
Infrastructure Capital Improvement Plan FY 2022-2026

ICIP for Lower Rio Grande Public Water Works Authority

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Vado, NM 88072

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County: Dona Ana

Entity Type: SD

Procurement Officer Name: Kathi Jackson

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Financial Officer Name: Kathi Jackson

Telephone No.: 575-233-3947

Email Address: kathi.jackson@lrgauthority.org

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 Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of nine mutual domestic associations in southern Dona Ana County. The five original mutual domestics that joined together in this effort are the Berino MDWC & MSWA, Desert Sands MDWCA, La Mesa MDWCA, Mesquite MDWC & MSWA, and Vado MDWCA. The Butterfield Park, Organ, and Brazito mutual domestics merged with the Authority in 2012, and the Valle Del Rio Water System was purchased by the Authority in 2016. The High Valley MDWCA merged with the Lower Rio Grande PWWA in 2018. This regional effort currently serves a combined total of more than 500 wastewater and 5,000 residential water connections plus four schools, several dairies, and various small commercial enterprises in fourteen federally-designated Colonias, including Las Palmeras, Montana Vista, the Joy Drive Subdivision, Vado, Del Cerro, La Mesa, Berino, Mesquite, Brazito, Organ, Butterfield Park, Moongate, Cattleland, Mountainview, and Brazito. The Authority has established an emergency back-up water interconnect with the Alto de las Flores MDWCA in San Miguel and provides contract O&M for the system. The Authority also provides contract O&M for the Talavera MDWCA.

The Authority holds public meetings for public input regarding capital improvements. Capital improvements are also discussed at monthly meetings of the Board of Directors. Staff and management provide input. The Board of Directors chooses projects based on critical needs of the system.

Goals

The goals of the Lower Rio Grande Public Water Works Authority include:

- *Developing a regional solution to water quality and availability issues by interconnecting and upgrading existing infrastructure.
- *Developing additional water supplies and treatment options for short-term and long-term sustainability.
- *Developing public and private partnerships to extend water and sewer service to unserved areas.
- *Developing partnerships in support of neighboring community water and sewer systems.
- *Continuing to develop partnerships to make high speed internet available.
- *Continuing to support economic development efforts, quality of life improvements, and energy efficiency upgrades.

Factors/Trends Considered

Residential, commercial, and industrial development of the communities served by the Lower Rio Grande Public Water Works Authority have been impeded by water quality and availability issues, including arsenic, nitrate, and fluoride contamination and poor fire flow. Additionally, there are 16 facilities, primarily dairies, in the process of submitting and implementing a plan to abate pollution of subsurface water in accordance with the requirements and provisions of 20.6.2.4000 through 20.6.2.4115 NMAC. It is the goal of the Lower Rio Grande PWWA to address these and other issues as much as possible to provide for the sustainable development of the communities served by the Authority. The Authority is also going into new areas with unknown environmental issues and concerns.

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Lower Rio Grande Public Water Works Authority Project Summary

ID	Year	Rank	Project Title	Category	Funded					Total Project Cost	Amount Not Yet Funded	Phases?	
					to date	2022	2023	2024	2025				2026
22905	2022	001	Water System Rehabilitation & Improvements	Water - Water Supply	435,632	2,315,941	3,479,347	3,275,671	0	0	9,506,591	9,070,959	Yes
30435	2022	002	Central Operations Facility	Facilities - Administrative Facilities	3,285,619	834,661	0	0	0	0	4,120,280	834,661	No
21301	2022	003	Authority Brazito Sewer Project	Water - Wastewater	22,993,860	4,812,137	0	0	0	0	27,805,996	4,812,137	No
24026	2022	004	System-Wide Information Technology Standardization	Equipment - Other	67,000	1,080,000	150,000	100,000	250,000	0	1,647,000	1,580,000	Yes
19248	2022	005	Authority Interconnect Looping Project	Water - Water Supply	0	100,000	0	0	0	0	100,000	100,000	No
25937	2022	006	40 Year Water Plan Update	Water - Water Supply	0	75,000	0	0	0	0	75,000	75,000	No
25920	2022	007	Water Rights Purchase	Water - Water Rights	0	1,800,000	0	0	0	0	1,800,000	1,800,000	Yes
25096	2022	008	Heavy Equipment Purchase	Equipment - Other	220,000	571,000	100,000	100,000	100,000	100,000	1,191,000	971,000	Yes
30449	2022	009	Contaminant Removal Facilities and Equipment	Water - Water Supply	0	600,000	600,000	600,000	0	0	1,800,000	1,800,000	Yes
21300	2023	001	Water Supply and Treatment Plant	Water - Water Supply	961,684	0	5,000,000	500,000	0	0	6,461,684	5,500,000	No
34438	2023	002	Close Wetlands	Water - Wastewater	250,000	0	150,000	0	0	0	400,000	150,000	No
22906	2023	003	Light Equipment Purchase	Equipment - Other	160,145	0	160,000	90,000	90,000	80,000	580,145	420,000	Yes
27612	2025	001	Green Projects	Other - Other	0	0	0	0	100,000	0	100,000	100,000	No
34436	2025	002	Water Audit	Water - Water Supply	0	0	0	0	50,000	0	50,000	50,000	No
30447	2025	003	Water Master Plan	Water - Water Supply	110,000	0	0	0	50,000	0	160,000	50,000	No

