

Helendale Community Services District
AMI Smart Meter Installation Program –
Phase III
R21AS00300

Water SMART: Small Scale Water Efficiency Projects

PREPARED FOR:
Bureau of Reclamation
Financial Assistance Support Section
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February 23, 2021

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Technical Proposal

Executive Summary

Date: March 17, 2021

Name: Helendale Community Services District

City: Helendale

County: San Bernardino County

State: California

Project Summary

Helendale Community Services District is seeking financial assistance to install 800 new Sensus iPerL smart meters and 425 AMI radios to replace the District's outdated meters and Automatic Meter Read (AMR) radios, which require an employee to drive around monthly to capture meter reads. Advanced Metering Infrastructure (AMI) consists of a smart meter and two-way communication between the meter and the utility. AMI technology will assist the District in our water planning, water conservation efforts and enhance our customer service.

The District began a Pilot program in 2016 with a grant from Mojave Water Agency which allowed the District to purchase and install 109 meters. We chose the Sensus iPERL meters and radios because of its superior technology and performance. Staff performed a series of tests comparing iPERL with four other smart meters. On average the iPERL outperformed the other meters. Sensus iPERL's have no moving parts and maintain their accuracy over a 20-year lifetime. With Advanced Metering Infrastructure (AMI) connectivity as well as 14 alarms including condition, diagnostic and lifetime alarms—iPERL meters provide a quick resolution to issues experienced in the field. iPERL meters also reduce non-revenue water, measuring flow rates as low as .1-.3 gpm.

Phase I of the program was funded through a grant from the Bureau of Reclamation's Small-Scale Water Efficiency Program for Fiscal Year 2017. Phase I allowed the District to install 400 new AMI meters and radios as well as the tower that transmits the data. We began Phase I in the tract furthest from the office because that is where most of the older water meters in the District were located. Also, starting in the tract furthest away from the District will reduce meter reading time and mileage.

Phase II of the program was funded through a grant from the Bureau of Reclamation's Small-Scale Water Efficiency Program for Fiscal Year 2019.

Project Location



Photo above: MAP SHOWING METERS INSTALLED IN PHASE I AND PHASE II

There will be no overlap or duplication of work in Phase III. If there are any faulty meters found from Phase I, those meters will be swapped out under the Sensus warranty, thus guaranteeing this Phase of the project will be completely separate from the previous phases of the project.

