

Water Efficiency Rebates

US Bureau of Reclamation WaterSMART Grants: FOA No. BOR-DO-17-F011



Marian Wrage, Project Manager,
mwrage@rrnm.gov, (505) 896-8737 Office,
(505) 891-5201 Fax
City of Rio Rancho, 3200 Civic Center Circle
NE, Rio Rancho, NM 87144

Table of Contents

Technical Proposal and Evaluation Criteria	2
Executive Summary	2
Background Data	2
Project Description.....	5
Evaluation Criteria	6
Evaluation Criterion A – Planning Efforts Supporting the Project.....	6
Evaluation Criterion B – Project Benefits	6
Evaluation Criterion C – Project Implementation	8
Evaluation Criterion D – Nexus to Reclamation	9
Environmental and Cultural Resources Compliance	10
Required Permits or Approvals.....	11
Official Resolution.....	12
Project Budget.....	12
Funding Plan and Letters of Commitment.....	12
Budget Proposal	12
Budget Narrative	13
Salaries and Wages	13
Fringe Benefits.....	13
Travel	13
Equipment.....	14
Materials and Supplies	14
Contractual.....	14
Environmental and Regulatory Compliance Costs	14
Other Expenses	14
Indirect Costs	14
Total Costs	14

Technical Proposal and Evaluation Criteria

Executive Summary

Project: Water Efficiency Rebates

Date: February 24, 2017

Applicant: City of Rio Rancho
3200 Civic Center Circle NE
Rio Rancho, NM 87144-4501
Sandoval County, New Mexico

Project Manager: Marian Wrage, Environmental Programs Manager
3200 Civic Center Circle NE
Rio Rancho, NM 87144-4501
(505) 896-8737 office, (505) 891-5201 fax
mwrage@rrnm.gov

Monetary Manager: Kathy Fox, Grants Administrator
3200 Civic Center Circle NE
Rio Rancho, NM 87144-4501
(505) 896-8350
kfox@rrnm.gov

The City of Rio Rancho (City) has had an indoor water efficiency rebate program for a number of years. Water Conservation Strategy C.3, as stated in the Water Resources Management Plan (WRMP), is to “Expand the current rebate program to include additional incentives for investing in water conservation practices”. This grant request is for \$30,000 to assist the City of Rio Rancho to expand the current rebate program to include outdoor efficiency measures and devices. This project contributes to the Bureau of Reclamation’s Water Conservation Eligible Projects (C.3.1) of Landscape irrigation Measures and High Efficiency Indoor Appliances and Fixtures. The Water Efficiency Rebates project will begin on September 1, 2017 and is estimated to be completed by August 30, 2019. The project is not on a federal facility.

Background Data

The Water Resources Management Plan (WRMP), adopted by the City of Rio Rancho Utilities Commission in 2004, details water efficiencies and water conservation measures to be taken by the City to better manage the existing water supplies. Through grant assistance in 2012 by the Water Conservation Field Services Program of the Bureau of Reclamation, the WRMP was evaluated and an update was completed in 2014. The 2014 WRMP was approved by both the Utilities Commission and the Governing Body and a copy was sent to both Reclamation and the New Mexico Office of the State Engineer. Water conservation is the cornerstone in the WRMP. Conservation will delay the need to acquire additional water rights and allow additional growth to occur within the existing permitted pumping and water rights.

The City of Rio Rancho views water conservation as one of the most important elements of the sustainability initiative. In fact, recognizing the importance of a vigorous water conservation program, the City of Rio Rancho committed to provide funding, staff, support, and resources to accomplish the policies in the WRMP.

The City of Rio Rancho Strategic Plan was formally adopted by the City of Rio Rancho governing body on March 25, 2009. One important element of the Infrastructure Strategies section pertains to water sustainability and conservation to support growth and development of the City.

