

**OBJECTIVES****WELCOME TO THE GLOBAL GRANT APPLICATION**

Your application has been assigned the reference number GG1639013 , 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.**

With partner NGOs, Rotary and the Mwanga District will provide a new borehole, tank, central water purification, water distribution system, with tapstands and animal trough. We will provide the materials, knowhow, and supervision for each home to construct a latrine, of an appropriate design for this area and culture, then keep it in good condition, and use it daily. The Community members and students in schools will be trained in (1) Community Led Total Sanitation (CLTS) and School Led Sanitation, as needed, (2) how to manage and sustain their water system, (3) how to use sanitary practices to keep their water supply and use safe, (4) handwashing, (5) basic health, personal hygiene practices, all with a view toward greatly improving public health in this village. The project will include a significant and ongoing monitoring program, during implementation, at conclusion, and for 5 years after the project is finished.

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

The people of Kiruru, about 2,136 members living in 347 homes including the students in local schools, a vocational school, and one church.

**Which of the following activities will this global grant fund?**

Humanitarian project

**Humanitarian Project****Where will your project take place?**

**Community:** Kiruru

**City or Village:** Mwanga town, Kilimanjaro Region

**Country:** Tanzania, United Republic of

**When do you anticipate your project will take place?**

**From:**2016-03-14 **Until:** 2017-07-01

**Outline your project implementation schedule.**

No.	Activity	Duration
1	Further detailed community needs assessment, methods, and involving community in implementation of planning.	4-6 weeks
2	CLTS Training, while extending the baseline sanitation study	2 weeks
3	Train artisans on toilet construction, and build WaSH capacity in local District offices. Locate and train maker of microflush toilet, if that design is utilized	2-3 weeks
4	Obtain local and purchased materials, and begin toilet construction	3 months
5	Locate borehole more accurately, verify with regional and consulting agencies, drill hole, pump test and secure it.	2 months (simultaneous to #3-4)

6	Construct base, then water storage tanks	1 month (may be simultaneous with others)
7	Dig trenches, pressure test piping, verify system - then activate (commission) it.	2 months (may be simultaneous with others)
8	Connect pipe, pressure test it, verify system - then activate it.	2 months after #7
9	Train teachers and other school staff on School Led Sanitation and hygiene; begin training students	2 months (may be simultaneous with others)
10	Construct household toilets, as people can afford and artisans can keep up with demand.	8 months, starting after artisan training

## SUSTAINABILITY

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

In January 2012 a team of experts came to Mwanga district to assess 7 communities, including Kiruru. This was part of the Wasrag-TRF PEP Pilot (Project Enhancement Process), and the team was led by Stewart Martin, long-time WaSH Rotarian and a member of RC Seaside, the lead International partner club. The studies and initial recommendations are documented in the team's report here.

The primary need, sung and prayed for, was domestic water for homes and animals. Close on its heels was sanitation, since only half the community has a pit latrine, and all of those are unimproved, open to flies and the spread of disease. We also found was no significant handwashing or personal hygiene efforts.

Stewart and the RC Seaside wanted to bring life to this project, so they were connected with Rotarians in Wien, Austria, as well as Iowa, USA, plus long-time Rotary partner NGO Water Mission (formerly Water Missions International) through its in-country related organization Water Mission Tanzania (WMT). WMT did further needs assessment, water system design and costing, and made a proposal to the Mwanga and Seaside Rotarians, which has been refined.

Also, Juma Yahaya, a member of the PEP Pilot team, was admitted to UNESCO-IHE masters program, obtained a competitive TRF grant, and completed his 2 years of study and obtained his Masters in Water Management. Juma returned to Mwanga and was important for several months in the project development; then was transferred to another district council (Masasi Town Council) which is in south of Dar es Salaam. Stefano (Steven) Kaliwa, head of the Mwanga water department, has assigned Benedict Daniel as the responsible water engineer to collaborate with Rotary. Also the health officer, Happynus Pilula has become an important part of the Management Team.