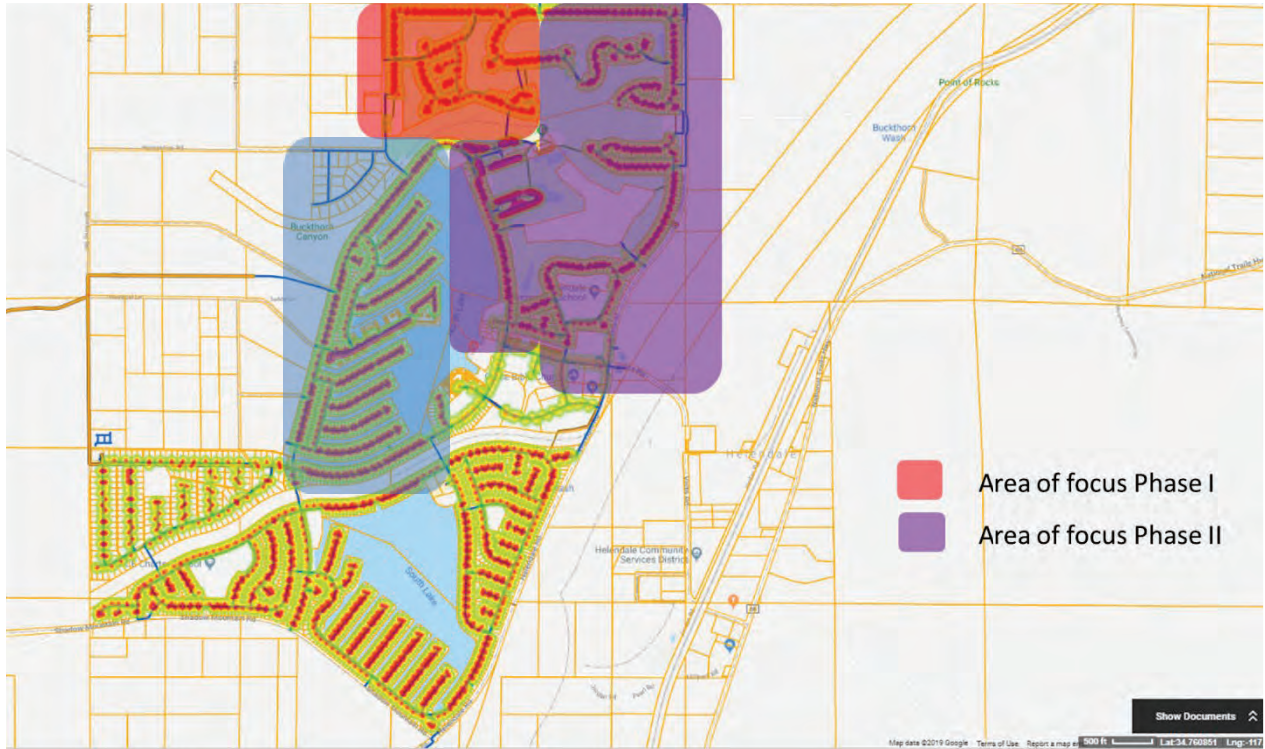


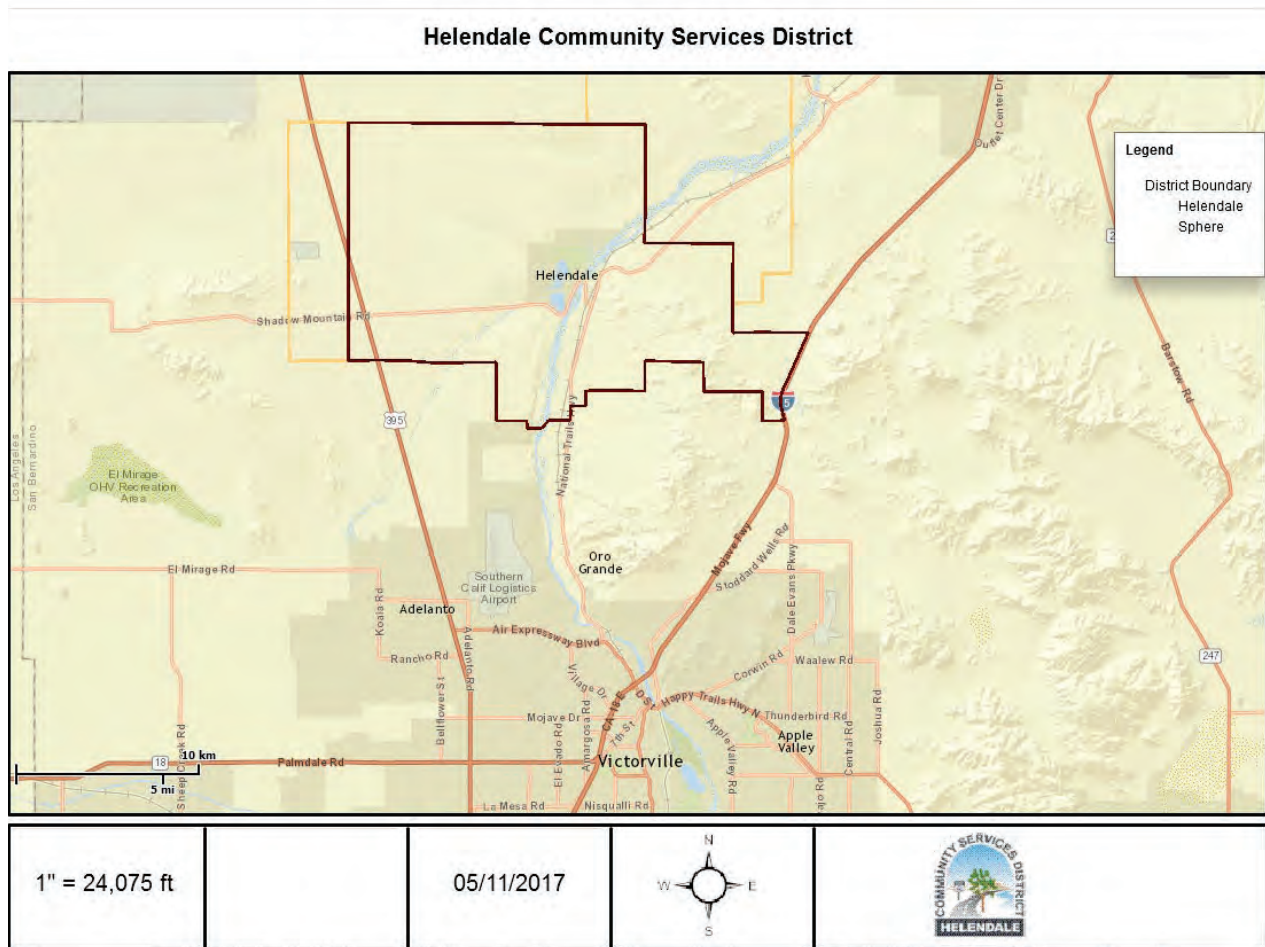
Photo above: MAP SHOWING METERS TO BE INSTALLED IN PHASE III

