

ICIP for Las Acequias de Placitas Water Cooperative

Contact: Carolyn Kennedy
P.O. Box 811
Placitas, New Mexico 87043

Telephone No.: 5058672853
Email Address: cjkennedy@comcast.net

County: Sandoval

Entity Type: WA

Procurement Officer Name: Not yet certified

Telephone No.:
Email Address:

Financial Officer Name: Carolyn Kennedy

Telephone No.: 5058672853
Email Address: cjkennedy@comcast.net

Executive Order 2013-006 Compliance

Is your entity compliant with Executive Order 2013-006?

Yes

Does your entity have an asset management plan and/or inventory listing of capital assets?

Yes

Entity Planning: Process, Nature/Effect/Options/Recommendations of Trends

Process

The plan was developed with input from the Board of Commissioners and membership of Las Acequias de Placitas Water Cooperative (LAdP) at public meetings. Because of the disastrous summer and fall 2018 (more fully described in Factors/Trends Considered), at its general membership meeting on January 21, 2019, an Infrastructure Committee was formed, which prepared an Emergency Infrastructure Plan (EIP). At a general membership meeting on January 25, 2019, the EIP was adopted, as amended at a general membership meeting on May 31, 2019. The projects were prioritized first to increase efficiency of the current system by replacing an unusable water storage tank, installing required fencing and customer and leak detection meters (to be completed in FY20) and then connecting springs together and replacing 75 year-old water lines (FY 21, 22 and 23). Las Acequias also prioritized researching and acquiring a suitable location and planning and designing an emergency backup water well for the domestic system (to be completed in FY20). Construction of the backup well has been prioritized for FY 21.

Goals

The entity's overall capital improvement goals are to ensure a sustainable water supply both for domestic use and irrigation by increasing efficiency and locating and installing an emergency backup water source for domestic use.

Factors/Trends Considered

Las Acequias de Placitas Water Cooperative (LAdP) is in an infrastructure emergency.

LAdP is one of only three hybrid domestic water/acequia systems in New Mexico. It serves approximately 180 households (400 residents, many elderly and/or low income) in the Village of Placitas in Sandoval County. It is a spring-fed system, dependent on winter snowpack on the north side of the Sandia Mountains. For nearly six months in 2018, because of almost no snow pack the previous winter, the springs dramatically reduced their output to the point that the domestic water system was under ongoing boil advisories and had to be shut off 16 hours every day. There was little to no irrigation water. Predictions of the imminent demise of El Nino and the rise of La Nina suggest another dry winter followed by a low-flow summer is soon likely. Because of climate change, this trend is expected to persist and worsen with bad years becoming more frequent or regular. In face of this emergency, LAdP is working expeditiously to improve efficiency of the system. At the same time, LAdP is actively exploring locating a site for an emergency backup community domestic water well and procuring the services of a design engineer. The LAdP membership is fully supportive of these measures.

First known as the Placitas Community Ditch, it was constructed and its water rights perfected on or about 1863. A 1942 declaration by the State Engineer of New Mexico recognized Las Acequias of the Community of Placitas' use of the water from the springs for irrigation and domestic purposes. Pipes were first installed in 1943 to supply domestic water from two of the springs to residents on the system. Through the years there have been periods of drought, which necessitated a moratorium on new members in the mid-1990s.

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank	2021	001	Priority:	High	ID:35844		
Project Title:	Water System Improvements			Class:	Replace Existing	Type/Subtype: Water - Water Supply	
Contact Name:	Carolyn Kennedy			Contact Phone:	5058672853	Contact E-mail: cjkennedy@comcast.net	
Total project cost:	3,125,000			Proposed project start date: August 2019			
Project Location:	652 State Highway 165 Placitas NM 87043			Latitude:	35.307 N	Longitude: 106.425 W	
Legislative Language:	To plan, design and construct water system improvements and remediation in Placitas in Sandoval County						
Scope of Work:	Construct and replace water storage tank for domestic water system (in progress-\$46,800); Construct fencing enclosing Placitas domestic water system (in progress-\$36,000); plan, design and install water meters for water system users and isolation meters for leak detection; plan, design and construct interconnection of springs; plan, design and construct replacement water lines.						

Secured and Potential Funding Budget:

State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.

Please complete table below with all secured and potential funding sources.

Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s)	
					Received	Comment
CAP	125,000	Yes	125,000	82,800	2016	SAP 16-A2298-STB
CAP	1,000,000	No	0	0		
FGRANT	1,000,000	No	0	0		
NMFA	1,000,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	3,125,000		125,000	82,800		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.

	Completed	Funded to Date	Estimated Costs Not Yet Funded			
			2021	2022	2023	2024
Water Rights	Yes	0	0	0	0	0

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Easements and Rights of Way	Yes	0	0	0	0	0	0	0	0
Acquisition	Yes	0	0	0	0	0	0	0	0
Archaeological Studies	No	0	0	0	0	0	0	0	0
Environmental Studies	No	0	0	0	0	0	0	0	0
Planning	No	0	100,000	0	0	0	0	0	100,000
Design (Engr./Arch.)	No	0	800,000	0	0	0	0	0	800,000
Construction	No	125,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	2,225,000
Furnishing/Equipment	No	0	0	0	0	0	0	0	0
TOTALS		125,000	1,000,000	1,000,000	1,000,000	1,000,000	0	0	3,125,000
Amount Not Yet Funded		3,000,000							

PHASING BUDGET

Can this project be phased? Yes Stand Alone: No Multi-Phased: Yes

Phasing:

A project single phase approach is used for projects that can be completed with one process because it is manageable, affordable, and will not require any foreseeable additional resources or activities to be fully operational when complete.

A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (W/ir Rights, Easements, Acq)	# Mos to Complete
1	125,000	No	No	Yes	No	No	12
2	1,000,000	Yes	Yes	Yes	No	No	12
3	1,000,000	No	No	Yes	No	No	12
4	1,000,000	No	No	Yes	No	No	12
5	0	No	No	No	No	No	0
TOTAL	3,125,000						

Infrastructure Capital Improvement Plan FY2021-2025

Has your local government/agency budgeted for operating expenses for the project when it is completed?							No
If no, please explain why: To be determined when project is completed							
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL	
Annual Operating Expenses plus Debt Service	0	0	0	0	0	0	
Annual Operating Revenues	0	0	0	0	0	0	

Does the project lower operating costs? Yes Will lower System Operator costs, estimate to be determined upon completion of project.

If yes, please explain and provide estimates of operating savings

Entities who will assume the following responsibilities for this project:

Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
Sandoval County	Las Acequias de Placitas Water Cooperative (LAdP)	LAdP	LAdP	LAdP	LAdP
No	No		No	No	No

Lease/operating agreement in place?

More detailed information on project.

- (a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more
- (b) Has the project had public input and buy-in? Yes
- (c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? No
- (d) Regionalism - Does the project directly benefit an entity other than itself? No
- If yes, please list the other entity.
- (e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes
- Please explain. Will be built into contracts, overseen by NM Env. Dept., LAdP Commissioners and System Operator
- (f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? No
- If yes, please explain.
- (g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

Infrastructure Capital Improvement Plan FY2021-2025

If yes, please explain and provide the number of people that will benefit from the project.

Would benefit all domestic water system members, approximately 180 households.

(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert.

Yes

If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

See Entity Profile

Infrastructure Capital Improvement Plan FY2021-2025

ICIP Capital Project Description

Year/Rank	2021	002	Priority:	Medium	ID:35846		
Project Title:	Water Well & Tanks		Class:	New	Type/Subtype: Water - Water Supply		
Contact Name:	Carolyn Kennedy		Contact Phone:	5058672853	Contact E-mail: cjkennedy@comcast.net		
Total project cost:	500,000		Proposed project start date:		September 2019		
Project Location:	652 State Highway 165		Placitas NM 87043	Latitude:	35.307 N	Longitude: 106.425 W	
Legislative Language:	To plan, design and construct a water well, water storage tanks, water lines and a building, including purchase and installation of related equipment, in Placitas in Sandoval County						
Scope of Work:	To plan, research and purchase a suitable location for an emergency backup water well; procure engineering services to plan and design emergency backup water well for Las Acequias de Placitas domestic water users, including related equipment and water lines; procure contracting services to construct well, related equipment and water lines.						