The project Management Team is composed of representatives of: RC Mwanga, RC Seaside, WMT, EEPKO, the Mwanga District, and the Kiruru village executive officer. Together we have developed the scope, implementation, responsibilities, MOUs, budget, financial methods, and a start on the monitoring plan.

Recently, further needs assessment work was done by EEPKO, during their 2-day visit to Kiruru to plan the Sanitation project implementation and develop their budget for the project. They found that the conditions had changed somewhat since the 2012 visit, with village borders moving and some people being incorporated into the Mwanga town. The need for Sanitation and Water is still very much the same, though the number of villagers living in Kiruru has decreased, as we might expect since people move where they have resources to live.

The Mwanga Rotarians have been in continuing conversations with the elected Village Executive Officer, Mr. Mvamba, about the community labor, surveys and other involvement, microfinance aspects, and the partnership with Rotary. We are reassured the community is engaged, ready to donate labor, be trained and help provide both local materials and household information.

**Detail how your project will address these community needs.**

The project will meet community Water needs by providing a borehole of sufficient capacity which is protected, piping and higher level storage tank, gravity fed distribution and domestic water taps to deliver the water. Households will be trained in how to draw, carry, store and use water safely.

It will meet the Sanitation needs of the community by providing the knowhow, training and tools for local artisans, plus some of the initial materials, for the construction of latrines which are culturally appropriate, suited to the soils found locally, and made from materials that are long-lasting. Acceptance and affordability of toilets is a major concern, so the budget includes a fund to provide assistance and incentives for needy villagers to assist their construction and purchase of new or refurbished household toilets, and incentives for those households that fully implement the WaSH program in their homes. Rotary will not be purchasing and giving household toilets; the major costs are borne by households. This process has been recommended by the local Rotarians and also EEPCO as being more culturally appropriate and in line with other Sanitation efforts in the country.

The project will also meet the basic educational needs of villagers and students for handwashing, health, and personal hygiene by having repeated trainings, in school and village settings, with small groups and some households as needed. The trainings will educate and inform, inspire community members, and assist them to change their behavior, using modern methods that involve social, art, and educational techniques. The Mwanga District and EEPCO are committed to working together to trigger social change that will drive the behavioral changes needed in the rural village society.

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

During the PEP Pilot survey and analysis, community leaders and members were involved in identifying their most serious problems, bringing us to meetings as well as to representative homes, articulating the challenges, pain and methods they use to live everyday, and expressing their desire to achieve change. They told us stories and reminded us of the enormous scarcity of water. They discussed types of toilets, why and how they use them (or don't), how they raise, graze and bring animals to drinking water. The community members and leaders expressed the fervent desire that Rotary assist them with the water shortage, good water management, and sanitation.

Since then, the village leaders and some community members have visited with WMT, Rotarians, employees of Mwanga District and EEPCO, to continue to discuss how to meet their needs, what the solution choices might be, and how the implementation plan will involve community members as an instrumental part of the project. The Management Team takes the approach that this is Kiruru's project, we are merely here to assist, provide some knowhow and good training, assure all goes well, and fund the portions of the project which neither Kiruru nor Mwanga District can afford. RC Seaside will manage the primary GG bank account, and will provide guidance and oversight, but the local villagers together with RC Mwanga and the District are going to be the integral drive for the success of the project. RC Mwanga will have a smaller GG bank a/c for local purchases that are not practical from USA. A Safe Water and Sanitation Committee, with locally selected trustworthy and socially influential villagers, will be implemented by the people of Kiruru. Local work will be done by Mwanga District officers, host Rotarians, EEPCO and WMT, as well as village representatives - they will make local decisions, track progress, do training and re-training, and provide reports to the project Management Team.