Length of Project

2 Years beginning August 2021 (or upon notice to proceed).

The proposed project ***is not*** located on a Federal facility.

Background Data



The Helendale Community Services District (HCSD) was formed in 2006 by a vote of the people and assumed operational duties on April 1, 2007. HCSD provides water, sewer, solid waste, street lighting, refuse collection, parks and recreation, and graffiti abatement services to residents living within its boundaries. A five-member board of elected directors provides the governance for HCSD. The mission of the Helendale Community Services District is to provide “Efficient, Effective, Local Government.”

Helendale is located within San Bernardino County approximately 98 miles northeast of Los Angeles and 54 miles north of the city of San Bernardino. The Helendale CSD boundary encompasses 116 square miles and serves a population of 6,379 according to the 2010 Census. The Helendale Water System contains 2 active wells and 4 standby wells, approximately 45 miles of pipes ranging in size from 4 inches to 16 inches in diameter, approximately 300 hydrants, and 2,812 service connections. Distribution pipelines in the District’s potable water distribution system carries water to residential, industrial and commercial users.

The District’s water supply is comprised of 100% groundwater. However the District has make up water requirements. Any imported water is purchased through Mojave Water Agency, a State Water Contractor, which comes from State Water Project supplies.

In Water year 2019/20 the District pumped 1556.95 AFY of water to residential, commercial, institutional, and irrigation accounts. Projections for increased population will greatly increase the need for water and conservation and efficiency measures needed to support the water use of the community. This requires immediate action on the part of the District to begin addressing these issues to ensure adequate water for future water needs. Without implementing conservation and efficiency measures such as the Smart Meter replacement program, the District will not be able to sustain future growth or increased demand. The proposed AMI Smart Meter Project will assist the District in achieving greater water conservation and efficiency as a result of this project will help us to better manage our water.

The goal is to increase efficiency and conserve water by a minimum of 10% through the installation of AMI meters. The Helendale CSD will closely track and monitor the water usage of customers with new AMI meters to determine the water conservation savings that are achieved post AMI meter installation.

The District has worked with Reclamation for our Small-Scale Water Use Efficiency Grant for Fiscal Year 2017 and in Fiscal Year 2019. In 2017, the District was awarded a grant for \$75,000 to install 400 meters and the AMI radio antenna. In 2019, the District was awarded a grant for \$75,000 to install 800 meters and 425 radios.

Project Description

The District has aging meters that no longer read accurately. The useful life of the Districts current Sensus SRII water meters are between 15-20 years. The majority of the Districts meters are over 20 years old. The problem with the aging meters is that low flows are not being read accurately which is leading to unaccounted for water loss. This impacts the Districts revenue. The other main problem the District has with our current AMR meters is that we are only able to get reads monthly. This limits our ability to help customers detect leaks in a timely manner. A leak could go undetected for at least 30 days with our current system and low continuous flows that are not registered may not be detected for much longer. With new AMI meters, the accuracy of the meters is guaranteed for 20 years and with the new technology that alerts staff to leaks, we will be able to detect leaks almost immediately. The need for the meter replacement program is a main priority of the District, because as the meters age even more, we will continue to have higher levels of unaccounted for water loss that will continue to go undetected. In an effort to increase our conservation measures, and use water more responsibly, it is important that the District be able to notify customers as soon as possible to get any leaks repaired immediately to avoid water waste.