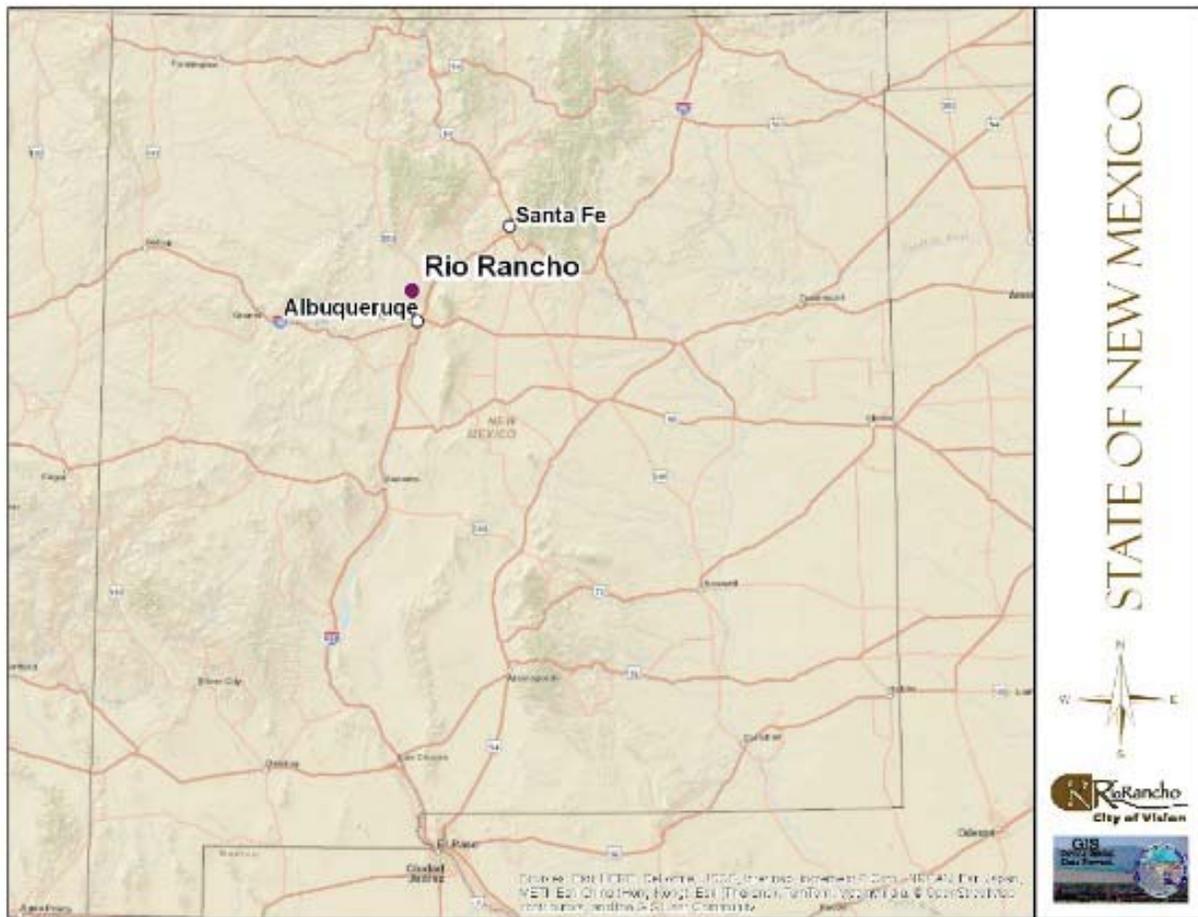


Figure 1: Location of the City of Rio Rancho in Relation to Albuquerque and Santa Fe in New Mexico.

gallons each for a total of 42 million gallons storage. The City has ten pressure zones in the city. The City purchases electricity from the Public Service Company of New Mexico (PNM) for all pumping and treatment of the drinking water at a cost of over \$2,000,000 a year.

City of Rio Rancho has both past and current working relationships with Bureau of Reclamation with several grants:

- Assistance with implementation of the Rio Rancho Children's Water Festival in 2009 to 2011. The Children's Water Festival is designed to bring over 1,400 fourth grade students to one location to learn about water conservation, watersheds, water quality, etc., with hands-on activities.
- Through grant assistance in 2012 by the Water Conservation Field Services Program of the Bureau of Reclamation, the Water Resources Management Plan was evaluated and an update was completed in 2014.
- The City currently has a Bureau of Reclamation grant to assist with customer water audits. This grant will end in 2018.