The village people will be involved in choice of toilet design for their homes, and will be aided by EEPCO and the Mwanga District council's officers; perhaps also by Rotarians from Ghana and the inventor of a unique microflush toilet. There will be options for more sophisticated toilets (probably microflush and UDDT) for those progressive villagers who are open to the idea and able to afford and make the changes. For those more resistant to the change, or less able to afford the others, there will be options for improved toilets that meet the needs for health benefits without challenging social norms, e.g. SanPlat.

The community will be involved in construction, with donated labor when appropriate (digging of holes, gathering materials) and assisting skilled artisans when they can. The Kiruru Safe Water and Sanitation Committee will monitor the work progress in each location, and report to the Management Team

Besides the village's organic and internally developed goals in Kiruru, which this project is aligned with, it also aligns well with the government's water and sanitation initiatives. Tanzania does not have the funds to improve water and sanitation in all areas, but recognizes the vast importance of the work. Our Management team includes the Mwanga District health officer for the region, Happynus Pilula, whose title is National Sanitation Campaign Coordinator. He is responsible to assist villages in meeting the national sanitation campaign, and also our Rotary project. He will be able to ensure that our project follows the

cultural and governmental expectations for the region, and will be able to marry the efforts (TZ and Rotary) together. We believe that with his extensive engagement and cooperation, we will be able to orchestrate a sustainable, culturally-appropriate project with the support of the local government agencies.

**Describe any training, community outreach, or educational programs, if applicable, and who will conduct them.**

**How will recipients be selected?**

The following trainings will be available to all community members and school students in Kiruru:

1. CLTS training, for those who do not have a toilet, or who are not motivated to use one
2. Hygiene training
3. Handwash training
4. Toilet construction training
5. Toilet Maintenance & daily upkeep training

These trainings will be conducted by EEPSCO staff and District Health Officer Happinus Pilula, observed and supplemented by host Rotarians. They will align nicely with EEPSCO's plans to establish a Sanitation Club at the school. Getting students involved and engaged will help to spread the ideas more widely and through different avenues.

#### Areas of Focus

#### Water and sanitation

**Which goals will your activity support?**

Providing equitable community access to safe water, improved sanitation and hygiene; Strengthening the ability of communities to develop, fund and maintain sustainable water and sanitation systems; Supporting programs that enhance communities' awareness of the benefits of safe water, sanitation and hygiene

**How will you meet these goals?**

The project will meet community Water needs by providing a borehole of sufficient capacity which is protected, piping and higher level storage tank, gravity fed distribution and domestic water taps to deliver the water.

It will meet the Sanitation needs of the community by providing the knowhow, training for local artisans, and some of the materials, for the construction of latrines which are culturally appropriate, suited to the soils found locally, and made from materials that are long-lasting.

The grant will provide a loan fund with a government licensed micro finance institution (MFI) known as Mwanga Community Bank, with a loan corpus. The corpus will be used to allow villagers to take out micro loans to fund the construction and purchase of their new or refurbished household toilets. Rotary will not be purchasing or giving toilets. This process has been suggested by the local Rotarians and by EEPSCO as being more culturally appropriate and in line with other Sanitation efforts in the country. The project will also meet the basic educational needs of villagers and students for handwashing, health, and personal hygiene by having repeated trainings, in school and village settings, with small groups and some households as needed. The trainings will educate and inform, inspire community members, and assist them to change their behavior, using modern methods that involve social, art, and educational techniques. The Mwanga District and EEPSCO are committed to working together to trigger social change that will drive the behavioral changes needed in the rural village society.

