

**ROTARY PROJECTS FAIR, DISTRICT 4400**

Club Name: Riobamba

Project Title: Rehabilitation of the Buenos Aires public utilities system.

<b>Cantidad Personas Beneficiadas</b>			<p align="center"><b>DESCRIPCIÓN DEL PROYECTO (max 250 palabras)</b></p> <p><b>GOALS</b></p> <ul style="list-style-type: none"> <li>- The goals of the project are to replace the pipeline (5 km), which has reached its useful life (30 years) and to</li> <li>- Eliminate the current water loss of up to 40%. <b>ACTIVITIES</b></li> <li>- Maintenance of the well water extraction equipment.</li> <li>- Change in the water conduction piping to their homes.</li> <li>- Maintenance of secondary networks and installation of water meters.</li> </ul> <p><b>TRAINING PLAN</b></p> <p>Leadership and Organizational Strengthening</p> <ul style="list-style-type: none"> <li>- Good practices for the use and exploitation of water resources</li> <li>- Good environmental practices for the use of water resources.</li> <li>- Administration and accounting management practices of the organization.</li> </ul> <p><b>SUSTAINABILITY PLAN</b></p> <ul style="list-style-type: none"> <li>- Availability of water in the current subway well.</li> <li>- Decrease pipeline losses.</li> <li>- Make new household connections.</li> </ul> <p><b>DESCRIPTION OF PARTNERS</b></p> <p>The Rotary Club of Riobamba with its project committee, the Water Board of the Buenos Aires Campus, and the support of the}</p> <p>Cumandá Municipality.</p> <p><b>ROTARIAN PARTICIPATION PLAN</b></p> <p>The Rotary Club of Riobamba visited the community to verify on-site the needs and evaluate the same, using two types for this purpose, the meeting or survey to obtain a clear vision of their needs.</p> <p><b>COMMUNITY INVOLVEMENT</b></p> <ul style="list-style-type: none"> <li>- Unskilled labor for the replacement of the main pipeline and maintenance of the secondary pipelines.</li> <li>- Opening at the household installations for the installation of water meters.</li> <li>- Participation in water management training and awareness modules.</li> </ul>
<b>USERS 120</b>			
<b>AGE GROUPS</b>	<b>NUMBER</b>		
Children (0– 12 Year)	96		
Teenager (13 – 18 Year)	107		
Youths (19 – 28 Year)	102		
Adults (29 – 65 Year)	152		
older adults ( mas 66 Year)	49		
<b>TOTAL BENEFICIARIOS</b>	<b>506</b>		
<b>Presupuesto Total</b>			
<b>Project Plans</b>			
<b>CONTRIBUTIONS</b>			
<b>INSTITUTION</b>	<b>WORTH</b>	<b>%</b>	
Rotary Club	35.271,00	78,30	
Community	9.776,00	21,70	
<b>Total</b>	<b>45.047,00</b>	<b>100,00</b>	
<b>ENLACE en rotary showcase SI HAY</b>			
<b>ÁREA DE INTERÉS:</b>			
<b>Otra información</b>			
<b>POBLACIÓN BENEFICIADA (máx 200 palabras)</b>			

¿Ya tiene patrocinio? NO ¿Hay valor del presupuesto ya financiado? SI

#### GEOGRAPHICAL LOCATION

Recinto Buenos Aires is located in Cumandá, in the southwestern part of the province of Chimborazo. Its UTM coordinates are 17 701910 m E, 9'756797 m S. The altitude of this sector varies from 300 to 1,900 meters above sea level.

#### DEMOGRAPHIC AND ECONOMIC CHARACTERIZATION

The variability of its altitude makes it one of the most biodiverse areas of the province, with diverse microclimates; it is located in the subtropics, so its climate has temperatures that fluctuate between 16 to 26 °C.

It is characterized by the high production of subtropical and tropical crops: cocoa, bananas, citrus, passion fruit, cassava, etc., as well as the presence of agribusiness, poultry and swine, and cattle.