The District expects the unaccounted-for water loss to go from 9% to 4% as a direct result of this project. We also expect to see an increase in conservation, and anticipate that customers will save a minimum of 10% due to immediate leak notification and because customers will have more data which can be used to make more conscientious decisions when it comes to how they use water.

The new AMI technology will also enable the District to provide better service to our customers. Advanced Metering Infrastructure (AMI) consists of a smart meter and two-way communication between the meter and utility. Staff will have access to real time consumption data, which will better improve service to customers. AMI has many other benefits including access to more data, which will help the District to make better, more informed decisions; provides more accurate

billing; and customer analytics that will give the District a better understanding of customer usage and patterns. The increased data and benefits of the AMI system will lead to better resource management. Customers will also be able to better manage their water use and repair leaks immediately.

Evaluation Criteria

Evaluation Criterion A - Project Benefits

- **Describe the expected benefits and outcomes of implementing the proposed project.**

The Smart Meter Replacement program will help the Helendale Community Services District improve its water management practices by removing 800 outdated meters that are no longer reading accurately and installing in their place 800 Smart meters with AMI radios. This will be an important first step in a multi-year program to remove all 2,812 of the District's old meters and replace them with new Smart Meters and AMI radios. The benefit of replacing these old meters will be more accurate meter reads and new technology that will allow for on-demand reads and leak detection. The Smart Meter replacement program will help the District conserve water and better manage water losses by using the technology to mitigate leaks through real-time meter reading capabilities. At the start of the meter replacement program, approximately 96% of the District's meters are over 20 years old and have surpassed their useful life. Old meters have diminished capabilities to accurately meter or report water usage, especially very low flows. This leads to undetected leaks and unaccounted for water usage and loss, and is costly for the District. The AMI project will help the District mitigate these losses in a timely and efficient manner with 24-hour monitoring and alert capabilities. Additionally, the watermaster recently approved a 5% ramp down of allowed water usage in the alto sub region. This means that we have a 5% reduction of our allowed water usage for the District. If we exceed the allotted usage, we are required to purchase makeup water from Mojave Water Agency (State Water Project water). The new AMI meters will allow us to monitor water usage more closely and address excessive usage and leaks right away, which will help conserve water. This will result in conservation of the region's most precious resource – water. This project is well aligned with the Bureau of Reclamations goal to manage, develop, and protect water and energy resources in an environmentally and economically sound manner.
- **What are the benefits to the applicant's water supply delivery system?**

This program will have water savings as well as embedded energy savings due to the reduction in water use that will lead to a reduction in energy required to pump groundwater for delivery to users. By switching from standard volumetric meters that are outdated and do not have the capability of remote monitoring to Smart Meters with AMI radios that provide real-time, two-way communication electronically to District staff, we will be able to mitigate water leaks and losses, and educate consumers on how to reduce water usage and help control water use during droughts. Another benefit of installing the new smart meters is that these meters have the capability of detecting backflow. This will ensure that if there are any backflow situations, Staff will be alerted immediately to the problem and be able to address it before any water quality issues arise.
- Other benefits
 - **Extent to which the proposed project improves overall water supply reliability**

This project will help improve overall water supply reliability due to increased water conservation. Using the AMI radio technology to monitor for leaks, the District expects to see a 10% reduction in overall water usage. This water savings will help ensure a reliable supply of water for the community.

- **The expected scope of positive impact from the proposed project will increase collaboration and information sharing among water managers in the region**

This project will demonstrate how AMI technology greatly improves water management and conservation. As a result of this project we will be able to demonstrate to other water managers and agencies, how these devices and enhanced technology improve our ability to reduce water loss and leaks by allowing our staff to more quickly respond to them. The District will be able to collaborate with other agencies and water managers in the region and share the results from this project. A report with our findings regarding enhanced efficiencies and water savings will be submitted to Mojave Water Agency, the region's water wholesaler so other Districts can see the savings we have achieved. The District will also submit a poster with our findings to the AWWA Water Smart Conference to allow us to share our results on a large scale at the conclusion of the program. Other agencies will be able to learn from our project and see the benefits of this new technology and how it improves water management.

Water usage data will also be tracked. Usage will be compared to previous year's usage to monitor savings. Staff will get alarms from when there is a potential leak and will look at the system daily to monitor the usage trends and notify customers of potential issues.

