Call for Projects
Project Information Form (PIF)

A. PROJECT INFORMATION

1. Project Title: Water Resource Reliability Projects
2. Project Sponsor(s): San Miguel Community Services District
3. Eligible Applicant Type: Public Agency
4. IRWM Project Region(s): San Luis Obispo County
5. Does the project provide benefits directly to a Disadvantaged Communities (DAC) and/or Economically Distressed Areas (EDA) (minimum 75% by population or geography)?
   ☑ Yes ☐ No If yes, please complete D.8 and/or D.9. Show on map if applicable.
6. Is the Project Sponsor a Tribe, or does the project provide benefits to a Tribe (minimum 75% by population or geography) as defined by Proposition 1?
   ☐ Yes ☑ No If yes, please complete D.10. Show on map if applicable.
7. Provide project map. Include location of project, project benefit and/or service area, and other applicable information.
8. Funding Category:
   ☑ DAC Implementation Project
   ☐ General Implementation Project
9. Project Type: Water quality Other:
   Select most applicable project type. See Section II.C. of the 2019 Guidelines for full description of eligible project types. If "Other" is selected, please write in the space provided the proposed project type.

B. SELECTED ELIGIBILITY REQUIREMENTS

1. Will the project be included in the IRWM Plan, that will be adopted prior to anticipated Agreement Execution?
   ☑ Yes ☐ No
2. Does the project address a critical need(s) and/or priority(ies) of the IRWM Region as identified in the IRWM Plan?
   ☑ Yes ☐ No If yes, complete part a:

a. What IRWM Plan goal(s)/objective(s) does the project address? Identify and explain.

The Project proposed for grant funding includes construction and implementation of the San Miguel Community Services District (SMCSD) Water Resource Reliability Projects (WRRP), which address the following objectives outlined in the San Luis Obispo County IRWM Plan.

Water Supply Objectives and Project Relevance

1. Maximize the accessibility to existing and supplemental water supplies in the Region through the utilization of existing infrastructure and development of new infrastructure and agreements. This project will expand storage capacity and enable better accessibility to supplies, improving local resiliency and supply reliabilty while providing enhanced storage to support fire suppresssion efforts. The project will also improve ground water management by avoiding pumping during sustained rain events that adversely impact the aquifer/potable water supply.
2. Provide adequate and sustainable water supplies and infrastructure to address water deficiencies in all

3. Does the project have an expected useful life consistent with Government Code §16727 (generally 15 years)? If not, explain why this requirement is not applicable.

Yes, the useful life of the project exceeds 15 years, and is estimated to be 50 years. The service life of PVC is estimated to be up to 70 years according to AWWA's "Buried No Longer: Confronting America's Water Infrastructure Challenge, August 22, 2017".

4. Does the project address and/or adapt to the effects of climate change? Does the project address the climate change vulnerabilities assessed in the IRWM Plan?

☑ Yes ☐ No If yes, please explain below.

Project improves management of local drought-senstive groundwater basin and drought-sensitive water system by enabling better storage, pumping, and delivery, enabling better management of the local aquifer, improving ability to store carryover suppy surpluses, reducing real water loss, increasing water efficiency to meet water curtailment efforts, improving capacity to manage seasonal demand, improving water quality, and enhancing overall capability to meet community needs during drought and other climate change events.

Project meets the following vulnerabilities; Seasonal water demand, drought-sensitive water systems, inability to store carryover supply surpluses, declining seasonal low flows, water quality impacted by rain events, drought-sensitive groundwater basins, and communities with curtailment efforts.

5. Does the project contribute to regional water self-reliance?

☑ Yes ☐ No If yes, please explain below.

During wet seasons, the project allows SMCSD to store water supply and improve ground water management by avoiding pumping during sustained rain events that adversely impact the aquifer/potable water supply.

Improvements in self-reliance of individual communities promotes regional self-reliance. SMCSD is one of the many users of the Paso Robles Area Subbasin of the Salinas Valley Groundwater Basin (Paso Robles Subbasin or Subbasin). Multiple agencies within the Subbasin are pursuing implementation of multiple water supply projects. As a disadvantaged community, however, costs of participating in many of the regional projects are very expensive. Implementing its own self-reliance projects and reducing water leaks is more cost effective for SMCSD and provides greater regional reliability because neighboring communities have a greater ability to rely on available regional sources without the burden of supplying SMCSD as well.