The Census Bureau's population growth projections for New Mexico add 800,000 people to the state by 2030.¹ This is an increase of 40 percent over the state's population in 2000. The municipal water supply in Rio Rancho, New Mexico is from groundwater. It has been recognized that this groundwater is being mined and this may increase the impact on Bureau of Reclamation projects such as the Middle Rio Grande Project Area. More efficient use of water supplies will provide better water quantity and quality for the fish and wildlife habitat, especially for endangered species such as the Rio Grande Silvery Minnow (*Hybognathus amarus*) and the Willow Flycatcher (*Empidonas traillii extimus*).

Project Description

The City has limited funds for water efficiency rebates such that the focus has been on indoor efficiency fixtures. Because of the rebates offered to customers, and other water conservation measures and techniques, the measurement of gallons of water per capita per day (GPCD) have been steadily reduced. If awarded this grant, additional funding will be available to introduce outdoor water efficiency rebates for commercial, irrigation, and residential applications; an area that the City has not focused on. Water customers and local landscaping companies have been requesting outdoor rebates for a number of years.

The City is fairly young, incorporating in 1981, but when it was first developing, many subdivisions included turf grass in the yards and along medians. Commercial companies were required to include turf grass at their entrances and along the sides of building for aesthetic purposes. In the mid-1990s, the grass mind-set was changing because of research and estimates about how much water was in the local aquifer.

By including outdoor water efficiency to the rebate portfolio, the City expects to see another reduction in GPCD, allowing the water resources to be stretched further for future generations. The City expects to see the GPCD drop to 110 gallons per person or lower for system-wide GPCD estimates.

¹ U.S. Census Bureau, U.S. Census 2000

Evaluation Criteria

Evaluation Criterion A – Planning Efforts Supporting the Project

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

As stated earlier, the 2014 update to the WRMP, approved by both the Utilities Commission and the Governing Body, details water efficiencies and water conservation measures to be taken by the City to better manage the existing water supplies. There are several Initiatives included in the WRMP: Conservation, Education Outreach, Water Reuse, Water Supply & Infrastructure, Source Water Planning, Economic Development, and Enforcement. Implementation Strategy C.3 of the WRMP states, “Expand the current rebate program to include additional incentives for investing in water conservation practices”. The list of actions for C.3 include: 1) request funding to pay for the additional water conservation programs, and 2) add a new rebate program for landscape irrigation efficiency.

Including outdoor rebates into the rebate program will reduce water use. The Water Efficiency Rebate project will also enhance Implementation Strategy C.1 of the WRMP to “reduce per capita water use”. Conservation will delay the need to acquire additional water rights and allow additional growth to occur within the existing permitted pumping and water rights.

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

WRMP Implementation Strategy C.3 (rebates) has a “3” priority, with “1” being highest. Implementation Strategy C.1 (reduce GPCD) has a “2” priority. These priorities were discussed and set during a meeting where the WRMP was presented to the public. Most of the “1” priority Initiative Strategies are being implemented by City staff. Other Bureau of Reclamation grant funding requests have been applied for during the current fiscal year to assist with other City priority “1” projects.

Evaluation Criterion B – Project Benefits

- *Describe the expected benefits and outcomes of implementing the proposed project.*
 - *What are the benefits to the applicant’s water supply delivery system?*

The City of Rio Rancho has only one drinking water source, the Santa Fe Group Aquifer. Besides the benefit of reduced water use, thereby extending the life of the supply for the future, there is the benefit of reduced costs of electricity to pump the water from the ground and boost the water to the storage tanks.

- *If other benefits are expected explain those as well. Consider the following:*
 - *Extent to which the proposed project improves overall water supply reliability*

As stated earlier, the City has had an indoor rebate program for a number of years. Figures 3 and 4 detail information regarding fiscal year 2016 rebates and the anticipated water saved as a result of these rebates.