- **Any anticipated positive impacts/benefits to local sectors and economies (eg. Agriculture, environment, recreation, tourism)**

The reduction in water use could result in less groundwater pumping which will have a benefit to the environment. Reduced groundwater pumping will ensure ground water levels are not depleted, reduce the possibility of subsidence, and reduce the likelihood of deteriorated ground water quality. Reduced groundwater pumping will also help ensure a reliable source of water for the agricultural users in the basin.

Additional environmental benefits resulting from the AMI project will be achieved through the elimination of meter readers taking vehicle trips to read meters monthly. This will help to reduce Greenhouse gas emissions, help promote clean air efforts, and reduce fuel consumption. Reduced maintenance on the meters will also save vehicle trips to go out and repair meters.

Evaluation Criterion B – Planning Efforts Supporting the Project

Does the proposed project implement a goal or address a need or problem identified in the existing planning effort?

The main problem this project will be addressing is the need for new meters and technology that will decrease water loss and increase water management and leak mitigation. The District has a Water Conservation Ordinance that calls for a 25% reduction in water use compared to 2013.

This program will help achieve the goal of water conservation by giving the District real time water consumption data and leak alerts. Leak alerts will allow us to notify customers in a timely manner of a potential leak, which could potentially save thousands of gallons of water.

The need for new more accurate meters has been a priority for the District and has been included in the previous and current Capital Improvement Plan. Funding limitations have been the main reason this program has not been implemented. Grant funding will be necessary to complete this program; however, the District has already budgeted matching funds if awarded.

The District is dedicated to managing water resources effectively and the implementation of this program will give the District valuable data that will help to formulate a Water Management Plan, which is necessary to help us better, manage our water to ensure a sustainable supply and help guide future projects as they relate to water reliability.

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

Prior to the start of the meter rotation program, the majority of the District's 2,812 meters are over 20 years old and have surpassed their useful life. Approximately 1,823 meters are over 20 years old; 253 meters are over 15 years old, 619 are over 10 years old, and 45 meters are under 10 years old. The meters the District has in the ground have a useful life of 15-20 years. These old meters are no longer registering low flows accurately and as a result are causing unaccounted for water loss. We are currently experiencing a 9% unaccounted for water loss, which is approximately 163 acre-feet of water annually. This number is expected to increase as the meters get older. Staff expects to see a reduction of unaccounted for water loss resulting from replacing the District's old meters. The new smart meters are guaranteed for reading accuracy for 20 years, so the District can expect to save over 1467 AF of water in unaccounted for water loss and 2664 AF of water due to customer savings over the useful life of the new Smart meters.

A large portion of the District's water losses are attributed to leaks that are not quickly or easily detectible with the current outdated metering system. With the installation of smart meters and AMI radios, the District will be able to identify leaks and other water losses almost immediately. The installation of smart meters and AMI radios will eliminate time lapses and provide immediate access to data regarding leaks. This will significantly cut down on water loss issues and help conserve water. This project also aligns with the District's water conservation goals. Installing Smart meters will result in significant water savings by allowing our staff to immediately identify and notify customers of water leaks, monitor usage, and offer education and resources to customers with high water usage. Prior to installing the antenna during Phase I of the program, the District had no technology that would alert staff or customers to leaks, so it could potentially take over a month to identify these issues. This is still true for the majority of the District's meters as over 2,200 of our meters have still not been converted to AMI. This resource will allow the district and customers to better manage their water usage which will translate into water savings. The resulting water savings will also help the District conserve energy because of the reduced need for pumping.

The District chose this project over other potential projects due to the age of the meters and the amount of water that is being lost due to the inaccuracy of the old meters. Staff anticipates the meter accuracy to continue to degrade as the years go by which will increase the unaccounted-for water loss and greatly impact revenue. This project was also chosen due to the increased conservation benefits. With the recent drought, the District has put an emphasis on conservation and believes that these new AMI Smart Meters will enhance conservation and prevent prolonged leaks and helping identify small consistent leaks that often go unnoticed but add up over time.

There is an increased level of importance on this project now because the District has already installed over 1,000 AMI meters. If this project is not completed, half of the District’s meters would be the new AMI meters and the remaining meters would be the outdated AMR meters, this would create inefficiencies in our meter reading, customer service, and ability to notify customers of unusual or high consumption.