6. Does the project provide a benefit that meets at least one of the Statewide Priorities as defined in the 2019 IRWM Grant Program Guidelines?

☑ Yes ☐ No If yes, please identify below.

6. Expand Water Storage Capacity and Improve Groundwater Management

7. Will CEQA be completed within 12 months of Final Award?

☑ Yes
☐ NA, project is exempt under CEQA
☐ NA, not a project under CEQA
☑ NA, project benefits DAC/EDA/Tribe (minimum 75%), or a Tribe is a local project sponsor
☐ No

8. Will all permits necessary to begin construction be acquired within 12 months of Final Award?

☐ Yes
☑ NA, project benefits DAC/EDA/Tribe (minimum 75%), or a Tribe is a local project sponsor
☐ No

C. WORK PLAN, BUDGET, and SCHEDULE SUMMARY

1. Project Description: Provide a brief project description summarizing major components, objectives, goals, and intended outcomes/benefits (quantitative and qualitative).

A District Master Plan was finalized in 2020. Three high priority projects identified including: (1) replace aging and undersized pipelines, (2) replace undersized and poor condition tank with a new 25,000 gallon tank, and (3) construct a new booster pump station to improve inadequate pressure and fire flow (see attached map for projects). Existing 4-inch cast-iron and 3-inch asbestos cement pipelines need to be replaced with a new 8-inch PVC pipeline located within the right-of-way. This project will improve deficient pressure and fire flows to approximately 20 residences, reduce operating costs by reducing system losses, and reduce water losses from the existing pipelines in the event that they fail. A new 250,000 gallon storage reservoir is also needed to replace the existing 50,000 gallon SLT steel tank that has exceeded its useful lifetime. The new reservoir will provide more storage to increase supply reliability and provide adequate fire flow storage. Additionally, a new booster pump station is needed next to the new storage reservoir to improve pressure and fire flow within the SLT Pressure Zone. Currently, the pressure and fire flow in this zone are inadequate, and in some cases the average pressure is below 20-psi. The booster pump station will include a small booster pump and fire pump to resolve both pressure and fire flow inadequacies. The new booster pump station is the highest priority project, followed by the 250,000 gallon tank, and then the pipeline replacement project.

2. Budget: Provide cost estimates for each Budget Category listed in the table below. (Required for Pre-Application Material Submittal; not required for Final Application Submittal)

Table 1 - Project Budget

Category		(a) Cost Share: Non-State Fund Source	(b) Requested Grant Amount	(c) Other Cost Share (including other State Sources)	(d) Total Cost
(a)	Project Administration		$105,000		$105,000
(b)	Land Purchase/ Easement		$340,000		$340,000
(c)	Planning/Design /Engineering /Environmental Documentation		$529,000		$529,000
(d)	Construction/ Implementation		$3,523,000		$3,523,000
(e)	Grand Total (Sum rows (a) through (d) for each		$4,497,000		$4,497,000

Note: Provide information or other documentation to support the cost estimate in a separate attachment. Identify the source of all cost share and other funds. If other funds are not used, describe efforts to obtain other funding and/or why other funding sources were not used.

Costs for the pipeline replacement, SLT Reservoir Replacement, and new SLT booster pump station by category are documented in the 2020 WMP, and were updated to 2022 values. See attachment "PIF Attachment_Cost Estimates.pdf" for costs by project.

3. Cost Share Waiver Requested (DAC or EDA)? ☑ Yes ☐ No If yes, continue below:
   Cost Share Waiver Justification: Describe what percentage of the proposed project area encompasses a DAC/EDA, how the community meets the definition of a DAC/EDA, and the need of the DAC/EDA that the project addresses. In order to receive a cost share waiver, the applicant must demonstrate that the project will provide benefits (minimum 25% by population or geography) that address a need of a DAC and/or EDA.

The project will benefit 100% of San Miguel CSD customers, which are all within the DAC/EDA area as shown in the attached "PIF Attachment_DAC and EDA.pdf" based on 2012-2016 ACS data. All of the Water Resource Reliability Projects create system-wide benefits associated with water use efficiency, reductions in leaks, improved system water quality, and increased water supply reliability, especially for emergency and fire events.