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Number of projects:	15							
	Funded to date:	Year 1:	Year 2:	Year 3:	Year 4:	Year 5:	Total Project Cost:	Total Not Yet Funded:
Grand Totals	28,483,940	12,188,739	9,639,347	4,665,671	640,000	180,000	55,797,696	27,313,756

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ICIP Capital Project Description

Year/Rank 2022 001 **Priority:** High **ID:**22905
Project Title: Water System Rehabilitation & Improvements **Class:** Renovate/Repair **Type/Subtype:** Water - Water Supply
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 9,506,591 **Proposed project start date:** July 2021
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To plan, design, construct, purchase and equip water system rehabilitation and improvements for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: This project will plan, design, and construct water system rehabilitation and system-wide improvements including rehab or replacement of aging and inadequate water system components including wells, booster pumping stations, tanks and other facilities, pipeline connections, looping, line extensions, replacing and upgrading existing water line, bores, and improvements at the neighborhood level, purchasing and installing valves, hydrants, equipment, and appurtenances to include security to sites and facilities. Year one incl permit acquisition, PERs amendments to include Brazito and the East Mesa, and extending service to unserved areas, design, and construction for water line extensions to unserved areas, drying beds to the arsenic treatment facilities, and pump control valves. Year two incl removing old tank and booster pump, rehab and improvement of wells, well houses, booster stations, power and control system upgrades and distribution line upgrades. Year three incl tank rehab, valve and control optimization, well and well house rehab, distribution line upgrades, and more power and control system upgrades. Phase IV incl consolidating water rights for specific wells and relocating them, tank rehab, power and control system upgrades, and distribution line upgrades. A PER was completed by an engineer for some elements including some well and tank rehab. The PER will need to be amended for future phases. This project includes the East Mesa Water System Improvements project. The first phase of the East Mesa project has been designed and we are seeking construction funding. The second phase of the East Mesa project will include amending the PER and designing phase two of the project.

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	50,000	Yes	50,000	50,000	2018	Design
NMFA	50,000	Yes	50,000	50,000	2018	Planning
NMFA	247,152	Yes	247,152	208,251	2019	Design
NMFA	88,480	Yes	88,480	88,480	2019	Construction
CDBG	750,000	No	0	0		
CAP	2,315,941	No	0	0		
NMFA	2,315,941	No	0	0		
FGRANT	6,755,018	No	0	0		

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TOTALS	12,572,532	435,632	396,731
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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
			2022	2023	2024	2025	2026	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	No	0	32,258	10,756	26,891	0	0	69,905
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	No	0	0	0	0	0	0	0
Environmental Studies	No	0	0	0	0	0	0	0
Planning	Yes	100,000	50,000	0	0	0	0	150,000
Design (Engr./Arch.)	No	247,152	201,152	297,834	433,780	0	0	1,179,918
Construction	No	88,480	1,882,531	3,170,757	2,815,000	0	0	7,956,768
Furnishing/Equipment	No	0	150,000	0	0	0	0	150,000
TOTALS		435,632	2,315,941	3,479,347	3,275,671	0	0	9,506,591
Amount Not Yet Funded		9,070,959						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	2,315,941	No	Yes	Yes	Yes	Yes	12

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2	3,479,347	No	Yes	Yes	No	Yes	12
3	3,275,671	No	Yes	Yes	No	Yes	12
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	9,070,959						

Has your local government/agency budgeted for operating expenses for the project when it is completed?							Yes
If no, please explain why:							
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL	
Annual Operating Expenses plus Debt Service	3,000	3,000	3,000	3,000	3,000	15,000	
Annual Operating Revenues	3,000	3,000	3,000	3,000	3,000	15,000	

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

System upgrades will reduce future operation and maintenance costs.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona

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Ana County.