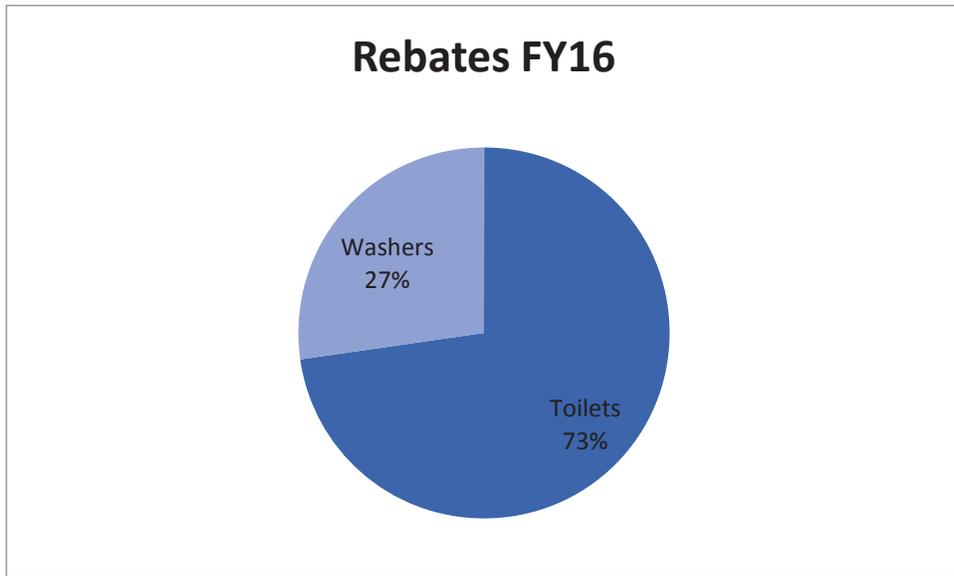


Figure 3: Percentage of Toilets vs. Washers for the Rebate Program during FY16.

Figure 3 shows the ratio of the rebates for clothes washers to toilets given under the Rebate Program this during fiscal year 2016.

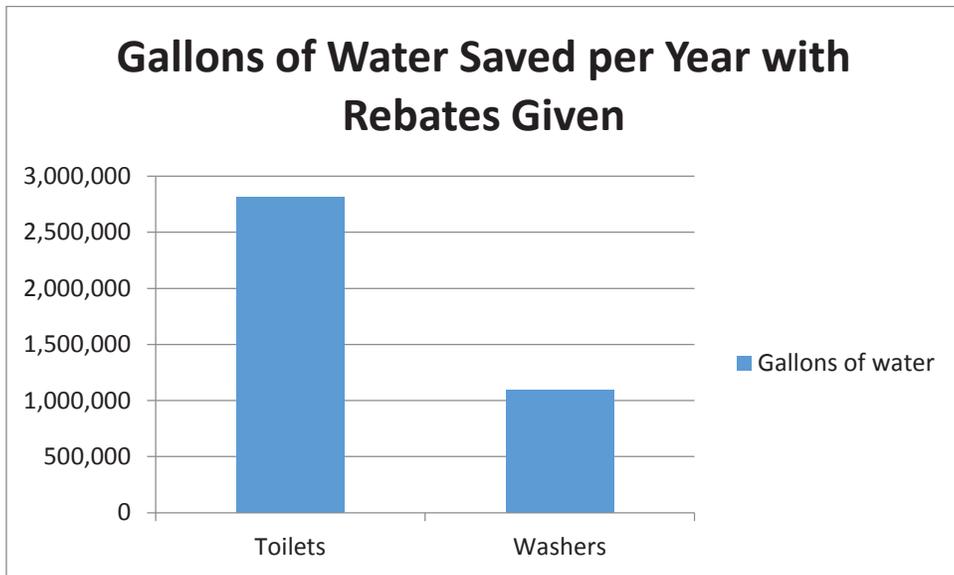


Figure 4 Water Saved per Year Due to Replaced Toilets and Washers with the Rebate Program.

Figure 4 shows the anticipated gallons of water saved over a one year period for the indoor fixtures and appliances replaced during fiscal year 2016 with the Rebate Program. For toilets,

the calculations assume a savings of 2.2 gallons per toilet, five flushes per day, and 2.5 people per day using the toilet over a one-year period. For clothes washers, a water savings of 20 gallons per load and ten loads per week for 52 weeks.

Discussions with landscape contractors and irrigation suppliers have estimated a 30% water savings by changing traditional sprinkler heads to water efficient heads and changing traditional irrigation control systems to Smart Controllers. The goal for this project is to encourage 10% of the irrigation customers to change to water efficient fixtures and Smart Controllers.

Total irrigation for City and commercial customers was 459,373,000 gallons of water in calendar year 2016. Assuming both 10% of the change-over and an estimated savings of 20%, the irrigation water saved would be 9,187,460 gallons.