Evaluation Criterion C – Project Implementation:

In an effort to increase the efficiency of the District’s water planning efforts, the District will be installing new AMI Smart Meters throughout the District. This Smart Meter installation program will effectively help us meet this goal.

If the District receives funding through the Bureau of Reclamation for this project, we will purchase 800 smart meters and 425 radios to be installed within two (2) years of the award.

Since we have already begun installing meters in the furthest track from the District office, the plan is to continue installing meters where we left off from the previous grant. See map for each Phase of the project below. Two to three staff members will install an estimated 10 meters per week. One staff member will Vector the meter boxes in the morning while the rest of the staff installs the bushings on the meters to be installed for that day. Staff will then go out to the field to install the meters and complete all of the paperwork.

Future phases of the meter rotation program will allow the District to continue replacing all of our AMR meters with the new Smart Meters and AMI radios.

Project Schedule:

Milestone	Planned Start Date	Planned Completion Date
Purchase 800 and Smart Meters and 425 Radios @10 per week	August 2021 (or upon award)	August 2021 (or two years from award date)

Permits that will be required:

None

Engineering or design work needed for proposed project:

None

New policies or administrative actions required to implement the project:

The Board approved the project at the March 4, 2021 Board meeting. There are no further administrative actions required to implement this project.

Evaluation Criterion D – Nexus to Reclamation

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

The District's water supply is 100% groundwater, and does not currently receive water from Reclamation. However, if the District needed to purchase make up water from Mojave Water Agency, that water would come from State Water Project supply. The reduction in water use as a result of this project will help conservation efforts in alignment with State mandates and reduces the potential need to purchase State Water Project water.

Additionally, the Watermaster recently approved a 5% ramp down of allowed water usage in the alto sub region. This means that we have a 5% reduction of our allowed water usage for the District. If we exceed the allotted usage, we are required to purchase makeup water from Mojave Water Agency (State Water Project water). The new AMI meters will allow us to monitor water usage more closely and address excessive usage and leaks right away, which will help conserve water.
- **Will the project help reclamation meet trust responsibilities to any tribe(s)?**

No
- **Does the applicant receive Reclamation project water?**

No, the Helendale CSD does not receive Reclamation project water.
- **Is the project on Reclamation project lands or involving Reclamation facilities?**

No, this project is not on Reclamation project lands and does not involve Reclamation facilities.
- **Will the proposed work contribute water to a basin where a Reclamation project is located?**

The project will be taking place in the alto sub basin. The reduced consumption as a result of installing new meters will mean less groundwater being pumped in the basin.

Evaluation Criterion E – Department of the Interior Priorities

- **Creating a conservation stewardship legacy second only Teddy Roosevelt**
- **Utilizing our natural resources**
 - *Ensure American Energy is available to meet our security and economic needs.*

By reducing the amount of water pumped we will be reducing energy needs to pump water, thus ensuing energy is available to meet our security and economic needs.
 - *Manage Competition for grazing resources.*

By reducing our communities water consumption, there will be more groundwater available for agricultural uses.
- **Restoring trust with local communities**
 - *Be a better neighbor with those closest to our resources by improving dialogue and relationships with persons and entities bordering our lands*

Reducing water consumption and focusing on water conservation will make our District a better neighbor by ensuring clean reliable water in our groundwater basin.
- **Striking a regulatory balance**

- Not applicable
- **Modernizing our infrastructure**
 - Support the White House Public/Private Partnership Initiative to modernize U.S. infrastructure.
The District is working with Sensus and installing the latest in meter technology to ensure we have modern infrastructure that will help detect leaks and ensure a reliable water source for future generations.
 - Prioritize DOI infrastructure needs to highlight:
Deferred Maintenance – Because of the 20-year warranty on the new meters, maintenance will not have to be deferred. Meters that are malfunctioning will be replaced right away. The new meters also have no moving parts, therefore, there will be little maintenance required on the meters.

Project Budget

Funding Plan and letters of Commitment

Funding for the AMI Meter Replacement Program will come out of the Fiscal Year 2020/2021 and Fiscal Year 2021/2022. Water Budget. The District has allocated \$97,335.00 to purchase the meters, radios and bushings and \$27,601.52 from the water budget for employee and equipment costs. The funding requested from Bureau of Reclamation is \$75,000.00. The total cost for Helendale COMMUNITY SERVICES DISTRICT'S AMI SMART METER INSTALLATION PROGRAM – PHASE III is \$199,936.52. The District has the necessary funding, and is ready to proceed with this project.