- (e) **Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget?** Yes
Please explain. The project manager will be in charge of oversight for the project.
- (f) **Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy?** Yes
If yes, please explain. The availability of water is a prerequisite for economic growth and development.
- (g) **Does the project benefit all citizens within a recognized region, district or political subdivision?** Yes
If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.
- (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.** No
If yes, please explain. (If mandatory, provide Summary Page of the Federal, State or Judiciary Agency who issued the mandate.)

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ICIP Capital Project Description

Year/Rank 2022 002 **Priority:** High **ID:**30435
Project Title: Central Operations Facility **Class:** New **Type/Subtype:** Facilities - Administrative Facilities
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 4,120,280 **Proposed project start date:** July 2021
Project Location: 325 Holguin Rd. Vado NM 88072 **Latitude:** 320721.87N **Longitude:** 1063931.32W
Legislative Language: To conduct environmental and archaeological studies, plan, design, construct, furnish, and equip a central operations facility, including a driveway with turn lanes, for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: To plan, design, construct, furnish and equip a central operations facility, including landscaping, walkways, and site security, furnishings, information technology and communications equipment and related software, lab equipment, audio visual equipment, parking, solar parking shade structures, a driveway with turn lanes, and office and storage buildings. Project design is complete. The project is pending authorization to bid from NMED.

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	834,661	No	0	0		
NMFA	834,661	No	0	0		
FGRANT	834,661	No	0	0		
FLOAN	834,661	No	0	0		
NMFAL	834,661	No	0	0		
SLOAN	3,285,619	Yes	3,285,619	23,589	2018	
	0	No	0	0		
	0	No	0	0		
TOTALS	7,458,924		3,285,619	23,589		

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
		2022	2023	2024	2025	2026	

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Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	No	15,000	0	0	0	0	0	15,000
Environmental Studies	No	15,000	0	0	0	0	0	15,000
Planning	No	50,000	0	0	0	0	0	50,000
Design (Engr./Arch.)	No	100,000	0	0	0	0	0	100,000
Construction	No	2,920,000	234,661	0	0	0	0	3,154,661
Furnishing/Equipment	No	185,619	600,000	0	0	0	0	785,619
TOTALS		3,285,619	834,661	0	0	0	0	4,120,280
Amount Not Yet Funded		834,661						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	20,000	20,000	20,000	20,000	20,000	100,000
Annual Operating Revenues	20,000	20,000	20,000	20,000	20,000	100,000

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

Administrative and warehouse functions will be consolidations of other small facilities.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Water availability is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

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ICIP Capital Project Description

Year/Rank 2022 003 **Priority:** High **ID:**21301

Project Title: Authority Brazito Sewer Project **Class:** New **Type/Subtype:** Water - Wastewater

Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org

Total project cost: 27,805,996 **Proposed project start date:** July 2021

Project Location: 885 Three Hawks Rd Mesilla Park NM 88047 **Latitude:** 321141.92N **Longitude:** 1064205.59W

Legislative Language: To acquire land, easements, and rights of way, and plan, design, construct, purchase and equip the Mesquite-Brazito sewer collection system extension for the Lower Rio Grande Public Water Works Authority in Dona Ana County.

Scope of Work: This project will acquire land, easements, and rights of way, plan, design, and construct a sewer collection system extension. This project will extend the sewer collection system from Mesquite to Brazito. This is a regional effort that began with a partnership between the Mesquite MDWCA, Brazito MDWCA, and Dona Ana County to extend sewer service from Mesquite to Brazito. The Colonia Community of Brazito has over 500 dwellings, all of which are on individual septic tanks and leach fields. This project will also extend sewer service to two neighborhoods in Mesquite that do not currently have sewer service. A PER has been completed. Project one is completed. Project two has been designed. Additional construction funding is needed.

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	169,257	Yes	169,257	169,257	07 08 14	
FLOAN	8,027,134	Yes	8,027,134	8,027,134	2014	
NMFA	578,108	Yes	578,108	42,817	2013 2014	
LFUNDS	361	Yes	361	361	2013	
CAP	4,812,137	No	0	0		
CDBG	750,000	No	0	0		
FGRANT	8,030,000	Yes	8,030,000	0	2018	
FLOAN	6,189,000	Yes	6,189,000	0	2018	
TOTALS	28,555,996		22,993,860	8,239,569		

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.

