

Global Grant Application

GRANT NUMBER
GG2001389

STATUS
Approved

Basic Information

Grant title

Project Alesi

Type of Project

Humanitarian Project

Address community needs and produce sustainable, measurable outcomes

Primary Contacts

Name	Club	District	Sponsor	Role
Jagi Shahani	Cupertino	5170	Club	International
Kanyana Muriuki	Muthaiga	9212	Club	Host

Committee Members

Host committee

Name	Club	District	Role
Wendy Malinda	Muthaiga	9212	Secondary Contact
Wambani Sidika	Muthaiga	9212	Secondary Contact
Douglas Gicho	Muthaiga	9212	Secondary Contact
Reuben Mwangi	Muthaiga	9212	Secondary Contact
Sandra Bomett	Muthaiga	9212	Secondary Contact

International committee

Name	Club	District	Role
Orrin Mahoney	Cupertino	5170	Secondary Contact International
Pearl Cheng	Cupertino	5170	Secondary Contact International
Alysa Sakkas	Cupertino	5170	Secondary Contact International

Do any of these committee members have potential conflicts of interest?

No

Project Overview

Tell us a little about your project. What are the main objectives of the project, and who will benefit from it?

The project's primary goal is to afford easy access to potable water for two villages in Turkana County, Kenya. Currently, the village folk have to walk 8-10 Kms to another village - where there is a bore hole -- to get water. This requires that parents have to take their children out of school and it becomes an all-day endeavor to get water. For immediate water needs, village folk go to a nearby dry river bed and dig holes in the hope of finding some water. By having a bore hole and storage tank in the heart of the villages, the people of the villages will be able to settle and have their children go to school. This project will also provide wash stations adjacent to the schools and in the heart of the villages. Once water is available to them, the village folks - who have herds of goats and sheep - will also be provided with animal troughs to feed their herds and will not need to wander in search of water for their animals. Having water available close by will lead to better hygiene and sanitation. Moreover, with no water available in the villages, they have not been able to attract qualified teachers. When completed, the bore holes will serve a total population of approx. 5,000.

Areas of Focus

Which area of focus will this project support?

Water, sanitation, and hygiene

Measuring Success

Water, sanitation, and hygiene

Which goals will your activity support?

Facilitating universal and equitable access to safe and affordable drinking water; Improving community hygiene knowledge, behaviors, and practices that help prevent the spread of disease;

How will you measure your project's impact? You need to include at least one standardized measure from the drop-down menu as part of your application.

Measure	Collection Method	Frequency	Beneficiaries
Number of people with access to improved sources of drinking water	Direct observation	Every three months	2500+
Number of communities with a functioning governance committee in place	Focus groups/interviews	Every three months	1-19
Number of communities utilizing a tariff/usage fee structure	Surveys/questionnaires	Every two months	1-19
Number of individuals trained	Testing	Every three months	1-19
Number of people with access to improved sources of drinking water	Direct observation	Every month	Added on Report
Number of people with access to disinfected water through household water treatment	Direct observation	Every two weeks	Added on Report

Do you know who will collect information for monitoring and evaluation?

Yes

Name of Individual or Organization

Rotary Club of Muthaiga

Briefly explain why this person or organization is qualified for this task.

RC Muthaiga has a great track record in executing Global Grant projects. Kanyana Muriuki and Nelly Kasina who have been identified by the current and past presidents of Muthaiga are two of the key team members who will be the primary contacts with the beneficiaries. Kanyana is the Managing Director of Nyana Engineering Company which is a construction company focusing on water infrastructure projects in Kenya. Nelly works for UNICEF, Kenya in the WASH department focusing on delivering WASH services in conjunction with the national government.

Location and Dates

Humanitarian Project

Where will your project take place?

City or town

Kaikol & Nakudet

Province or state

Turkana

Country

Kenya

When will your project take place?

2021-02-28 to 2021-07-31

Participants

Cooperating Organizations (Optional)

Name	Website	Location
Turkana Basin Institute	turkanabasin.org	Hardy Post, 2nd Floor, Ushirika Road, Karen Nairobi Kenya

Supporting Documents

- Cooperating_Organization_Memorandum_of_Understanding_en_Final.pdf

Do any committee members have a potential conflict of interest related to a cooperating organization?