4. Schedule: Include reasonable estimates of the start and end dates for each Budget Category listed in Table 1 - Project Budget. (Required for Pre-Application Material Submittal; not required for Final Application Submittal)

Table 2 - Project Schedule

Category		(a) Start Date	(b) End Date
(a)	Direct Project Administration	Oct-22	Dec-24
(b)	Land Purchase/Easement	Oct-22	Dec-23
(c)	Planning/Design/Engineering/Environmental Documentation	Oct-22	Dec-23
(d)	Construction/Implementation	Jan-24	Dec-24

D. OTHER PROJECT INFORMATION

1. Provide a narrative for project justification. If applicable, include references to supporting documentation such as models, studies, engineering reports, etc. Include any other information that supports the justification for this

project, including how the project can achieve the claimed level of benefits.

The District completed a Master Plan in 2020 that included high priority projects to meet regulatory, pressure, and fire prevention and suppression needs. The top recommendations include replacing an existing 50,000 gallon tank with a new 250,000 gallon reservoir to provide adequate supply and fire flow storage, constructing a new booster pump station to improve inadequate operating pressures below 20-psi and meet fire flow requirements in the distribution system, and replacing 765 feet of existing 4-inch and 3-inch pipelines with a new 8-inch pipeline located within the right-of-way to improve inadequate pressures and meet fire flow requirements. The new storage reservoir will provide adequate storage for the system and increase water supply reliability, especially for emergency and fire events, and improve system water quality to promote reservoir turnover and reduce system water age through its design. The new booster pump station will improve supply reliability for fire events by improving system fire flows and improve water quality that may be compromised due to existing low pressure. The pipeline replacement project increases supply reliability through improved fire flows and eliminates old leaky water mains.

2. Project Benefits Table:

Table 3 - Project Benefits			
Anticipated Useful Life of Project (years):	**50 Years**		
Primary (Required)			
Type of Benefit Claimed:	Water Supply Reliability	**Benefit Units*:**	Other
Secondary (Optional)			
Type of Benefit Claimed:	Water Quality	**Benefit Units*:**	Other

Physical Benefits (At project completion or lifetime, as appropriate)		
(a)	(b)	(c)
Benefit	**Added Physical Benefit Description**	**Quantitative Benefit**
Primary	Increase potable water supply reliabilty, fire storage, and reduced leaks.	Increase storage from 50,000 gallons to 250,000 gallons of water.
Secondary	Improved storage reservoir will reduce water age and improve water quality. Improved pressure reduces the chance of contamination in the system.	

Qualitative Benefits (For Decision Support Tools, please describe non-physical benefits.)

This project improves supply reliability by increasing system storage and improving system fire flows. The water supply savings by replacing the aging leaky pipes is not quantified.
For water quality improvements, the new storage facility will be constructed to meet current standards, including a separate inlet/ outlet that improves turnover in the reservoir to reduce water age and disinfection byproduct formation. The current tank is located at the end of a long dead-end main and has limited turnover. The reduction of disinfectant byproducts has not been quantified. Also, the project resolves current low pressures (some locations are less than 20 psi) that pose an existing health hazard by allowing contamination in the water system.

Comments: [Include narrative on additional benefits, as warranted.]

In addition to water supply reliability and quality benefits, the project will improve system operating pressures and inadequate fire flow supply in the distribution system.

* DWR may require applicant to convert or modify Benefit Claimed and/or Benefit Units. Where applicable, select one of the following units that corresponds to the benefit claimed:

- For water supply produced, saved, or recycled, enter acre-feet per year (AFY)
- For water quality, enter constituent concentration reduced in mg/L
- For flood damage reduction, enter inundated acres reduced in acres
- For habitat improved, restored or protected, enter habitat restored in acres
- For fishery benefits, enter increased fishery flow rate in cubic feet per second (cfs)
- For species protection, enter number of species benefited

3. Does the proposed project provide benefits to multiple IRWM regions [or funding areas]? If the project is located in another funding area, please provide the information requested in the 2019 Guidelines, Section 1.A.

☐ Yes ☑ No If yes, provide a description of the benefits to the various regions.