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	Completed	Funded to Date	Estimated Costs Not Yet Funded					Total Project Cost
			2022	2023	2024	2025	2026	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	No	150,000	0	0	0	0	0	150,000
Acquisition	No	11,000	0	0	0	0	0	11,000
Archaeological Studies	Yes	21,513	0	0	0	0	0	21,513
Environmental Studies	Yes	21,513	0	0	0	0	0	21,513
Planning	No	85,453	0	0	0	0	0	85,453
Design (Engr./Arch.)	No	1,759,660	0	0	0	0	0	1,759,660
Construction	No	20,735,720	4,812,137	0	0	0	0	25,547,856
Furnishing/Equipment	N/A	209,000	0	0	0	0	0	209,000
TOTALS		22,993,860	4,812,137	0	0	0	0	27,805,996
Amount Not Yet Funded		4,812,137						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0

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5	0	No	No	No	No	No	0
TOTAL	0						

Has your local government/agency budgeted for operating expenses for the project when it is completed?							Yes
If no, please explain why:							
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL	
Annual Operating Expenses plus Debt Service	16,000	17,000	18,000	18,000	21,000	90,000	
Annual Operating Revenues	18,000	20,000	22,000	22,000	25,000	107,000	

Does the project lower operating costs? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

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If yes, please explain. Sewer service is necessary for economic development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision?

Yes

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

1,000 residents will benefit from wastewater improvements.

(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.

No

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

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ICIP Capital Project Description

Year/Rank 2022 004 **Priority:** High **ID:**24026
Project Title: System-Wide Information Technology Standardization **Class:** New **Type/Subtype:** Equipment - Other
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 1,647,000 **Proposed project start date:** July 2021
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To plan, design, purchase, install, construct, furnish and equip system-wide information technology for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: This project will plan, design, purchase, construct/install system-wide standardized information technology to include computer hardware and software, GPS tracking for vehicles, SCADA system (for well/pump/tank control/lift stations), security fences and cameras, radio-read water meters, and associated technology, equipment, licenses, GIS, GPS, computers, printers, office equipment, module to email bills, pressure monitoring equipment, water quality analyzers, automatic shut off for gas equipment, new servers, desktop and laptop computers, and fixtures. This project will install SCADA in Butterfield Park to integrate with the Organ SCADA system. The Authority received capital outlay funding towards meters and has budgeted local funds for the time clock.

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
LFUNDS	17,000	Yes	17,000	17,000	2019	
CAP	50,000	Yes	50,000	50,000	2019	
CAP	1,080,000	No	0	0		
FGRANT	1,080,000	No	0	0		
FLOAN	1,080,000	No	0	0		
SGRANT	1,080,000	No	0	0		
SLOAN	1,080,000	No	0	0		
CDBG	750,000	No	0	0		
TOTALS	6,217,000		67,000	67,000		

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.
_____ Estimated Costs Not Yet Funded _____

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	Completed	Funded to Date	2022	2023	2024	2025	2026	Total Project Cost
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	No	0	20,000	0	0	0	0	20,000
Design (Engr./Arch.)	No	0	60,000	0	0	0	0	60,000
Construction	No	0	400,000	0	0	0	0	400,000
Furnishing/Equipment	No	67,000	600,000	150,000	100,000	250,000	0	1,167,000
TOTALS		67,000	1,080,000	150,000	100,000	250,000	0	1,647,000
Amount Not Yet Funded		1,580,000						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	1,080,000	Yes	Yes	Yes	Yes	No	12
2	150,000	No	No	No	Yes	No	6
3	100,000	No	No	No	Yes	No	6
4	250,000	No	No	No	Yes	No	6
5	0	No	No	No	No	No	0

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TOTAL	1,580,000
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Has your local government/agency budgeted for operating expenses for the project when it is completed?							Yes
If no, please explain why:							
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL	
Annual Operating Expenses plus Debt Service	500	500	500	500	500	2,500	
Annual Operating Revenues	500	500	500	500	500	2,500	

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

The information technology upgrades will allow the system to function more efficiently.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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?** Yes

(d) **Regionalism - Does the project directly benefit an entity other than itself?** Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) **Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget?** Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) **Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy?** Yes

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If yes, please explain. Water availability is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision?

Yes

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

14,882 residents will benefit from an improved water system.

(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.

No

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

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ICIP Capital Project Description

Year/Rank 2022 005 **Priority:** High **ID:**19248
Project Title: Authority Interconnect Looping Project **Class:** New **Type/Subtype:** Water - Water Supply
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 100,000 **Proposed project start date:** July 2021
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To conduct archaeological and environmental reviews and to plan for water system improvements for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: This project will create a PER, environmental, and archaeological documents for large-diameter piping interconnections to loop the entire regional system. There are five sections involved: The first extends from Berino Rd, continuing south on Stern Dr, west on Ohara Rd, looping north up Hwy 460 to Stern Dr. The section extends from 460 west on Lipps, down Venadito, south to Ohara Rd, west to Hwy 478, and north to Joy Rd. The third extends from the East Side Canal in Berino west on Berino Rd to Hwy 28, north on Hwy 28 into La Mesa, along Castillo Rd to Archer Farms Rd. The fourth extends from Smokey Rd on Hwy 192 to Well #6 at John Grisham in Mesquite. The fifth extends from Hwy 478 to Stern on Lechuca Road. The sixth will extend from Mesquite Drive to Yucca west on Yucca to Three Hawks and then back to the well and tank site. This project will be constructed in phases. Large-diameter pipeline will be installed in sections and sub-sections as funding permits. Upon funding availability, the Authority will follow state procurement to hire an engineering firm to complete the planning study.

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
CDBG	50,000	No	0	0		
NMFA	50,000	No	0	0		
FGRANT	100,000	No	0	0		
SLOAN	100,000	No	0	0		
CAP	100,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	400,000		0	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.

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	Completed	Funded to Date	Estimated Costs Not Yet Funded					Total Project Cost
			2022	2023	2024	2025	2026	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	No	0	15,000	0	0	0	0	15,000
Environmental Studies	No	0	15,000	0	0	0	0	15,000
Planning	No	0	70,000	0	0	0	0	70,000
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		0	100,000	0	0	0	0	100,000
Amount Not Yet Funded		100,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
3	0	No	No	No	No	No	0
4	0	No	No	No	No	No	0

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5	0	No	No	No	No	No	0
TOTAL	0						

Has your local government/agency budgeted for operating expenses for the project when it is completed?							No
If no, please explain why: Not applicable for a planning project.							
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? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

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If yes, please explain. The availability of water is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision?

Yes

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

14,882 residents will benefit from an improved water system.

(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.

No

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

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ICIP Capital Project Description

Year/Rank 2022 006 **Priority:** High **ID:**25937
Project Title: 40 Year Water Plan Update **Class:** Replace Existing **Type/Subtype:** Water - Water Supply
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 75,000 **Proposed project start date:** July 2021
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To update the 40 Year Water Plan for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: This project will update the 40 Year Water Plan in light of the new merger with the Organ Water & Sewer Association, the Butterfield Park MDWCA, the Brazito MDWCA, and the High Valley MDWCA, and the purchase of the Valle Del Rio water system. This is a planning project.

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	75,000	No	0	0		
CDBG	50,000	No	0	0		
NMFA	75,000	No	0	0		
OTHER	75,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	275,000		0	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
			2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0

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Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	No	0	75,000	0	0	0	0	75,000
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		0	75,000	0	0	0	0	75,000
Amount Not Yet Funded		75,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	No					
If no, please explain why: There are no operating expenses for this plan.						
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? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	N/A	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. The availability of water is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

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ICIP Capital Project Description

Year/Rank 2022 007 **Priority:** High **ID:**25920
Project Title: Water Rights Purchase **Class:** New **Type/Subtype:** Water - Water Rights
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 1,800,000 **Proposed project start date:** July 2021
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To purchase water rights for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: To purchase water rights for the Lower Rio Grande Public Water Works Authority water system. The Authority will look at the list of people who have water rights they would like to sell. When they have located the water rights they will check with the Office of the State Engineer to make sure they are permitted and to see if they can transfer them to a different site.

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	1,800,000	No	0	0		
FGRANT	1,800,000	No	0	0		
LFUNDS	1,800,000	No	0	0		
NMFA	1,800,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	7,200,000		0	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	
			2022	2023	2024	2025		2026
Water Rights	No	0	1,800,000	0	0	0	0	1,800,000

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Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		0	1,800,000	0	0	0	0	1,800,000
Amount Not Yet Funded		1,800,000						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	300,000	No	No	No	No	Yes	18
2	300,000	No	No	No	No	Yes	18
3	300,000	No	No	No	No	Yes	18
4	300,000	No	No	No	No	Yes	18
5	600,000	No	No	No	No	Yes	18
TOTAL	1,800,000						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	No					
If no, please explain why: There are no operating costs for water rights.						
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? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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?** Yes
- (d) **Regionalism - Does the project directly benefit an entity other than itself?** Yes
If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.
- (e) **Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget?** Yes
Please explain. The project manager will be in charge of oversight for the project.
- (f) **Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy?** Yes
If yes, please explain. The availability of water is a prerequisite for economic growth and development.
- (g) **Does the project benefit all citizens within a recognized region, district or political subdivision?** Yes
If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from a water system that has adequate water rights to meet

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current and future demand.