The funding for this project is available now.

There are no time constraints on the availability of the funds for this project.

There are no other contingencies associated with the funding of this project.

Funding Sources	Amount
Non-Federal Entities	
1. Helendale CSD	\$124,936.52
Non-Federal Subtotal	\$124,936.52
Other Federal Entities	
1. None	
Other Federal Entities Subtotal	\$0
Requested Reclamation Funding	\$75,000.00
Total Project Cost	\$196,936.52

The District does not have funding from any other sources for this project.

There will be no costs incurred before the anticipated Project start date that we will be seeking reimbursement for.

There will be no other funding from any Federal Sources for this Project

The District does not have any pending requests for funding.

Letter of Commitment



Helendale Community Services District

26719 Vista Road, Ste. 3 - P.O. Box 359
Helendale, California 92342-0359
(760) 951-0006 Fax (760) 951-0046

Letter of Commitment

March 17, 2021

Dear Bureau of Reclamation:

The Helendale CSD is seeking a grant for **\$75,000** from the Bureau of Reclamation WaterSMART: Small Scale Water and Energy Efficiency Projects (Funding Opportunity # R21AS00300) for our **AMI SMART METER REPLACEMENT PROGRAM PHASE III**. We believe this project is very much aligned with the Bureau of Reclamation's goals for promoting water use efficiency.

Funding for this program will come from our water fund budget. The District has allocated \$124,936.52 as a match for this project.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kimberly Cox".

Kimberly Cox
General Manager
Helendale Community Services District
760-951-0006 kcox@helendalecsd.org

Budget Proposal

BUDGET ITEM DESCRIPTION	COMPUTATION				
	Price/Rate	Unit	Total Cost	Reclamation	Recipient
Salaries					
Water Operator III	\$ 32.37	200.000	6,474.00		\$ 6,474.00
Maintenance Worker I	\$ 17.90	200.000	3,580.00		\$ 3,580.00
Customer Service	\$ 22.35	24.000	536.40		\$ 536.40
Total			10,590.40		\$ 10,590.40
FRINGE BENEFITS					
Water Operator III	\$ 13.09	200.000	2,618.00		\$ 2,618.00
Maintenance Worker I	\$ 10.62	200.000	2,124.00		\$ 2,124.00
Customer Service	\$ 11.38	24.000	273.12		\$ 273.12
Total			5,015.12	\$	\$ 5,015.12
EQUIPMENT					
Truck 216	\$33.62	200.000	6,724.00		\$ 6,724.00
Vactor Truck 213	\$52.72	100	5,272.00		\$ 5,272.00
Miscellaneous					
Total			11,996.00	\$	\$ 11,996.00
SUPPLIES/MATERIALS					
AMI Radios	\$135.00	425	\$57,375.00	\$ 25,000.00	\$ 32,375.00
Brass Meters	\$118.00	800	\$94,400.00	\$ 50,000.00	\$ 44,400.00
Bushings and Gaskets	\$12.85	1600	\$20,560.00		\$ 20,560.00
			\$ 172,335.00	\$ 75,000.00	\$ 97,335.00
CONTRACTUAL/ CONSTRUCTION					
				\$	\$ -
			Subtotal	\$	\$ -
OTHER					
				\$	\$ -
			Subtotal	\$	\$ -
TOTAL DIRECT COSTS:			\$ 199,936.52	\$ 75,000.00	\$ 124,936.52
INDIRECT COSTS -					
	0.00%	percent		\$	\$ -
TOTAL ESTIMATED PROJECT/ACTIVITY COSTS:				\$	

Budget Narrative

Salaries and Wages

Cheryl Vermette, Program Coordinator and Craig Carlson, Water Operations Manager will be the project managers. Salary and fringe benefits for the staff that will be involved in the Meter Installation program are listed in the above chart. The District is not seeking reimbursement for any administrative or reporting requirements related to this program; therefore, costs for the Program Coordinator have not been included in the budget. Two hundred hours are estimated for one Water Operator III and two hundred hours are estimated for one Maintenance Worker I, this is calculated at 30 minutes per meter install. Salaries are estimated to be \$10,590.40.