4. Provide a narrative on cost considerations. For example, were other alternatives to achieve the same types and amounts of physical benefits as the proposed project evaluated? Provide a justification as to why the project was selected (e.g., if the proposed project is not the lowest cost alternative, why is it the preferred alternative? Are there any other advantages that the proposed project provides from a cost perspective?)

Cost considerations were taken into account. The pipeline portion of the project cost estimates are straightforward due to the nature of the project, and relocating the pipelines within the right-of-way is the lowest cost alternative. The location of the storage tank and new booster pump station were evaluated, and the location chosen (see attached map for project location) based on the most cost-effective alternative to limit necessary inlet and outlet pipelines. The Engineer also found that steel tanks were more cost efficient than concrete for the project.

5. a. Does the project address a contaminant listed in AB 1249?

☐ Yes ☑ No If yes, complete parts b and c:

b. Describe how the project helps address the contamination.

c. Does the project provide safe drinking water to a small disadvantaged community?

☑ Yes ☐ No If yes, provide an explanation on how the project benefits a small disadvantaged community as defined in the 2019 IRWM Guidelines.

San Miguel CSD is a DAC/EDA witha population less than 10,000 persons. The project will benefit 100% of San Miguel CSD customers, which are all within the DAC/EDA area as shown in the attached "PIF Attachment_DAC and EDA.pdf" based on 2012-2016 ACS data. All of the Water Resource Reliability Projects create system-wide benefits associated with water use efficiency, reductions in leaks, improved system water quality, and increased water supply reliability, especially for emergency and fire events.

6. Does the project provide safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes (consistent with AB 685) to meet a specific need(s) of a community?
   ☑ Yes ☐ No If yes, please describe.

Yes, the project provided additional potable water storage and improved system pressures and flows, including for fires and other emergencies.

7. Does the project employ new or innovative technologies or practices, including decision support tools that support the integration of multiple jurisdictions, including, but not limited to, water supply, flood control, land use, and sanitation?
   ☐ Yes ☑ No If yes, please describe.

8. If the project provides benefits (75% by population or geography) to a DAC, explain the need of the DAC and how the project will address the described need. Explain how the area/community meets the definition of a DAC.

The water related need of San MIguel CSD is to improve supply and infrastructure reliability and resiliency. The project will benefit 100% of San Miguel CSD customers, which are all within the DAC/EDA area as shown in the attached "PIF Attachment_DAC and EDA.pdf" based on 2012-2016 ACS data. All of the Water Resource Reliability Projects create system-wide benefits associated with water use efficiency, reductions in leaks, improved system water quality, and increased water supply reliability, especially for emergency and fire events.

9. If the project provides benefits (75% by population or geography) to an EDA, explain the need of the EDA and how the project will address the described need. Explain how the area/community meets the definition of an EDA.

The water related need of San MIguel CSD is to improve supply and infrastructure reliability and resiliency. The project will benefit 100% of San Miguel CSD customers, which are all within the DAC/EDA area as shown in the attached "PIF Attachment_DAC and EDA.pdf" based on 2012-2016 ACS data. All of the Water Resource Reliability Projects create system-wide benefits associated with water use efficiency, reductions in leaks, improved system water quality, and increased water supply reliability, especially for emergency and fire events.

10. If the project provides benefits (75% by population or geography) to a Tribe or a Tribe is the sponsor of the project, explain the need of the Tribe and how the project will address the described need.

N/A

11. Does the project sponsor have legal access rights, easements, or other access capabilities to the property to implement the project?

- ☐ Yes — If yes, please describe.
- ☐ NA — If NA, please describe why physical access to a property is not needed.
- ☑ No — If no, please provide a clear and concise narrative with a schedule to obtain necessary access.

The pipeline portion of the project will be located within the right-of-way of the street and the District has legal access rights. The District is currently working to purchase the property from the County of San Luis Obispo needed for the proposed new reservoir and booster pump station.

E. ENVIRONMENTAL

1. Please fill out the CEQA Timeline Table below, if applicable:

Table 4 - CEQA Timeline		
CEQA STEP	COMPLETE? (y/n)	ESTIMATED DATE TO COMPLETE
Initial Study	n	Dec-22
Notice of Preparation	n	Jan-23
Draft EIR/MND/ND	n	May-23
Public Review	n	Jul-23
Final EIR/MND/ND	n	Aug-23
Adoption of Final EIR/MND/ND	n	Sep-23
Notice of Determination	n	Oct-23

a. If additional explanation or justification of the timeline is needed, please describe below (optional).