(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.

No

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

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ICIP Capital Project Description

Year/Rank 2022 008 **Priority:** High **ID:**25096
Project Title: Heavy Equipment Purchase **Class:** New **Type/Subtype:** Equipment - Other
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 1,191,000 **Proposed project start date:** July 2021
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To purchase equipment for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: This project will involve the purchase of heavy equipment including vactor trucks, front end loaders, graders, water trucks, trailers for portable generators, skid steers with attachments, and backhoes with trailers.

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	571,000	No	0	0		
NMFAL	571,000	No	0	0		
NMFA	571,000	No	0	0		
LFUNDS	571,000	No	0	0		
CAP	120,000	Yes	120,000	60,000	2019	Mini excavator
CAP	100,000	Yes	100,000	100,000	2019	Dump truck
	0	No	0	0		
	0	No	0	0		
TOTALS	2,504,000		220,000	160,000		

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
			2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0

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Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	No	220,000	571,000	100,000	100,000	100,000	100,000	1,191,000
TOTALS		220,000	571,000	100,000	100,000	100,000	100,000	1,191,000
Amount Not Yet Funded		971,000						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	571,000	No	No	No	Yes	No	2
2	100,000	No	No	No	Yes	No	2
3	100,000	No	No	No	Yes	No	2
4	100,000	No	No	No	Yes	No	2
5	100,000	No	No	No	Yes	No	2
TOTAL	971,000						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	14,000	15,000	16,000	17,000	18,000	80,000
Annual Operating Revenues	14,000	15,000	16,000	17,000	18,000	80,000

Does the project lower operating costs? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	N/A	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) **How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement?** 10-15 years

(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?** Yes

(d) **Regionalism - Does the project directly benefit an entity other than itself?** Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) **Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget?** Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) **Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy?** Yes

If yes, please explain. Water availability is a prerequisite for economic growth and development.

(g) **Does the project benefit all citizens within a recognized region, district or political subdivision?** Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

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Water Rights		0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	60,000	60,000	60,000	0	0	180,000
Design (Engr./Arch.)	No	0	68,000	68,000	68,000	0	0	204,000
Construction	No	0	332,000	332,000	332,000	0	0	996,000
Furnishing/Equipment	No	0	140,000	140,000	140,000	0	0	420,000
TOTALS		0	600,000	600,000	600,000	0	0	1,800,000
Amount Not Yet Funded		1,800,000						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	600,000	Yes	Yes	Yes	Yes	No	12
2	600,000	Yes	Yes	Yes	Yes	No	12
3	600,000	Yes	Yes	Yes	Yes	No	12
4	0	No	No	No	No	No	0
5	0	No	No	No	No	No	0
TOTAL	1,800,000						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?						Yes
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	30,000	60,000	90,000	90,000	90,000	360,000
Annual Operating Revenues	30,000	60,000	90,000	90,000	90,000	360,000

Does the project lower operating costs? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. The availability of water is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

Infrastructure Capital Improvement Plan FY2022-2026

ICIP Capital Project Description

Year/Rank 2023 001 **Priority:** High **ID:**21300
Project Title: Water Supply and Treatment Plant **Class:** New **Type/Subtype:** Water - Water Supply
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 6,461,684 **Proposed project start date:** July 2022
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320721.87N **Longitude:** 1063931.32W
Legislative Language: To plan, design, construct, purchase, install, furnish and equip a water treatment plant for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: This project will plan, design, and construct a water treatment plant, including arsenic treatment, and a well. A water treatment plant and well will provide an additional source of water for many uses to the communities served by the Lower Rio Grande Public Water Works Authority. The PER has been approved and the design has been completed and approved. The project is pending approval to bid.

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
SGRANT	125,000	Yes	125,000	125,000	2009	
CAP	149,684	Yes	149,684	149,684	2009	
SGRANT	687,000	Yes	687,000	687,000	2012	
FGRANT	4,966,400	Yes	4,966,400	0	2019	
CDBG	750,000	No	0	0		
NMFA	500,000	No	0	0		
CAP	500,000	No	0	0		
	0	No	0	0		
TOTALS	7,678,084		5,928,084	961,684		

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.							
			Estimated Costs Not Yet Funded				
Completed	Funded to Date	2022	2023	2024	2025	2026	Total Project Cost