459,373,000 gallons * 10% * 20% = 9,187,460 gallons saved from irrigation
And, 9,187,460 gallons outdoor + 3,500,000 gallons indoor = 12,687,460 total gallons saved

For the Water Efficient Rebates project, the City will pull a two-year history of irrigation water use to compare pre-conservation to post-conservation and include the information in the reports to Reclamation.

- *The expected scope of positive impact from the proposed project (e.g., local, sub-basin, basin)*

The estimated water savings of about 12 million gallons per year will have a positive impact on the declining aquifer level.

- *Extent to which the proposed project will increase collaboration and information sharing among water managers in the region*

The City, along with many other water managers, is a member of the New Mexico Water Conservation Alliance; a state-side organization. Information on this Water Efficiency Rebate project, including lessons-learned, will be shared at one or more of their meetings.

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

There will be positive impacts and benefits to local sectors and economy. This Water Efficiency Rebate project will boost the local economy resulting from purchases of new water-efficient technologies and fixtures and also for contractors needed to install outdoor fixtures and to replace turf grass with xeriscaping.

Evaluation Criterion C – Project Implementation

- *Describe the implementation plan for the proposed project. Please include an estimated project schedule that shows the stages and duration of the proposed work, including major tasks, milestones, and dates.*

The City has indoor rebates for water utility customers for toilets, clothes washers, and evaporative cooler thermostats. To bring outdoor rebates into the program, we will need to:

1. Submit a resolution to the City's Governing Body to introduce and support the outdoor rebate program (estimated time frame of June 2017).
 2. Decide on the policies and procedures for the outdoor rebate portion of the program (estimated time frame of August 2017).
 3. Advertise the complete rebate program, including outdoor rebates, to the water utility customers through ads placed in the local newspaper and movie-theater, post on billboards, include in the quarterly utility newsletter, and on the City website (beginning about August 2017).
 4. Meet with local landscape companies and irrigation supply stores to discuss how to obtain the outdoor rebates for their customers. Meet with local stores that sell toilets, clothes washers, and thermostats to discuss how to help their customers obtain the indoor rebates (beginning about August 2017).
 5. Begin paying for outdoor and indoor rebates as a credit to the customer's water bill (beginning about September 2017).
- *Describe any permits that will be required, along with the process for obtaining such permits.*

No permits are required for this project.

- *Identify and describe any engineering or design work performed specifically in support of the proposed project.*

There are no engineering or design work needed for this project.

- *Describe any new policies or administrative actions required to implement the project.*

A resolution will need to be introduced to and approved by the City's Governing Body detailing the outdoor rebate portion of the Water Efficiency Rebates project. The City's Water Conservation Office will also need to design policies and standard operating procedures for the outdoor rebate portion of the Water Efficiency Rebates project. Indoor rebates are already occurring.

Evaluation Criterion D – Nexus to Reclamation

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

The Water Efficiency Rebate project is not connected to a Reclamation project or activity.

- *Will the project help Reclamation meet trust responsibilities to any tribe(s)?*

No, the Water Efficiency Rebate project will not assist Reclamation with trust responsibilities to any tribe.

- *Does the applicant receive Reclamation project water?*

No, the City of Rio Rancho does not receive Reclamation project water.

- *Is the project in the same basin as a Reclamation project or activity?*

The Water Efficiency Rebate project is in the Rio Grande basin.

- *Will the proposed work contribute water to a basin where a Reclamation project is located?*

The Water Efficiency Rebates project will allow the conserved water to remain in the Santa Fe Group Aquifer for use by the City at a future date. The project will not contribute water to a basin where a Reclamation project is located.

Environmental and Cultural Resources Compliance

- *Will the proposed project impact the surrounding environment (e.g., soil [dust], air, water [quality and quantity], animal habitat)? Please briefly describe all earth-disturbing work and any work that will affect the air, water, or animal habitat in the project area. Please also explain the impacts of such work on the surrounding environment and any steps that could be taken to minimize the impacts.*

The Water Efficiency Rebates project will have minor impact on the surrounding environment. For outdoor sprinkler head replacement, there may be a small amount of digging to remove the old heads and install the efficient sprinkler heads. There will be earth-disturbing work associated with turf grass removal and installation of xeric landscape plants and materials. All indoor rebates will not disturb any earth.