2. Permit Acquisition Plan:
List all permits needed to complete the project. If the project does not provide benefits to a DAC, EDA, or Tribe (min 75%), all permits needed to begin construction must be acquired within 12 months of Final Award.

No.	Type of Permit	Permitting Agency	Date Acquired or Anticipated
1.	Encroachment Permit	County of SLO Public Works	Dec-23
2.	Conditional Use Permit	County of SLO Public Works	Dec-23
3.	Amended Drinking Water	Division of Drinking Water	Dec-24
4.	Grading Permit	County of SLO Public Works	Dec-23
5.	Authority to Construct	SLO County Air Pollution Control Distict	Dec-23
6.	Permit to Operate	SLO County Air Pollution Control Distict	Dec-24
n.			

For each permit not yet acquired, describe the following:

No.	a. Actions taken to date (include dates of any key meetings, consultations, submittals, etc.)	b. Any issues or obstacles that may delay acquisition of permit
1.	Biological Assessment completed	No issues or obstacles are anticipated.
2.		
3.		
4.		
5.		
n.		

3. Permitting Checklist: This checklist is provided as a courtesy for documentation purposes. Not all permits which may apply are listed. (Required for Pre-Application Material Submittal; not required for Final Application Submittal)

a. Does the project involve any activities that may affect federally or state listed threatened or endangered species or their critical habitat that are known, or have a potential, to occur on-site, in the surrounding area, or in the service area? (i.e. Federal Endangered Species Act Section 7 Consultation and Incidental Take Authorization and Section 10 Incidental Take Permit, California Endangered Species Act Permit, and/or ESA & CESA Consistency Determination)

☑ Yes ☐ No If yes, please explain:

Potential species affected by the project include the San Joaquin kit fox, California condor, and Least Bell's vireo. As addressed in the Biological Assessment for the San Miguel Wastewater Treatment Plant Upgrade / Expansion Project dated December 2021, of which the area evaluated includes the project areas, the determination of construction projects may affect, but is not likely to adversely affect, these federally listed species, and potential impacts can be mitigated.

b. Would the proposed project work in, over, or under navigable waters of the US or discharge dredged or fill material in waters of the US? (i.e. Rivers & Harbors Act Section 10 Permit and/or Clean Water Act Section 404 Permit)

☐ Yes ☑ No If yes, please explain:

c. Will the proposed project have the potential to affect historical, archaeological, or cultural resources? (i.e. National Historic Preservation Act and/or State Historic Preservation Officer Consultation)

☑ Yes ☐ No If yes, please explain:

The project is near the San Miguel Mission and could potentially impact historical, archaeological, or cultural resources. Therefore, the project will include records review and research for historical, archaelogical, and cultural resources. Based on other recent projects in the vicinity of this project, it is anticipted that potential impacts can be mitigated.

d. Will the proposed project discharge into a water of the US? (i.e. Clean Water Act Section 401 and/or 404 Permit)

☐ Yes ☑ No If yes, please explain:

e. Will the proposed project divert the natural flow of a river, stream, or lake? (i.e. Lake or Streambed Alteration Agreement)

☐ Yes ☑ No If yes, please explain:

f. Will the proposed project change the bed, channel, or bank of a river, stream, or lake? (i.e. Lake or Streambed Alteration Agreement)

☐ Yes ☑ No If yes, please explain:

g. Will the proposed project use any material from the bed, channel, or bank of a river, stream, or lake? (i.e. Lake or Streambed Alteration Agreement)

☐ Yes ☑ No If yes, please explain:

h. Will the proposed project deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it can pass into a river, stream, or lake? (i.e. Lake or Streambed Alteration

☐ Yes ☑ No If yes, please explain:

i. For water supply projects, do you need to obtain a water right? (Water Rights Permit)

☐ Yes ☑ No If yes, please explain:

j. Is the proposed project within the defined coastal zone? (Coastal Development Permit)

☐ Yes ☑ No If yes, please explain: