

OBJECTIVES

WELCOME TO THE GLOBAL GRANT APPLICATION

Your application has been assigned the reference number GG1411663 , which you can use for tracking and when communicating with The Rotary Foundation or colleagues.

PLANNED ACTIVITIES

In a few short sentences, tell us your objectives for this global grant.

Karanda Mission Hospital is located in NE Zimbabwe and is one of few serving the Rural community with over 220,000 people in its catchment area, plus it serves remote public health clinics. The people in this area are largely subsistence farmers, many who rely on international food aid to supplement what they can grow.

This Mission Hospital was established in 1961 so has a long history and we have worked with one of the doctors there - Dr Paul Thistle - over the last 15 years supporting his work.

Currently there have been periods when there have been dire shortages of Potable Water to serve the Hospital and support personnel. This project will provide a longer term solution for this location so that concern will be greatly reduced and ideally eliminated.

Who will benefit from this global grant? Provide the estimated number of direct beneficiaries.

The hospital and associated personnel will benefit but more importantly the surrounding catchment area of 220,000 who use this service facility. The hospital is currently a 150 bed institution that sees 75-100 thousand patients per year, do 3500 - 4500 cases per year (averaging around 3800). Surgeries are essentially everything but Brain tumors and spinal cord surgery.

Our biggest case loads are Cataracts, C-Sections, Hysterectomy;s Prostatectomy, Hernia, Exploratory Laparotomy and everything orthopedic including all open reductions, internal fixations and partial hip arthroplasties. We do not due any total joint replacements although the bipolar hip arthroplasty comes pretty close to this. Included in this is probably the busiest hydrocephalic program in the country.

We have a strong HIV/AIDS program and treat around 5000 patients per month. Also of course TB programs. We have a Home Based care program and care for 400 orphans in the home settings providing education, some nutritional and clothing help.

Our school of nursing opened in 1964 and is now training General (RN) level nurses and Midwives. We also are affiliated with the University of Zimbabwe to train Surgical interns and take Zimbabwean Medical Students on rotation. We also take a number of med. students from overseas.

Water is essential in this locations operation so all personnel will benefit and more going forward.

Which of the following activities will this global grant fund?

Humanitarian project

Humanitarian Project

Where will your project take place?

Community: Karanda Mission Hospital

City or Village: Karanda

Country: Zimbabwe

When do you anticipate your project will take place?

From:2014-12-01 **Until:** 2015-04-01

Outline your project implementation schedule.

No.	Activity	Duration
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SUSTAINABILITY

What community needs will your project address and how were these needs identified? Provide any relevant data or survey results

The backbone of water system that was installed in the early 1960s is still in use today. Over the years as expansion has occurred, connections have been added. The pipes installed in those early years were all galvanized. The largest pipe used was a 2' diameter source line. The system has been taxed beyond its original design. As an organization, we are currently committing significant resources to update the water supply to all of our users.

Detail how your project will address these community needs.

There has been a plan designed to improve the overall system in phases. A basic phase 1 has been completed and now need to address larger requirements in phase 2 and 3. In Phase 2, we will begin trenching the entire Karanda facility and installing new water distribution lines. We have had a water engineer from Harare assist with the calculations relating to this. The new pipes will all be put in place and connected to our water storage tanks in parallel with our existing distribution system. Pipes will be placed to each attach point water meter in the system. In Phase 3, we will begin connecting each resident and building to its new water meter.

How were members of the local community involved in planning the project? Does your project align with any current or ongoing local initiatives?

The plan has been designed by personnel brought in on-site so has local input. As well Rotarians, from Harare have reviewed the project adding suggestions to the overall plan.

Describe any training, community outreach, or educational programs, if applicable, and who will conduct them. How will recipients be selected?

Once completed local hospital personnel will be trained in the maintenance of the system to ensure it runs successfully now and into the future.

Areas of Focus

Water and sanitation

Which goals will your activity support?

Providing equitable community access to safe water, improved sanitation and hygiene

How will you meet these goals?

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There has been a five stage plan and one of the largest parts is Phase 2 - Water Supply Network and Phase 3 - Water Hook Up.

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engineer from Harare assist with the calculations relating to this. The new pipes will all be put in place and connected to our water storage tanks in parallel with our existing distribution system. Pipes will be placed to each attach point water meter in the system.

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How will you measure your impact?

No.	Measure	Measurement Method	Measurement Schedule	Target
1:	Number of people with access to improved sources of drinking water	Direct observation	Every month	50-99
2:	Other End Points receiving Water	Direct observation	Every month	50-99
3:	Other Adequate Pressure at All Locations	Testing	Every month	50-99
4:	Other Quality of Water - Turbidity and Free Chlorine	Testing	Every week	1-19

Who will be responsible for collecting information for monitoring and evaluation?

Jon Christiansen - a Karanda Mission Administration Board Member - has in conjunction with Engineers from Harare developed this plan and will provide updates and measure the success of each phase. In the end a steady supply of Water will be the ultimate success statement vs a Rationing that currently occurs.

Participants**Primary Contacts**

Name	Club	Role	Sponsored by	Serving as
Ray Richardson	Whitby	(Primary Contact)	Club	International
Inam Chitsike	Harare Dawn	(Primary Contact)	Club	Host

Committee Members

#	Name	Club	Role
1	Donald MacDonald	Harare Dawn	(Secondary Host Contact)
2	Joice Chidora	Harare Dawn	(Secondary Host Contact)
#	Name	Club	Role
1	Larry Giofu	Whitby	(Secondary International Contact)
2	Ravi Joshi	Whitby	(Secondary International Contact)

No Rotarian who has a vested interest in the activity (e.g., an employee or board member of a cooperating organization, owner of a store where project goods will be purchased, trustee of a university that a scholar plans to attend) may serve on the grant committee. If any potential conflict of interest exists, disclose it here.

No conflict exists.

Cooperating Organization

No.	Name	Website	Street address or P.O. box	City	Country
1	Karanda Mission Hospital	www.karanda.org	PB 2005 Mt Darwin	Karanada	Zimbabwe

Describe your process for selecting this organization. What resources or expertise will this organization contribute?

This is the recipient/benefiting organization that will oversee the building and support of the water project while in process and in the future. It has staff on the ground who have created a detailed plan to improve the aged water system as there is a critical need because of water shortages/rationing. In a rural medical facility this affects their ability to provide service to those in need.

VOLUNTEER TRAVELER(S)

No.	Name	Email
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Identify the responsibilities of the volunteer traveler(s) and the specific tasks that each individual will complete.

PARTNERS

List any additional partners who will participate and identify their responsibilities. This may include Rotary clubs, Rotaract clubs, Rotary Community Corps, or individuals.

ROTARIAN PARTICIPATION

Describe the role of the host Rotarians in this activity and list their specific responsibilities.

The host Rotarians will coordinate and manage the funds, liaising with the hospital personnel as the project proceeds. They will visit as required and provide support when required. They will review/provide updates at key junctures of the project to all involved and final reports on the project.

Describe the role of the international Rotarians in this activity and list their specific responsibilities.

The international Rotarians will liaise with both the hospital and Harare Dawn Rotarians during all phases of the project. Our initial role to ensure our grant meets the requirements of Rotary International and utilize any Water related links to assist in the project funding/structure of the grant. Once underway it will be to provide any assistance/advice as requested/required to ensure we fulfil the grant goals and obligations.

SUSTAINABILITY

Describe the role that members of the local community will play in implementing your project. What incentives (e.g., compensation, awards, certification, promotion) will you provide to encourage local participation?

Our links for this project will be the two Medical Doctors on site Dr Stevens and Dr Thistle both of whom have long standing service in the Rural Medical communities in Zimbabwe. As well we will be working with Jon Christiansen a member of the Hospital Board and who has prepared this plan and an ongoing plan to complete a Water/Waste program for Karanda.

Identify any individuals in the local community who will be responsible for monitoring outcomes and ensuring continuity of services. How will you support these individuals to help them take on this leadership role?

Jon Christiansen a member of the Hospital Board, in conjunction with the maintenance staff will provide the monitoring of

the installed system to ensure the hospital and immediate community receive water as required. They will receive ongoing support from the Hospital Board as required.

They expect that given the quality of the pipe used, the distribution system should last at least 20 years without major maintenance issues. Karanda maintenance department will be tasked with maintaining this system on into the future.

BUDGET

Select the local currency for your budget and enter the current rate of exchange to 1 U.S. dollar. Obtain the current RI exchange rate from Rotary’s website. If your country is not on the official RI exchange rates list, visit the Oanda or Bloomberg website to obtain the current rate.

Detail your proposed expenses by adding items to the budget. Note that the total budget must be equal to the total financing of your activity.

Local currency: USD Exchange rate to 1 USD: 1

No.	Description	Supplier	Category	Local cost (USD)	Cost in USD
1:	Mainlines	NA	Equipment	19440	19440
2:	PVC & Galv Fittings	NA	Equipment	3008	3008
3:	Meters & Fittings	NA	Equipment	6256	6256
4:	Isolation Valves	NA	Equipment	1472	1472
5:	Air Valves	NA	Equipment	2742	2742
6:	Labor	Local	Personnel	14672	14672
7:	Management-Contingency	Karanda Mission	Project management	3677	3677
8:	Management - VAT	NA	Project management	4938	4938
				Total budget:	56205
					56205

SUSTAINABILITY

Describe the process for selecting these budget items. Do you plan to purchase any items from local vendors? Have you performed a competitive bidding process to select vendors? Do these budget items align with the local culture and technology standards?