**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	1000-2499
2	Number of communities with a functioning governance committee in place	Focus groups/interviews	Every three months	1-19
3	Number of people with access to	Direct observation	Every three months	1000-2499

	improved sanitation facilities			
4	Number of communities utilizing a tariff/usage fee structure	Grant records and reports	Every three months	1-19
5	Number of individuals trained	Focus groups/interviews	Every three months	1000-2499

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

Within the first few months of commencement, the Management Team (especially the Rotarians, two NGO representatives, and Mwanga District representatives) will develop more specifics about the M&E implementation plan. They and the Safe Water and Sanitation Committee, perhaps with additional Kiruru volunteers, will take measurements each quarter and report to the Management Team. This process will continue during implementation and the first 12 months after the project is complete. During that 12 months post-project, a revised M&E plan will be developed that omits Rotary and the NGOs as active participants, so the 5 year M&E, with at least semi-annual reports, will be done by Kiruru and Mwanga indigenous people, with results reported to the Rotarians.

**Basic education and literacy****Which goals will your activity support?**

Involving the community to support programs that strengthen the capacity of communities to provide basic education and literacy to all

**How will you meet these goals?**

In schools presently, the education of students about safe water handling and use, personal hygiene, handwashing, use of toilets, health, disease transmission, flies and other vectors, is either nonexistent or inadequate. EEPSCO and Rotary, together with the health officer of Mwanga district, will prepare and implement a program of school led total sanitation which addresses all these. Our goal is to have it be a sustainable part of the educational curriculum during the project, and lasting indefinitely afterward.

The combination of BEL and WaSH in this project is intended to match the new TRF pilot initiative for WaSH in Schools, by Rotary clubs (in the identified countries), in this location of Tanzania.

**How will you measure your impact?**

No.	Measure	Measurement Method	Measurement Schedule	Target
1	Number of benefiting school-age children	Public records	Every three months	100-499
2	Other Number of students trained in personal hygiene, handwashing, safe water handling and toilet use	Grant records and reports	Every three months	100-499
3	Other Percent of children following the teachings, as spot checked	Grant records and reports	Every three months	100-499

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

Within the first few months of commencement, the Management Team (especially the host Rotarians, representatives from the two NGOs and Mwanga District) will work with the school headmaster and teachers to develop more specifics about the M&E implementation plan. The teachers and the Safe Water and Sanitation Committee will take measurements each quarter and report to the Management Team. Rotarians and the District Health officer, together with NGO representatives, will verify the measures, and do observations and spot checking.

This process will continue during implementation and the first 12 months after the project is complete. During that 12 months post-project, a revised M&E plan will be developed that omits Rotary and the NGOs as active participants, so the 5 year M&E, with at least semi-annual reports, will be done by school officials and the Safe Water and Sanitation Committee, monitored by the Mwanga District Health Officer, with results reported to the Rotarians.

### Participants

#### Primary Contacts

Name	Club	Role	Sponsored by	Serving as
Stewart Martin	Seaside	(Primary Contact)	Club	International
Apolinary Seiya	Moshi-Mwanga	(Primary Contact)	Club	Host

#### Committee Members

#	Name	Club	Role
1	Mark Mvungi	Moshi-Mwanga	(Secondary Host Contact)
2	Tegemea Mfanga	Moshi-Mwanga	(Secondary Host Contact)

#	Name	Club	Role
1	Raven Brown	Seaside	(Secondary International Contact)
2	Shaun Wagner	Seaside	(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.**

None

#### Cooperating Organization

No.	Name	Website	Street address or P.O. box	City	Country
1	Water Missions International - Tanzania	<a href="http://www.watermissions.org/tanzania">www.watermissions.org/tanzania</a>	P.O. Box 60036 Kawe, Plot 577 Kawe Beach	Dar es Salaam	Tanzania, United Republic of
2	Environmental Engineering & Pollution Control Org	<a href="http://www.eepco-tz.org/">http://www.eepco-tz.org/</a>	Keko NHC Building, Block 9, Plot 23 – 24 Appt 003 Chang	Dar es Salaam	Tanzania, United Republic of
3	Mwanga District (local government)	<a href="http://www.mwanga.org/">http://www.mwanga.org/</a>	Mwanga District Council Office, P.O Box 176	Mwanga	Tanzania, United Republic of

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

Grant Title - Kiruru Tanzania WaSH project 2016

Status - Submitted

District Number 9211 (Qualified)

The Mwanga District was selected as a potential partner in 2013, during the PEP Pilot team visit - their water engineer traveled with us to villages, helped explain Rotary's role, provided soil materials, explained the role (and limitations) of the district as well as regional and national agencies in overall WaSH project work, provided transportation, and expressed great interest in our project. Over these years and months, the District has continued to be supportive and assist, and has now provided a Health Officer and Water Engineer to work directly with Rotary on this project.

To improve our sanitation expertise in Tanzania, Rtn Stew Martin discovered a 2014 survey of sanitation NGOs and their work in Tanzania. A 3 person team (2 Rtns and volunteer engineer) reached out to all of them, explained the history and nature of the project, asked for expressions of interest, and from those conducted intensive interviews, exchanges of emails and data, obtained references and spoke with each. The two finalists were invited, at their cost, to visit Kiruru, meet the District officers, village leaders and others, do a preliminary survey and needs assessment, answer our queries, and send a report. Both did, and through further discussion with 3 Host club Rtns and 3 International club Rtns, we selected EEPCO. Then with EEPCO we jointly constructed a sanitation program and matching budget. That budget, which included subsidies for toilets, was more than we could afford, so together we tailored it further to match the scope and method described in this grant.

On the water side, we surveyed the District and other local NGOs, asking about local water expertise by NGOs, plus used our own awareness, then settled on WMT (affiliated with and trained by Water Mission) as the best partner for Kiruru. We know their methods, standards, and process from other Rotary WaSH projects, their speaking to D5100, and Stew visiting their headquarters. WMT sent the TZ country officer and an engineer to do a field survey, observe existing water system and usage, interview village leaders and others, do needs analysis and design work. They submitted a detailed budget, signed an MOU, and during our fundraising graciously agreed to donate \$10,000 USD in cash and \$20,000 USD in-kind, so we could meet our fiscal goals.

**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.**

We will suggest the formation of an RCC, and do that if the village is willing.

**ROTARIAN PARTICIPATION**

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

The host Rotarians have visited and learned from the village leaders, influential women and residents for years. They know their needs, are learning how they organize their community, and have ideas for how it might grow and develop in the future. For this project, they have involved and connected the Health Officer and a Water Engineer of Mwanga District, as well as the Rotary clubs of Seaside and Wien-Hofburg. They will be in charge of a smaller GG Bank account, for local purchases in Tanzania Shillings; it will be fed from the larger GGBank account as needed.

In this project, the host Rotarians will be part of the collaboration and glue that defines the partnership, the division of functions, and assures the parties work well together. They will ensure that the project is making progress as scheduled, including the establishment of local committees in the villages to steer the project. Apolinary Seiya is the designated Project Manager for the club, though he declines monetary compensation for his hard work and efforts. The club will also provide hosting and visiting opportunities for international Rotarians, including visits to the village, project site, the opportunity for hands-on activities by visiting Rotarians, and perhaps tourist or safari opportunities, as a local fundraiser. The local club has committed to raising and contributing \$200.00 for the project

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

Rotarians in RC Seaside have committed to the development and initiation of this project. This has already been a multi-year long-term commitment. They were instrumental in selecting NGOs for the project, with input from the host club, and did fundraising for the project. RC Seaside will be in charge of managing the larger GG Bank account and sending funds for

project cost reimbursements as necessary. They will oversee the project, in cooperation with host Rtns, to ensure that the project is meeting or exceeding TRF standards, and participate actively on the Management Team by providing knowledge and ideas as needed. One or more representatives will visit Kiruru, Mwanga district, the host Rotary club and review project progress, as it compares to the GG application.

## 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?**

Members of Kiruru will be active on committees for Safe Water & Sanitation, to ensure that the project is making sustainable changes locally. They will decide as a group which toilet designs are most appropriate to offer to the villagers, based on information and suggestions from the Management Team and EEPKO. Each design offered will meet WHO (World Health Organization) guidelines for improved household sanitation. They will assist each other in saving funds, then applying for and securing MFI loans, for toilet construction, and will help EEPKO to connect the people to the trained artisans. Kiruru villagers will collect local materials as available, and assist in the construction of the toilets to the extent of their abilities. EEPKO is planning a Sanitation Marketing program that reaches out to the community on multiple levels, including celebrations for those who are actively and correctly utilizing their toilets.

**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?**

The Safe Water & Sanitation Committee (SWSC) which will be established by Kiruru, will be trained and operate under the guidance of WMT and EEPKO, supplemented by RC Mwanga and officers of the Mwanga District. SWSC will play a large role in M&E for this project. EEPKO & WMT will be responsible for developing monitoring specifications and protocols, and will train villagers, Mwanga Rotarians and District staff how to collect this data. As a Management Team, we will work to ensure that these protocols meet TRF standards, Tanzania national standards, WHO guidelines -- and collect adequate information to determine the actual outcome of the project.

## 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	Water Aspects - Borehole, distribution, training then reduced by cash and in-kind donations by WMT	WMT	Equipment	139,895.00	\$139,895.00
2	Sanitation Aspects - Consulting, training, capacity development, staff visits, etc. - per pro forma invoice	EEPCO	Training	21,043.00	\$21,043.00
3	Sanitation - materials, fees and misc. paid by Rotary	various TBD	Training	16,134.00	\$16,134.00
4	Sanitation - Overhead cost, to		Project		

	support staff	EEPCO	management	3,156.00	\$3,156.00	
5	Sanitation - artisan training and tools loans, scholarships & incentives for production & affordability of toilets & sanitation program	various TBD	Equipment	29,102.00	\$29,102.00	
6	Out-of-pocket project costs by Mwanga Rotarians: fuel, Internet, etc., otherwise not affordable	Rotarians	Project management	1,680.00	\$1,680.00	
7	Android tablets for Rtns to communicate	RC Seaside	Project management	1,080.00	\$1,080.00	
8	Small digital camera(s) with GPS for images, video clips, lat-lon locations, aid in project management	RC Seaside	Project management	650.00	\$650.00	
9	Measurement & Evaluation - fees, stipends, fuel etc.	TBD, e.g. Kiruru SWSCcommittee, volunteers, possibly others	Operations	2,550.00	\$2,550.00	
10	Contingency funds for possible dry hole, or increase in scope, or both	TBD	Operations	23,333.00	\$23,333.00	
11	Signage and Publicity	TBD	Signage (limit USD500)	500.00	\$500.00	
				<b>Total budget:</b>	239,123.00	\$239,123.00

## 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?**

The Water and Sanitation NGOs are custom-designing, with our Rotary clubs, the particular approach being taken: the hardware and system, training, monitoring and evaluation. This custom design-build approach works well, allows us to be even more price competitive than simply hiring firms to do typical construction work, and it makes them more accountable. It assures Rotary rules and guidelines will be met. We have asked for comparison prices from two sanitation NGOs, and selected the one that is both most competent and still competitive. We believe that WMT is the only realistic choice in the Mwanga district, due to their staff, in-country work and familiarity with Rotary methods and requirements. We asked and found no other NGOs working in this rural area; certainly none with the same level of competence.

The process was this: we provided the prior Rotary PEP Pilot report, general guidance on what we wanted to achieve, and worked hand-in-hand with them on an iterative design process. They then provided the final design and tentative pricing, we gave feedback, and they made revisions. Their budget, as revised, is included in the attached materials.