Fringe Benefits

The calculation for fringe benefits in the above chart includes costs for medical, dental, life insurance and CalPers Retirement paid by the District. The calculations for fringe benefits are based on the number of hours estimated for installation of meters. Fringe Benefits are estimated to be \$5,015.12.

Travel

Not applicable, there will be no travel required for this project.

Equipment

The District will use one service trucks estimated at 200 hours and one Vactor estimated at 100 hours. Equipment costs are estimated to be \$11,996.00.

Materials and Supplies

Materials for this project include:

800 Smart meters and bushings at a cost of \$94,400.00

425 dual port AMI Radios at a cost of \$57,375

Meter Bushings at a cost of \$20,560.00

These prices were based on quotes from the manufacturer.

Contractual

There will be no work done by contractors for this project.

Environmental and Regulatory Compliance Cost

There will be no environmental or regulatory costs associated with this project.

Other Expenses

Not applicable

Indirect Costs

Not Applicable

Total Costs

The total cost of this project is \$199,936.52. The District's portion will be \$124,936.52. The amount requested from the Bureau of Reclamation Funding is \$75,000.00.

Environmental and Cultural Resource Compliance

The AMI project will simply replace old AMR meters with new AMI meters and radios in the same location. As a result, the Helendale CSD does not anticipate environmental impacts associated with the proposed AMI project.

1. ***Will the project impact the surrounding environment (i.e., soil [dust], air, water [quality and quantity], animal habitat, etc.)? 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.*** No.
2. ***Are you aware of any species listed or proposed to be listed as a Federal endangered or threatened species, or designated Critical Habitat in the project area? If so, would they be affected by any activities associated with the proposed project?*** Not applicable.
3. ***Are there wetlands or other surface waters inside the project boundaries that potentially fall under Federal Clean Water Act jurisdiction as "waters of the United States?" If so, please describe and estimate any impacts the project may have.*** No.
4. **When was the water delivery system constructed?** The two main wells used for distribution were drilled in 2010 and 2011. The water distribution system was constructed in the mid 1970's.
5. **Will the proposed project result in any modification of or effects to individual features of an irrigation system (e.g., head gates, 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
6. ***Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.*** No.
7. ***Are there any known cultural resources sites in the proposed project area?*** No.
8. ***Will the project have a disproportionately high and adverse effect on low income or minority populations?*** No.
9. **Will the proposed project limit access to ceremonial use of Indian sacred sites or result in other impacts on tribal lands?** No.
10. **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.

Required Permits or Approvals

There will be no permits or approvals required to complete this project.

Official Resolution



RESOLUTION NO. 2021 – 04

A RESOLUTION OF THE HELENDALE COMMUNITY SERVICES DISTRICT BOARD OF DIRECTORS, IN SUPPORT OF FILING AN APPLICATION WITH THE BUREAU OF RECLAMATION FOR A GRANT UNDER THE WATER SMART: SMALL-SCALE EFFICIENCY PROJECTS

WHEREAS, the United States Bureau of Reclamation is currently soliciting proposals for grant funding assistance under their Water-Smart Grants: Small-Scale Water Efficiency Projects

WHEREAS, District Staff has prepared a grant application under the United States Bureau of Reclamation's -Smart Grants: Small-Scale Water Efficiency Projects.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Helendale Community Services District as follows:

1. The District's Board of Directors has reviewed and supports the submission of a grant application to the Bureau of Reclamation for the project;
2. The District's General Manager is directed to submit the grant application and is authorized to enter into an agreement with the Bureau of Reclamation on behalf of the District for grant funding under the Bureau of Reclamation's Water -Smart Grants: Small-Scale Water Efficiency Projects;
3. The District is capable of providing the amount of funding and in-kind contributions as specified in the application; and
4. The District will work with the Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.


ADOPTED this 4th day of March, 2021 by the following vote:

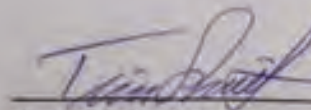
AYES: 5

NOES: 0

ABSENT: 0

ABSTAIN: 0


Sandy Haas, Secretary


Tim Smith, President

Unique Entity Identifier and System for Award Management

- (i) Helendale CSD is registered in the System for Award Management (SAM)
- (ii) Unique Entity Identifier: DUNS Number 027998746
- (iii) The District will maintain an active SAM registration with current information at all times during which it has an active Federal award or application under consideration by a Federal awarding agency.