- *Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area? If so, would they be affected by any activities associated with the proposed project?*

No species would be in the area during the indoor rebates activities. The Rio Grande Silvery Minnow (*Hybognathus amarus*) and the Willow Flycatcher (*Empidonas traillii extimus*) are found near and in the Rio Grande and will not be affected because the outdoor rebates will be at residences, schools, and parks.

- *Are there wetlands or other surface waters inside the project boundaries that potentially fall under Clean Water Act (CWA) jurisdiction as “Waters of the United States?” If so, please describe and estimate any impacts the proposed project may have.*

There are no wetlands or surface waters that potentially fall under Clean Water Act (CWA) in the area.

- *When was the water delivery system constructed?*

The City of Rio Rancho is relatively new, incorporating in 1981. Many of the wells were drilled and water service lines were placed in the late 1970s and early 1980s. Residential construction, and the water delivery system, continued throughout the 1990s and then drastically slowed in 2008 because of the economy.

- *Will the proposed project result in any modification of or effects to, individual features of an irrigation system (e.g., headgates, canals, or flumes)? If so, state when those features were constructed and describe the nature and timing of any extensive alterations or modifications to those features completed previously.*

No, there is no irrigation system as defined above involved. The outdoor portion of the Water Efficiency Rebates project does include commercial and residential irrigation systems for turf grass and trees/shrubs.

- *Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places? A cultural resources specialist at your local Reclamation office or the State Historic Preservation Office can assist in answering this question.*

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

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

No, there are none.

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

No, it will not. The Water Efficiency Rebate project may assist low-income populations by assisting with the cost of replacements and to help lower the water bills.

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

No, there are none.

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

No, it will not.

Required Permits or Approvals

No permits are required for the Water Efficiency Rebates project.

Official Resolution

A resolution of support will be on the March 22th agenda of the Governing Body of the City of Rio Rancho. The resolution will be sent to Reclamation after being signed. The resolution will contain language to identify the legal authority, support of the application, provide funding and/or in-kind support, and working with Reclamation to meet established deadlines for entering into this grant agreement.

Project Budget

Funding Plan and Letters of Commitment

The non-Federal share of the project costs will be funded through the City's Utilities budget process and in-kind contributions. There are no other funding sources, therefore, there are no Letters of Commitment with this application. The City will not incur costs prior to the anticipated project start date that will be included as project costs.

Summary of Non-Federal and Federal Funding Sources

FUNDING SOURCES	AMOUNT
Non-Federal Entities	
1. City of Rio Rancho	\$40,050
Non-Federal Subtotal	\$40,050
Other Federal Entities	
1. None	-0-
Other Federal Subtotal	-0-
REQUESTED RECLAMATION FUNDING	\$30,000

Budget Proposal

The proposed budget uses a combination of indoor rebate costs for fiscal year 2016 and an estimate of the costs for outdoor rebates.

Water Efficient Rebates Proposed Budget

BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type	TOTAL COST
	\$/Unit	Quantity		
Salaries and Wages				
--None--				\$ -0-
Fringe Benefits				
--None--				\$ -0-
Travel				
--None--				\$ -0-
Equipment				
--None--				\$ -0-

Supplies and Materials				
--None--				\$ -0-
Contractual				
--None--				\$ -0-
Other Costs - Rebate Credit to Customer				
Toilet Replacement	\$100	275	Each	\$27,500
Clothes Washer Replacement	\$100	105	Each	\$10,500
Thermostat Installation	\$30	45	Each	\$1,350
Outdoor Replacement/Conversion	\$30,000		various	\$30,000
Environmental Compliance Costs				\$700
TOTAL DIRECT COSTS				\$70,050
Indirect Costs				
In-Kind				\$ -0-
TOTAL ESTIMATED PROJECT COSTS				\$70,050

Budget Narrative

Salaries and Wages

The project manager for this Reclamation grant is Marian Wrage, Environmental Programs Manager for the City of Rio Rancho. Antonio Griego and Louie Aguilar, City Water Conservation Specialists, will manage the day-today activities of the Water Efficiency Rebate. In-kind contributions will include the staff salaries because they will need to inspect the irrigation prior to conversion or installation to verify that an inefficient system exists (sprinkler heads, controller, etc.). The staff will also inspect after installation to verify that water efficient sprinkler heads, controllers, etc. were installed.