Each NGO is paid in a way that matches their work methods, and allows us as Rotarians to maintain control of the project and its outcomes:

Water Mission Tanzania (WMT) has provided their pricing as a Statement of Values, attached. They will be paid 40% at commencement, so it can purchase and make all the equipment, do site preparation, hire subcontractors, locate and train local water tap monitors, purchase materials, do survey and detailed work, help us form the Safe Water and Sanitation Committee, train them, then construct, install and implement the water system. No other payment is due until these things are accomplished, and the water system is commissioned, and water flowing. Then they provide an invoice and report, and the second 40% is due, which reimburses them for what was not earlier paid by Rotary, and allows them to continue the training, monitoring and reporting. The final 20% is a retention sum, paid to WMT only after all the project work is completed and the 5 year M&E system is in place. The completion stages will be verified by the Host Rotarians.

EEPCO has provided a pro forma invoice, attached. They will be paid according to those items which are completed each month, using an estimated percentage completion by budget category. The final payment will be due only when all the work is complete, reports are in, and the 5 year M&E system is in place. The monthly completion percentages will be verified by the Host Rotarians.

**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 Sanitation aspect of the project focuses on using local materials and manpower. All artisans are locally-trained, so that if there is a malfunction of any equipment, it can be fixed locally. Beneficiaries will be trained (repeatedly, as needed) on daily upkeep and maintenance of the toilets. The development of the Safe Water & Sanitation committee ensures that there will be knowledgeable, accessible people living in Kiruru who can assist as needed.

**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.**

The community of Kiruru will own the system, including the equipment, assets and materials. They have already designated the public land location, and verified that the pipe runs and taps stands will be declared to be on land owned by the community.

The microfinance corpus will remain with the local MFI (Mwanga Community Bank) after project completion, which will be after the mandatory 2-round use of the funds. We may, in cooperation with the community of Kiruru and the Mwanga District, place conditions on that fund so it continues to be used for either Kiruru needs, or for WaSH needs in nearby villages. Our hope is that the money can be used to move people up the “sanitation ladder”: if after seeing a more sophisticated and better toilet in use by the more educated or prominent members of the community, a household wants to improve their toilet they will hopefully be able to access these funds from the MFI for another loan.

## 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. Non Rotarian contributions with no match from TRF can be included in the grant financing if they are being used to purchase grant budget items. These contributions should not be sent to TRF. Note that the total financing must be equal to the total budget of your activity.

\*NOTE: Any grant cash contributions sent to TRF must include an additional to support processing expenses.

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)	Extra support*	Contribution + Extra*

					support
1	Cash from club	Seaside	\$7,100.00	\$355.00	\$7,455.00
2	Cash from club	Newberg Early Birds	\$1,000.00	\$50.00	\$1,050.00
3	Cash from club	Tualatin	\$1,000.00	\$50.00	\$1,050.00
4	Cash from club	Portland Pearl	\$1,000.00	\$50.00	\$1,050.00
5	Cash from club	Milwaukie	\$1,000.00	\$50.00	\$1,050.00
6	Cash from club	Pendleton	\$1,000.00	\$50.00	\$1,050.00
7	Cash from club	East Portland	\$3,000.00	\$150.00	\$3,150.00
8	Cash from club	Beaverton	\$2,000.00	\$100.00	\$2,100.00
9	Cash from club	Newberg	\$2,000.00	\$100.00	\$2,100.00
10	Cash from club	Salem	\$1,000.00	\$50.00	\$1,050.00
11	Cash from club	McMinnville-Sunrise	\$500.00	\$25.00	\$525.00
12	Cash from club	Keizer	\$2,000.00	\$100.00	\$2,100.00
13	Cash from club	Portland	\$5,000.00	\$250.00	\$5,250.00
14	Cash from club	Hood River	\$1,000.00	\$50.00	\$1,050.00
15	Cash from club	Tillamook	\$1,000.00	\$50.00	\$1,050.00
16	Cash from club	Oregon City	\$500.00	\$25.00	\$525.00
17	Cash from club	Southwest Pacific County-Peninsula	\$1,500.00	\$75.00	\$1,575.00
18	Cash from club	Lake Oswego	\$3,000.00	\$150.00	\$3,150.00
19	Cash from club	Gresham	\$1,278.00	\$63.90	\$1,341.90
20	Cash from club	Vancouver Metro Sunset	\$1,000.00	\$50.00	\$1,050.00
21	District Designated Fund (DDF)	5100	\$35,878.00	\$0.00	\$35,878.00
22	Cash from club	Simi Sunrise	\$1,000.00	\$50.00	\$1,050.00
23	Cash from club	Wien-Hofburg	\$24,000.00	\$1,200.00	\$25,200.00
24	Cash from club	Bad Fischau-Thermenregion	\$7,000.00	\$350.00	\$7,350.00
25	District Designated Fund (DDF)	1910	\$14,000.00	\$0.00	\$14,000.00
26	Cash from club	South Cowichan (Mill Bay)	\$4,000.00	\$200.00	\$4,200.00
27	Cash from club	Montreal	\$3,000.00	\$150.00	\$3,150.00