Jon Christiansen sat with a water engineer in Harare, who has been out here to the Karanda facility. They calculated the pipe sizing based upon expected demand and actual fixtures at each water point. Together we decided the expected materials list.

All material will be purchased through a company called Oatech, in Harare. Oatech has negotiated with their source, JMann, which is the main wholesaler of plumbing/piping hardware in Harare. JMann is providing a discount and the

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costing through Oatech is the same as JMann.

This methodology is all "Zimbabwe". We are doing things to local standards, with locally purchased materials.

How will the beneficiaries maintain these items? If applicable, confirm that spare or replacement parts are readily available and that the beneficiaries possess the skills to operate equipment.

The system will require on-going maintenance. As the beneficiary institution, we have been maintaining/upgrading/modifying the current system for 52 years. We plan to do that with the new distribution system, on into the foreseen future.

Parts are available for maintaining this system from numerous sources in both the Harare Province and the MaShonaland Central Province. Karanda has fulltime staff designated to care for plumbing issues.

Who will own the items purchased with grant funds at the end of the project, including equipment, assets, and materials? Note that items cannot be owned by a Rotary club or Rotarian.

All items will be owned by the Karanda Mission Hospital upon completion of the project.

FINANCING

The Rotary Foundation funds global grants from the World Fund, and awards range from US\$15,000 to US\$200,000. The Foundation matches cash contributions at 50 percent and District Designated Fund (DDF) contributions at 100 percent. The Foundation will also match non-Rotarian contributions toward a grant, provided they do not come from a cooperating organization or a beneficiary.

To determine the World Fund match for your global grant, list all sources of funding, specifying contributions from cash, DDF, and other sources. Note that the total financing must be equal to the total budget of your activity.

After you have added all funding sources and the requested World Fund match, click "Save" to save your grant financing.

#	Funding Method	Organization	Amount (USD)
1	Cash from club	Whitby	8900
2	Cash from club	Belleville	2500
3	Cash from club	Toronto Eglinton	2000
4	Cash from club	Port Perry	2000
5	District Designated Fund (DDF)	7070	15000
6	Cash from club	Harare Dawn	70
7	Cash from club	Whitby Sunrise	2000

DDF contributions:	15000
Cash contributions:	17470
Other contributions:	0
Endowed/Term gift contributions:	0
World Fund match (maximum):	23735

World Fund match (requested):	23735
Total financing:	56205
Total budget:	56205

SUSTAINABILITY

Have you identified a local funding source to ensure long-term project outcomes? Will you introduce practices to help generate income for ongoing project funding?

Once in place the maintenance budget from the Karanda Mission will be used to sustain the water project.

Authorization

Application Authorization

By submitting this global grant application, we agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate, and we intend to implement the activities as presented in this application.
2. The club/district agrees to undertake these activities as a club/district.
3. We will ensure all cash contributions (as detailed in the grant financing) will be forwarded to The Rotary Foundation (TRF) or sent directly to the global grant bank account after Trustee approval of the grant.
4. Rotary International (RI) and TRF may use information contained in this application to promote the activities by various means such as The Rotarian, the RI international convention, RVM: The Rotarian Video Magazine, etc.
5. We agree to share information on best practices when asked, and TRF may provide our contact information to other Rotarians who may wish advice on implementing similar activities.
6. To the best of our knowledge and belief, except as disclosed herewith, neither we nor any person with whom we have or had a personal or business relationship are engaged, or intend to engage, in benefiting from TRF grant funds or have any interest that may represent a potential competing or conflicting interest. A conflict of interest is defined as a situation in which a Rotarian, in relationship to an outside organization, is in a position to influence the spending of TRF grant funds, or influence decisions in ways that could lead directly or indirectly to financial gain for the Rotarian, a business colleague, or his or her family, or give improper advantage to others to the detriment of TRF.

Primary Contact Authorizations

Role	Name	Authorization Status	Authorization Date
Primary Contact	Ray Richardson	Authorized	03/12/2014
Primary Contact	Inam Chitsike		

DRFC Authorizations

Role	Name	Authorization Status	Authorization Date
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Global Grant Record - GG1411663

Grant Title - Water Project for the Karanda Mission Hospital, Zimbabwe

Status - Draft

District Number 7070 (Qualified)

District Rotary Foundation Chair (DRFC)	Sherry Coleman	Authorized	03/12/2014
District Rotary Foundation Chair (DRFC)	William Patchett	Authorized	24/05/2014

DDF Authorizations