Estimate for In-kind contributions

Rebate Type	Estimated Number	Minutes Each	Total Minutes
Toilets	275	10	2750
Clothes Washers	105	10	1050
Thermostats	45	10	450
Irrigation/Landscape	40	210	8,400

The total estimated hours for inspection and rebate processing are 210.8 hours. The City Water Conservation Specialists are paid \$17.19 per hour, therefore the estimated in-kind contributions are \$3,624.22.

Fringe Benefits

No fringe benefits will be used with the grant if awarded.

Travel

No travel will be included with the grant if awarded.

Equipment

No equipment will be included with this grant if awarded. Customer purchases and installs all equipment and City will rebate a portion of the cost as credit to their water account.

Materials and Supplies

No supplies or materials will be included with this grant if awarded. Customer purchases and installs all equipment and City will rebate a portion of the cost as credit to their water account.

Contractual

No contracture costs will be included with the grant if awarded.

Environmental and Regulatory Compliance Costs

An estimate of approximately 1% (\$700) was included for environmental and regulatory compliance costs.

Other Expenses

Rebate Credit to Customer

The proposed budget uses a combination of indoor rebate costs for fiscal year 2016 and an estimate of the costs for outdoor rebates.

Indirect Costs

No indirect costs will be included with this grant.

Total Costs

The total costs of the Water Efficiency Rebate project is \$70,050 with \$40,050 (57.2%) from City funds and the request of \$30,000 (42.8%) from Reclamation funds.

ATTACHMENT #1

14. Areas Affected by Project (Cities, Counties, States, etc.):

City of Rio Rancho, Sandoval County, New Mexico



**CITY OF RIO RANCHO
RESOLUTION**

RESOLUTION NO. 16

ENACTMENT NO. 17-016

**AUTHORIZING AND APPROVING SUBMISSION OF AN APPLICATION
FOR FY2017 SMALL-SCALE WATER EFFICIENCY PROJECTS GRANT**

WHEREAS: the City of Rio Rancho (City) is a legally created, established, organized and existing incorporated municipality under the laws of the State of New Mexico, and is an eligible entity having water delivery authority that is qualified for financial assistance; and

WHEREAS: the U.S. Department of the Interior, Bureau of Reclamation, Policy and Administration requires Governing Body approval for submission of an application; and

WHEREAS: the City will provide the amount of matching funds and/or in-kind services specified in the funding plan submitted with the application; and

WHEREAS: the City will work with the Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement; and

WHEREAS: the grant funding potentially available through this application process will be used to fund the Water Efficiency Rebates project.

**NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF
RIO RANCHO:**

That an application shall be submitted to the Bureau of Reclamation for consideration during their 2017 funding cycle for funding of Water Efficiency Rebates.

ADOPTED THIS 22ND DAY OF MARCH, 2017.

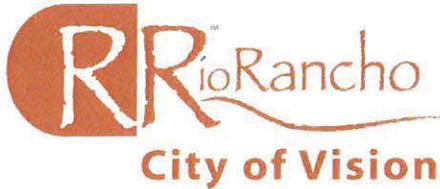


Greggory D. Hull, Mayor

ATTEST:



Stephen J. Ruger, City Clerk
(SEAL)



May 9, 2017

Darren Olson
Bureau of Reclamation
Financial Assistance Operations
Mail Code: 84-27852
PO Box 25007
Denver, CO 80225

Re: City of Rio Rancho Water Efficiency Rebates grant application
FOA No. BOR-DO-17-F011

Dear Mr. Olson:

Thank you for contacting me about the application you had received. As requested, I am supplying additional and revised information about the grant application for the Water Efficiency Rebates project.

This grant request is for \$30,000 to assist the City of Rio Rancho to expand the current rebate program to include outdoor efficiency measures and devices.

[Project Description \(revised\)](#)

The City has limited funds for water efficiency rebates such that the focus has been on indoor efficiency fixtures. Because of the rebates offered to customers, and other water conservation measures and techniques, the measurement of gallons of water per capita per day (GPCD) have been steadily reduced. If awarded this grant, additional funding will be available to introduce outdoor water efficiency rebates for commercial, irrigation, and residential applications; an area that the City has not focused on. Water customers and local landscaping companies have been requesting outdoor rebates for a number of years.