#### IDENTIFIED NEEDS

We will indicate the first three needs obtained from the meeting and survey which are:

Drinking Water (27.27%), Public Transportation (11.93%) and Health (11.36%).

#### STRENGTHS AND ASSETS

The main strength identified is undoubtedly the functioning of the Water Board, and as an asset, we will mention the groundwater extraction equipment (well).

#### PUBLIC SERVICES

This area has electricity and water for domestic use.

#### BENEFICIARIES

The majority of the beneficiaries are farmers with economies for daily sustenance, there are also beneficiaries with larger crops but they are few.

## 1. INVESTMENT COSTS FOR WELL WATER SUCTION AND MAIN REPLACEMENT

**1.1 COSTS OF MATERIALS AND INPUTS**

ITEM	DETAIL	UNIT	AMOUNT	UNIT PRICE	TOTAL	Contributing Entity
1	Glue Tubes	GLS	2,00	200,0	400,00	Rotary Club
2	Herbicides	GLS	4,00	25,0	100,00	Rotary Club
3	PIPE BELL SPIGOT X 63ML X 1.5 X 0.8 MPA x 6M	U	835,00	25,0	20.875,00	Rotary Club
4	PIPE BELL SPIGOT X 50ML X 1.5 X 0.8 MPA X 6M	U	5,00	23,0	115,00	Rotary Club
5	UNIONS GIMBOULT H.F X 63 ML	U	5,00	60,0	300,00	Rotary Club
6	COLLARINES PVC X 63ML X 1/2"	U	30,00	7,0	210,00	Rotary Club
7	COLLARINESPVC X 63MLX50ML	U	4,00	6,5	26,00	Rotary Club
8	ACCESSORIES	GLOBAL	1,00	100,0	100,00	Rotary Club
9	CEMENT X 50KG	U	10,00	8,0	80,00	Rotary Club
<b>SUB TOTAL 1</b>					<b>22.206,00</b>	

**1.2 EQUIPMENT COSTS / TOOLS**

ITEM	DETAIL	UNIT	AMOUNT	TIME (Hour)	UNIT PRICE	TOTAL	Contributing Entity
1	WATER SUCTION PUMP	U	1	1	5000	5000,00	Rotary Club
1	MINOR TOOLS (PICOS, BRASS, MACHETES)	Global	1	1	200	200,00	COMMUNITY
2	BACKHOE LOADER RENTAL	U	1,00	198,0	25,0	4950,00	Rotary Club
3	CAR RENTAL	U	10,00	10,0	10,0	100,00	COMMUNITY
<b>SUB TOTAL 2</b>						<b>10250,00</b>	

NOTE: The backhoe rental is for 22 days, 9 hours of work per day, total 198 hours. Time contemplates both opening and covering. The machine would have an advance of 181.81 meters per day, 20.2 meters per hour

**1.3 LABOR COST**

ITEM	DETAIL	UNIT	AMOUNT	TIME (Days)	UNIT PRICE	TOTAL	Contributing Entity
1	INSPECTOR	U	1	21	50,00	1050,00	Rotary Club
2	MASTER MAJOR	U	1	21	25,00	525,00	COMMUNITY
3	WORKERS	U	5	21	15,00	1575,00	COMMUNITY
<b>SUB TOTAL 3</b>						<b>3150,00</b>	

## 2. INVESTMENT COSTS FOR THE MAINTENANCE OF SECONDARY NETWORKS AND THE PLACEMENT OF WATER METERS

### 2.1 PLACEMENT COSTS

ITEM	DETAIL	UNIT	AMOUNT	TIME (Days)	UNIT PRICE	TOTAL	Contributing Entity
1	PLUMBER	U.	1,00	10	25,0	250,00	COMMUNITY
2	DRINKING WATER METER D=1/2"	U	120,00	1	27,4	3.292,80	COMMUNITY
3	UNIVERSAL PVC D=1/2"	U	120,00	1	0,7	85,20	COMMUNITY
4	TAMPER-PROOF SHUT-OFF VALVE D=1/2"	U	120,00	1	4,8	580,80	COMMUNITY
5	DRINKING WATER METER BOX	U	120,00	1	10,6	1.267,20	COMMUNITY
<b>SUB TOTAL 1</b>						<b>5.476,00</b>	