28	District Designated Fund (DDF)	7040	\$3,000.00	\$0.00	\$3,000.00
29	Cash from club	Charleston Breakfast	\$5,500.00	\$275.00	\$5,775.00
30	District Designated Fund (DDF)	7770	\$5,500.00	\$0.00	\$5,500.00
31	Cash from club	Moshi-Mwanga	\$200.00	\$10.00	\$210.00

Funding Summary		
	DDF contributions:	\$58,378.00
	Cash contributions:	\$81,578.00
	Non-Rotarian contributions to be matched by TRF:	\$0.00
	Endowed/Term gift contributions:	\$0.00
	Donor Advised Fund:	\$0.00
	World Fund match maximum::	\$99,167.00
	World Fund match (requested):	\$99,167.00
	<b>Financing subtotal (matched contributions + World Fund):</b>	\$239,123.00
	Non-Rotarian contributions with NO match from TRF:	\$0.00
	<b>Total financing:</b>	\$239,123.00
	Total budget:	\$239,123.00

## 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?

Yes. The new water system in Kiruru will be owned by Kiruru, and operated as a 'community managed' system. As described by WMT, this means its operation and maintenance is funded by income from each household (user). There are intermediary entrepreneurs ('tap operators'), who are local villagers acting as a micro enterprise - paying funds to Kiruru water system bank account, buying water at wholesale prices, then collecting fees from each household for their part of the system. The proposed household purchase price per 20L jug has been verified as affordable by the village leaders, and the wholesale price paid to Kiruru will be sufficient to operate, maintain and do usual repairs, plus save some for future major repairs or improvements. After the project ends, no further Rotary funding is to be needed.

In order to accomplish this goal, a Kiruru Safe Water Committee (SWC) is formed of volunteers from the community which then serves as the community based oversight group for the water system. The SWC is formed through community meetings near the beginning of the project. Following training by WMT, the SWC is responsible for operation and maintenance of the water system. The SWC will have a bank account to deposit proceeds, it will keep records, provide WMT and Rotary regular financial reports, and pay expenses. Tap operators will be selected to sell water at each of the community taps at the established set water price.

The household toilets will be maintained by each family, with no need for community funds.

The school water will be paid for out of the school operating budget, and toilets maintenance responsibility and costs will rest with the school staff, probably with student involvement in daily cleaning.

**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	Stewart Martin	Authorized	10/02/2016
Primary Contact	Apolinary Seiya	Authorized	11/02/2016

**DRFC Authorizations**

Role	Name	Authorization Status	Authorization Date
District Rotary Foundation Chair (DRFC)	Kristi Halvorson	Authorized	11/02/2016
District Rotary Foundation Chair (DRFC)	Stephen Mwanje	Authorized	04/04/2016

**DDF Authorizations**