The City is fairly young, incorporating in 1981, but when it was first developing, many subdivisions included turf grass in the yards and along medians. Commercial companies were required to include turf grass at their entrances and along the sides of building for aesthetic purposes. In the mid-1990s, the grass mind-set was changing because of research and estimates about how much water was in the local aquifer.

By including outdoor water efficiency to the rebate portfolio, the City expects to see another reduction in GPCD, allowing the water resources to be stretched further for future

generations. The City expects to see the GPCD drop to 110 gallons per person or lower for system-wide GPCD estimates.

Including outdoor rebates into the rebate program will reduce water use. The Water Efficiency Rebate project will also enhance Implementation Strategy C.1 of the City’s Water Resources Management Plan to “reduce per capita water use”. Conservation will delay the need to acquire additional water rights and allow additional growth to occur within the existing permitted pumping and water rights

Discussions with landscape contractors and irrigation suppliers have estimated a 30% water savings by changing traditional sprinkler heads to water efficient heads and changing traditional irrigation control systems to Smart Controllers. The goal for this project is to encourage 10% of the irrigation customers to change to water efficient fixtures and Smart Controllers.

Total irrigation for City and commercial customers was 459,373,000 gallons of water in calendar year 2016. Assuming both 10% of the change-over and an estimated savings of 20%, the irrigation water saved would be 9,187,460 gallons.

459,373,000 gallons * 10% * 20% = 9,187,460 gallons saved from irrigation
 And, 9,187,460 gallons outdoor + 3,500,000 gallons indoor = 12,687,460 total gallons saved

Budget Proposal (revised)

The proposed budget uses a combination of indoor rebate costs for fiscal year 2016 and an estimate of the costs for outdoor rebates.

Water Efficient Rebates Proposed Two Year Budget

BUDGET ITEM DESCRIPTION	COMPUTATION		Quantity Type	TOTAL COST
	\$/Unit	Quantity		
Salaries and Wages				
--None--				\$ -0-
Fringe Benefits				
--None--				\$ -0-
Travel				
--None--				\$ -0-
Equipment				
--None--				\$ -0-
Supplies and Materials				
--None--				\$ -0-
Contractual				
--None--				\$ -0-
Other Costs - Rebate Credit to Customer				
Clothes Washer Replacement	\$100	200	Each	\$20,000
Thermostat Installation	\$30	80	Each	\$2,400

Outdoor Replacement/Conversion	\$50,000		various	\$50,000
Environmental Compliance Costs				\$700
TOTAL DIRECT COSTS				\$70,940
Indirect Costs				
In-Kind				\$4,710
TOTAL ESTIMATED PROJECT COSTS				\$75,650

Budget Narrative (revised)

Salaries and Wages

The project manager for this Reclamation grant is Marian Wrage, Environmental Programs Manager for the City of Rio Rancho. Antonio Griego and Louie Aguilar, City Water Conservation Specialists, will manage the day-to-day activities of the Water Efficiency Rebate. In-kind contributions will include the staff salaries because they will need to inspect the irrigation prior to conversion or installation to verify that an inefficient system exists (sprinkler heads, controller, etc.). The staff will also inspect after installation to verify that water efficient sprinkler heads, controllers, etc. were installed.

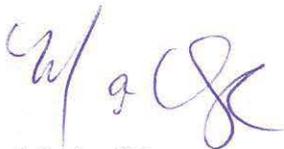
Estimate for In-kind contributions over two years

Rebate Type	Estimated Number	Minutes Each	Total Minutes
Clothes Washers	200	10	2,000
Thermostats	80	10	800
Irrigation/Landscape	65	210	13,650

The total estimated hours for inspection and rebate processing are 274 hours. The City Water Conservation Specialists are paid \$17.19 per hour, therefore the estimated in-kind contributions are \$4,710.

If you have any questions or need additional information, please contact me at (505) 896-8737 or via email at mwrage@rrnm.gov

Respectfully,



Marian Wrage
Environmental Programs Manager



Olson, Darren <dolson@usbr.gov>

Re: City of Rio Rancho Water Efficiency Rebates grant application

1 message

MARIAN WRAGE <MWRAGE@rrm.gov>

Tue, May 9, 2017 at 8:41 PM

To: "Olson, Darren" <dolson@usbr.gov>

Yes \$30,000 from Reclamation

Sent from Marian Wrage's iPhone

On May 9, 2017, at 8:19 PM, Olson, Darren <

