

Global Grant Proposal

1. The host partner is a:

- ☒ Club
☐ District

Primary Host Contact Information:

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District No.:	4400	Club:	Rotario Riobamba

2. The international partner is a:

- ☐ Distrito
☒ Club

Primary International Contact Information:

Last Name	Corwin	Name:	Luene
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Phone:			
District No.:	5340	Club:	Vista High Noon Club

3. Please describe the benefiting community including its location, using any relevant geographic and demographic information.

The beneficiaries of the irrigation system Nabuzo Bajo have been organized for the past forty years. They used to belong to the Yurac-Yacu irrigation system, but since they were not given enough importance as they were located on the lower part of the irrigation area, they decided to create the new Nabuzo Bajo irrigation system, with a total of 41 users and more than 164 direct beneficiaries. Where 90% of the land is being used for agriculture, sadly its production still does not guarantee enough food for a family. The plots have a surface of about 3.000 m² that go from 450.000 m up to 32.000 m² 3.00 Ha, where they cultivate, alfalfa, corn, and grow fruit trees.

The irrigation system is located in La Matriz parish, Penipe canton, Chimborazo province, 28 Km from the city of Riobamba. You can get there by using the Riobamba - Penipe highway. You reach Penipe first (24 Km from Riobamba), go through the south part of the town to the road to the Bayushig parish. On it you will find a detour and 3km further is the beneficiary community. The detour road is paved.

The irrigation zone is at an altitude of about 2.750m above the sea level and the UTM coordinates are: **756.990E y 9'788.530N**.

A flow of 36 l/s from the INAR, is taken from the Chaupi Tarau ravine at a level of 3.065msmn above sea level. They also own the flow of the Yurac- Yac ravine.

4. What community needs have been identified??

Nabuzo Bajo, has a legal authorization for the use of irrigation water given by the SENAGUA (national water secretary). However, the allowed flow is not enough to cover all the hectares through the open canal. This is why the implementation of a modern irrigation system has become indispensable. With it we will be able to optimize the available water resources, as well as diversifying agricultural production, and also improving the living conditions of the people in this community.

5.

The general board of users has been working together with the Central Government of the Chimborazo Province and the Ministry of Agriculture, Livestock, Aquaculture and Fisheries in order to complete the irrigation system, but due to the lack of income from these public organizations, it has been impossible to achieve financing. This is why the community of Nabuzo Bajo has requested support from the Rotary Club, to request their help with this program, whose only goal for many years already has been to improve living conditions of the people from this area.

6. Briefly summarize the proposed activity in 250 words or less, including the need it will address, the intended beneficiary (ies), and the potential benefits to the community.

With the support of the community, with unskilled manual labor, and with the technical assistance of the Rotary Club of Riobamba and Civil Engineers who have wide experience in water projects and who are members of the Club, the proposal of this project is the improvement of break pressure tanks. This includes their functioning as well as location, deriving a branch to the area of Gabiñay and design delivery batch, supplementing technically executed branches for the area of Nabuzo Bajo, and modulation of the irrigation area. The execution of this requires the installation of 5 kilometers of pipeline, the construction of 2

break pressure tanks, 4 distribution tanks and everything related to the implementation and placement of accessories needed for the system to be in perfect working order.

7. Please list any cooperating organization(s) or university (ies) involved in the proposed Activity (ies).

For the execution of the project Engineer Johann Larrea the Administrator of the irrigation program of the Ministry of Agriculture, Livestock, Aquaculture and Fisheries, besides being the precursor of the Project and partner of the Rotary Club Riobamba, is going to help us with the supervision of the Project, in order for it to meet the technical specifications and objectives.

8. Describe how the benefiting community will be involved in the activity (ies). Provide specific examples.

The community is going to contribute with unskilled manual labor and will be responsible for the excavation, backfill and pipe installation and placement of accessories, in addition to the safe guarding materials during the construction of the system. All this process is going to be coordinated by the board of Directors but most importantly by the President of the community.

9. Has the benefiting community confirmed that it would like the activity (ies) to take place?

The community of Nabuzo Bajo is very interested in the culmination of this Project so they are very eager to collaborate.

10. With which area(s) of focus is the proposed activity aligned?

Check the box(es) that apply.

-Peace and conflict prevention/resolution
-Disease prevention and treatment
- X ..Water and sanitation
-Maternal and child health
-Basic education and literacy
- X..Economic and community development

11. Please describe how the activity (ies) will address the goal(s) of the area(s) of focus.

With this Project we are trying to increase the irrigation area to a total of 58.75 hectares, in such a technical way as to avoid soil erosion due to the topography of the soil in this area. In this way the soil in this area will be in better condition for diversified agriculture in order to improve the living conditions of this poor area of the Penipe Canton.

12. What will be the immediate and long-term outcomes of the activity (ies)?

The immediate result will be the optimization of water resources where all users will benefit from the first to the last plot equally. In the future they will diversify their production, improve the amount of production, establishing distribution channels with local networks and thereby improving living conditions of the community.

13. Explain how all involved parties will act to ensure the sustainability of the activity(ies).

In order to succeed with the execution of the program a good coordination has to exist between the community (manual labor) with the Rotary Club of Riobamba (technical assistance and inquiry). It should also be noted that at the completion of the project Ministry of Agriculture, Livestock, Aquaculture and Fisheries, as the governing body of agricultural policy, will train a group of users on irrigation techniques, amount of water per crop, etc., plus give them agricultural information for improvement of production, such as seeds, technical support in preparation of organic fertilizers, all of which will significantly increase production and give sustainability to the project.

14. Proposed Start Date:

April 1st 2014.

15. Proposed Completion Date:

November 2nd 2014

16. Proposed Budget (in US\$):

13.	DESCRIPTION	PROVIDER	CATEGORY	LOCAL CURRENCY COST (USD)	USD COST
	GRANT BUDGET				
1	PVC PIPE PRESSURE (D= 20-110 mm)	LOCAL	MATERIALS	17.639,00	17.639,00
2	ACCESORIOS DE HG Y PVC Y MATERIAL MENUDO GASFITERÍA	LOCAL	MATERIALS	8.683,43	8.683,43
3	PORTLAND CEMENT	LOCAL	MATERIALS	3.473,17	3.473,17
4	AGREGADOS PÉTREOS	LOCAL	MATERIALS	1.157,72	1.157,72
5	REINFORCING STEEL	LOCAL	MATERIALS	680,20	680,20
6	WOOD SHUTTERING	LOCAL	MATERIALS	1.385,53	1.385,53
7	SKILLED LABOUR (MASONRY)	LOCAL	LABOR	1.804,89	1.804,89
8	SKILLED LABOUR (PLUMBER)	LOCAL	LABOR	1.925,72	1.926,06
SUBTOTAL DIRECT COSTS OF THE GLOBAL GRANT					36.750,00
	OTROS APORTES A PROYECTO				
10	UNSKILL MANUAL LABOR	COMMUNITY	LABOR HAND	14.102,93	14.102,93
	SUBTOTAL OTHER CONTRIBUTIONS				14.102,93
TOTAL PROJECT					50.852,93

17. Proposed Financing:

PROPOSED FINANCING

CLUB	CLUB	DDF	TRF		TOTAL
			Clubs @.50	District @ \$1	US \$
Vista Hi Noon	3.000	3.000	1.500	3.000	10.500
San Marcos	1.000	1.000	500	1.000	3.500
Rancho B	500	500	250	500	1.750
MiddletownCT	5.000	5.000 D7980	2.500	5.000	17.500
Riobamba	1.000	1.000 D4400	500	1.000	3.500
TOTAL PROJECT				US \$	36.750