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Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	Yes	125,000	0	0	0	0	0	125,000
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	Yes	203,016	0	0	0	0	0	203,016
Design (Engr./Arch.)	Yes	633,668	0	0	0	0	0	633,668
Construction	No	0	0	5,000,000	500,000	0	0	5,500,000
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		961,684	0	5,000,000	500,000	0	0	6,461,684
Amount Not Yet Funded		5,500,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	0	10,000	10,000	10,000	10,000	40,000
Annual Operating Revenues	0	10,000	10,000	10,000	10,000	40,000

Does the project lower operating costs? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Water availability is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

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ICIP Capital Project Description

Year/Rank 2023 002 **Priority:** High **ID:**34438
Project Title: Close Wetlands **Class:** Renovate/Repair **Type/Subtype:** Water - Wastewater
Contact Name: Karen Nichols **Contact Phone:** 9152032057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 400,000 **Proposed project start date:** July 2022
Project Location: 325 Holguin Rd. Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To plan, design, construct, purchase, and equip the closing of the wetlands for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: To design and construct the closing of the wetlands for the Lower Rio Grande Public Water Works Authority in Dona Ana County. The project will include filling five existing wells, drilling monitoring wells, and earthwork to create a pond for runoff. Design is in review. Pending authorization to bid.

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	250,000	Yes	250,000	26,006	2019	Design, construction, permits
SGRANT	150,000	No	0	0		
CDBG	150,000	No	0	0		
NMFA	150,000	No	0	0		
FGRANT	150,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	850,000		250,000	26,006		

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
			2022	2023	2024	2025	2026	
Water Rights	N/A	0	0	0	0	0	0	0

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Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	No	50,000	0	0	0	0	0	50,000
Construction	No	200,000	0	150,000	0	0	0	350,000
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		250,000	0	150,000	0	0	0	400,000
Amount Not Yet Funded		150,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	Yes					
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	500	500	500	500	500	2,500
Annual Operating Revenues	500	500	500	500	500	2,500

Does the project lower operating costs? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will oversee the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Protecting the region's water supply is necessary for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from the water system remaining in compliance with

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regulations.

(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.

No

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

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Easements and Rights of Way	N/A	0	0	0	0	0	0	0
Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	N/A	0	0	0	0	0	0	0
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	No	160,145	0	160,000	90,000	90,000	80,000	580,145
TOTALS		160,145	0	160,000	90,000	90,000	80,000	580,145
Amount Not Yet Funded		420,000						

PHASING BUDGET

Can this project be phased? Yes

Phasing: Stand Alone: No Multi-Phased: Yes

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.

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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	90,000	No	No	No	Yes	No	2
2	90,000	No	No	No	Yes	No	2
3	90,000	No	No	No	Yes	No	2
4	90,000	No	No	No	Yes	No	2
5	0	No	No	No	No	No	0
TOTAL	360,000						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?						Yes
If no, please explain why:						
ANNUAL OPERATING BUDGET	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	TOTAL
Annual Operating Expenses plus Debt Service	0	15,000	16,000	16,000	16,000	63,000
Annual Operating Revenues	0	15,000	16,000	16,000	16,000	63,000

Does the project lower operating costs?

Yes

If yes, please explain and provide estimates of operating savings

These vehicles will replace high mileage vehicles.

Entities who will assume the following responsibilities for this project:

	Fiscal Agent:	Own:	Operate:	Own Land:	Own Asset:	Maintain:
	LRGPWWA	LRGPWWA	LRGPWWA	N/A	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

(a) How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement? 10-15 years

(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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Water availability is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

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ICIP Capital Project Description

Year/Rank 2025 001 **Priority:** High **ID:**27612
Project Title: Green Projects **Class:** New **Type/Subtype:** Other - Other
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 100,000 **Proposed project start date:** July 2024
Project Location: 325 Holguin Road Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To conduct planning/feasibility studies for green projects including solar installations, wind power, and water reclamation for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: To conduct planning/feasibility studies for green projects including solar installations, wind power, and water reclamation.

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
FGRANT	100,000	No	0	0		
FLOAN	100,000	No	0	0		
CAP	100,000	No	0	0		
NMFA	100,000	No	0	0		
CDBG	50,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	450,000		0	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
			2022	2023	2024	2025	2026	
Water Rights	N/A	0	0	0	0	0	0	0

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

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	No					
If no, please explain why: This is a planning study.						
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? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

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? Yes

(d) Regionalism - Does the project directly benefit an entity other than itself? Yes

If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.

(e) Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget? Yes

Please explain. The project manager will be in charge of oversight for the project.

(f) Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy? Yes

If yes, please explain. Water availability is a prerequisite for economic growth and development.

(g) Does the project benefit all citizens within a recognized region, district or political subdivision? Yes

If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.)