### 2.2 EQUIPMENT COSTS / TOOLS

ITEM	DETAIL	UNIT	AMOUNT	TIME (Hour)	UNIT PRICE	TOTAL	Contributing Entity
1	MINOR TOOLS (PICOS, BRASS, MACHETES)	Global	1	1	200	200,00	COMMUNITY
2	BACKHOE LOADER RENTAL (Ramal 1) (180 metros)	U	1,00	9,0	25,0	225,00	Rotary Club
3	BACKHOE LOADER RENTAL (Ramal 2) (180 metros)	U	1,00	9,0	25,0	225,00	Rotary Club
4	BACKHOE LOADER RENTAL (Ramal 3) (180 metros)	U	1,00	9,0	25,0	225,00	Rotary Club
5	BACKHOE LOADER RENTAL (Ramal 4) (180 metros)	U	1,00	9,0	25,0	225,00	Rotary Club
6	BACKHOE LOADER RENTAL (Ramal 5) (180 metros)	U	1,00	9,0	25,0	225,00	Rotary Club
7	BACKHOE LOADER RENTAL (Ramal 6) (360 metros)	U	1,00	18,0	25,0	450,00	Rotary Club
8	CAR RENTAL	U	10,00	10,0	10,0	1000,00	Rotary Club
<b>SUBTOTAL</b>						<b>2775,00</b>	

The backhoe rental is for 7 days, 9 hours of work per day, total 198 hours. Time contemplates both opening and covering.

**2.3 LABOR COST**

ITEM	DETALLE	UNIDAD	CANTIDAD	TIEMPO DIAS	PRECIO UNITARIO	MONTO TOTAL	ENTIDAD APORTANTE
1	INSPECTOR	U	1	7	70,00	490,00	CLUB ROTARIO
2	MASTER MAJOR	U	1	7	25,00	175,00	COMUNIDAD
3	WORKERS	U	5	7	15,00	525,00	COMUNIDAD
<b>SUB TOTAL 3</b>						<b>1190,00</b>	

**DETAIL OF CONTRIBUTIONS**

INSTITUTION	DETAIL	AMOUNT
<b>ROTARY CLUB</b>	1. INVESTMENT COSTS FOR WELL WATER SUCTION AND MAIN REPLACEMENT	<b>33.206,00</b>
	2. INVESTMENT COSTS FOR THE MAINTENANCE OF SECONDARY NETWORKS AND THE PLACEMENT OF WATER METERS	<b>2.065,00</b>
<b>SUBTOTAL 1</b>		<b>35.271,00</b>
<b>COMMUNITY</b>	1. INVESTMENT COSTS FOR WELL WATER SUCTION AND MAIN REPLACEMENT	<b>2.400,00</b>
	2. INVESTMENT COSTS FOR THE MAINTENANCE OF SECONDARY NETWORKS AND THE PLACEMENT OF WATER METERS	<b>7.376,00</b>
<b>SUBTOTAL 2</b>		<b>9.776,00</b>
<b>TOTAL</b>		<b>45.047,00</b>

DETAIL OF CONTRIBUTIONS	AMOUNT
<b>1. ROTARY CLUB</b>	<b>35606,00</b>
<b>2. COMMUNITY</b>	<b>9441,00</b>
<b>TOTAL</b>	<b>45047,00</b>

**UBICACIÓN**



Tanque de Reserva



Válvula de Paso

**DATOS DE CONTACTO**

Nombre de la persona de contacto

Teléfonos


Email	
Nombre del presidente del club	
Teléfonos	
Email	