Secured and Potential Funding Budget:

State Grant Funding should only be requested when all other funding sources have been exhausted if entity is providing matching funds, i.e. Federal, Local Taxes, Fees, NM Finance Authority Loans (NMFA), Tribal Infrastructure Fund (TIF), Water Trust Board (WTB), Public School Facility Authority (PSFA), Colonia's Infrastructure Board (CIB), etc.

Please complete table below with all secured and potential funding sources.

Funding Source(s)	Funding Amount	Applied For? Yes or No	Amount Secured	Amt Expended to Date	Date(s)	
					Received	Comment
CAP	100,000	Yes	100,000	0	2016	SAP 16-A2298-STB
CAP	400,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	500,000		100,000	0		

Project Budget - Complete the Budget below. Only include unfunded or unsecured funds under each project year. Note: Funded to Date column must equal the amounts listed above here.

	Completed	Funded to Date	Estimated Costs Not Yet Funded				Total Project Cost
			2021	2022	2023	2024	
Water Rights	No	0	0	0	0	0	0

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Easements and Rights of Way	No	0	0	0	0	0	0	0	0
Acquisition	No	0	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0	0
Planning	No	20,000	0	0	0	0	0	0	20,000
Design (Engr./Arch.)	No	80,000	0	0	0	0	0	0	80,000
Construction	No	0	400,000	0	0	0	0	0	400,000
Furnishing/Equipment	No	0	0	0	0	0	0	0	0
TOTALS		100,000	400,000	0	0	0	0	0	500,000
Amount Not Yet Funded		400,000							

PHASING BUDGET

Can this project be phased? Yes Stand Alone: No Multi-Phased: Yes

Phasing:

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A project multi-phased approach is used for breaking down very large projects into manageable standalone parts that are independently functional and easier to fund.

If the multi-phase approach is being used it is required to provide accurate dates, costs, and funding sources for prior phases, and be able to provide reasonable projections of dates, costs, and funding sources for future phases. In addition, each multi-phase has three main levels: Planning, Design, and Construction. Each level can be funded individually, however strong emphasis is put on completing all three levels.

Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	100,000	Yes	Yes	No	No	No	12
2	400,000	No	No	Yes	No	No	12
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	500,000						

Infrastructure Capital Improvement Plan FY2021-2025

Has your local government/agency budgeted for operating expenses for the project when it is completed?						No
If no, please explain why: To be determined when project is completed						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	0	0	0	0	0	0
Annual Operating Revenues	0	0	0	0	0	0

Does the project lower operating costs? Yes
If yes, please explain and provide estimates of operating savings Will lower System Operator Costs, estimate to be determined upon completion of project.
Entities who will assume the following responsibilities for this project:

Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
Sandoval County	Las Acequias de Placitas Water Cooperative (LAdP)	LAdP	LAdP	LAdP	LAdP
No	No		No	No	No

Lease/operating agreement in place?

More detailed information on project.

- (a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 16 years or more
- (b) Has the project had public input and buy-in? Yes
- (c) Is the project necessary to address population or client growth and if so, will it provide services to that population or clientele? No
- (d) Regionalism - Does the project directly benefit an entity other than itself? No
- If yes, please list the other entity.
- (e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes
- Please explain. Will be built into contracts, overseen by NM Env. Dept., LAdP Commissioners and System Operator.
- (f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? No
- If yes, please explain.
- (g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

Infrastructure Capital Improvement Plan FY2021-2025

If yes, please explain and provide the number of people that will benefit from the project.	Benefits members of Las Acequias de Placitas Water Cooperative, approximately 180 households	
(h) Does the project eliminate a risk or hazard to public health and/or safety that immediately endangers occupants of the premises such that corrective action is urgent and unavoidable? Emergencies must be documented by a Subject Matter Expert.		Yes
If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)	See Entity Profile	