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ICIP Capital Project Description

Year/Rank 2025 002 **Priority:** High **ID:**34436
Project Title: Water Audit **Class:** New **Type/Subtype:** Water - Water Supply
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 50,000 **Proposed project start date:** July 2024
Project Location: 325 Holguin Rd. Vado NM 88072 **Latitude:** 320705.25N **Longitude:** 1063946.02W
Legislative Language: To conduct a water audit for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: To hire a consultant to conduct a water audit.

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
CDBG	50,000	No	0	0		
NMFA	50,000	No	0	0		
NMFAL	50,000	No	0	0		
OTHER	50,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	200,000		0	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
			2022	2023	2024	2025	2026	
Water Rights	N/A	0	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0	0

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Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	No	0	0	0	0	50,000	0	50,000
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		0	0	0	0	50,000	0	50,000
Amount Not Yet Funded		50,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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 (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	No					
If no, please explain why: No operating costs for a planning project.						
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? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	NA	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

- (a) **How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement?** 10-15 years
- (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?** Yes
- (d) **Regionalism - Does the project directly benefit an entity other than itself?** Yes
If yes, please list the other entity. The Lower Rio Grande Public Water Works Authority represents the successful grassroots regionalization effort of ten water providers in southern Dona Ana County.
- (e) **Are there oversight mechanisms built in that would ensure timely construction and completion of the project on budget?** Yes
Please explain. The project manager will oversee the project.
- (f) **Other than the temporary construction jobs associated with the project, does the project maintain or advance the region's economy?** Yes
If yes, please explain. The availability of water is a prerequisite for economic growth and development.
- (g) **Does the project benefit all citizens within a recognized region, district or political subdivision?** Yes
If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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

Infrastructure Capital Improvement Plan FY2022-2026

ICIP Capital Project Description

Year/Rank 2025 003 **Priority:** High **ID:**30447
Project Title: Water Master Plan **Class:** New **Type/Subtype:** Water - Water Supply
Contact Name: Karen Nichols **Contact Phone:** 915-203-2057 **Contact E-mail:** karen.nichols@lrgauthority.org
Total project cost: 160,000 **Proposed project start date:** July 2024
Project Location: 325 Holguin Rd. Vado NM 88072 **Latitude:** 320721.87N **Longitude:** 1063931.32W
Legislative Language: To create a Water Master Plan for the Lower Rio Grande Public Water Works Authority in Dona Ana County.
Scope of Work: To create a Water Master Plan for the south valley and east mesa zones to include water modeling.

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
LFUNDS	60,000	Yes	60,000	0	2019	Match and leveraged funds
CDBG	50,000	Yes	50,000	0	2019	
NMFA	50,000	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
	0	No	0	0		
TOTALS	160,000		110,000	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
			2022	2023	2024	2025	
Water Rights	N/A	0	0	0	0	0	0
Easements and Rights of Way	N/A	0	0	0	0	0	0

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Acquisition	N/A	0	0	0	0	0	0	0
Archaeological Studies	N/A	0	0	0	0	0	0	0
Environmental Studies	N/A	0	0	0	0	0	0	0
Planning	No	110,000	0	0	0	50,000	0	160,000
Design (Engr./Arch.)	N/A	0	0	0	0	0	0	0
Construction	N/A	0	0	0	0	0	0	0
Furnishing/Equipment	N/A	0	0	0	0	0	0	0
TOTALS		110,000	0	0	0	50,000	0	160,000
Amount Not Yet Funded		50,000						

PHASING BUDGET

Can this project be phased? No

Phasing: Stand Alone: Yes Multi-Phased: No

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Phase	Amount	Plan	Design	Construct	Furnish/Equip	Other (Wtr Rights, Easements, Acq)	# Mos to Complete
1	0	No	No	No	No	No	0
2	0	No	No	No	No	No	0
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	0						

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Has your local government/agency budgeted for operating expenses for the project when it is completed?	No					
If no, please explain why: N/A for a planning project.						
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? No

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:
	LRGPWWA	LRGPWWA	LRGPWWA	N/A	LRGPWWA	LRGPWWA
Lease/operating agreement in place?	No	No		No	No	No

More detailed information on project.

- (a) **How many years is the requested project expected to be in use before needing Renovate/Repair or Replacement?** 10-15 years
- (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?** Yes
- (d) **Regionalism - Does the project directly benefit an entity other than itself?** Yes
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If yes, please explain. The availability of water is a prerequisite for economic growth and development.
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If yes, please explain and provide the number of people that will benefit from the project. 14,882 residents will benefit from an improved water system.

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(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.

No

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