No

Why did you choose to partner with this organization and what will its role be?

The Turkana Basin Institute (TBI) is the organization that hosted our first visit to the region and introduced us to the villages when we installed LED lights in the schools and clinics. They have a Research facility in Turkwel, Turkana which is very close to the beneficiary villages. TBI was founded by Richard Leakey in 2005. TBI has nominated an individual, Joanne Velo, who is their Community Development Manager, and is our primary interface on the ground. They are highly respected by the local village folks and have helped us with the Community Needs Assessment. TBI has agreed to assign Joanne Velo as a resource throughout the project at no cost to Rotary.

Partners (Optional)

List any other partners that will participate in this project.

Rotarian Participants

Describe the role that host Rotarians will have in this project.

RC Muthaiga will be our primary interface with the villages and TBI, our international partner. They will assist in vendor and contractor selection, monitor progress through the project, and disburse funds as and when required. They will also provide progress reports and the final report.

Describe the role that international Rotarians will have in this project.

RC Cupertino Project Lead for this project will communicate and interface with the Host club and the international partner on a regular basis to ensure that project progress and execution are proceeding as planned.

Budget

What local currency are you using in your project's budget?

The currency you select should be what you use for a majority of the project's expenses.

What is the budget for this grant?

List each item in your project's budget. Remember that the project's total budget must equal its total funding, which will be calculated in step 9. Every global grant includes a match of at least \$15,000 from The Rotary Foundation's World Fund. Project budgets, including the World Fund match, must be at least \$30,000.

#	Category	Description	Supplier	Cost in KES	Cost in USD
1	Operations	Drilling 2 boreholes	Izay Group	7570000	72095
2	Operations	Hand wash stations at CED Centres	Izay Group	492000	4686
3	Operations	Animal Troughs for Kaikol Village (3)	Izay Group	801000	7629
4	Operations	Animal Troughs for Nakudet (1)	Izay Group	267000	2543
5	Personnel	Hydrological Survey for Nakudet	Im Kinyua	120000	1143
6	Monitoring/evaluation	Hydrogeologist	Nehemiah Ajwang	110000	1048
7	Project management	On-site Project Manager	David Tanui	120000	1143
8	Travel	Nairobi to Lodwar return	Kanyana Muriuki & Nelly Kasina	137000	1305
9	Accommodations	On site stays	At Turkana Basin Institute, Turkwel at discounted rates	77490	738
10	Personnel	Hand Wash Training	Ekai Emmanuel	126000	1200
11	Supplies	Hand Wash Training Material for 6 months	Turkana Basin Insitute	78750	750
Total budget:				9899240	94280

Supporting Documents

- WASH_TrainingBudget.pdf

Funding

Tell us about the funding you've secured for your project. We'll use the information you enter here to calculate your maximum possible funding match from the World Fund.

#	Source	Details	Amount (USD)	Support*	Total
1	District Designated Fund (DDF)	5170	42,890.00	0.00	42,890.00
2	Cash from Club	Muthaiga	1,000.00	50.00	1,050.00
3	Cash from Club	Reno	2,000.00	100.00	2,100.00
4	District Designated Fund (DDF)	5190	2,000.00	0.00	2,000.00
5	District Designated Fund (DDF)	5220	750.00	0.00	750.00

*Whenever cash is contributed to the Foundation to help fund a global grant project, an additional 5 percent is applied to help cover the cost of processing these funds. Clubs and districts can receive Paul Harris Fellow recognition points for the additional expense.

How much World Fund money would you like to use on this project?

You may request up to 45,640.00 USD from the World Fund.

45640

Funding Summary

DDF contributions:	45,640.00
Cash contributions:	3,000.00
Financing subtotal (matched contributions + World Fund):	94,280.00
Total funding:	94,280.00
Total budget:	94,280.00

Sustainability

Humanitarian Projects

Project planning

Describe the community needs that your project will address.

Today the village folk have to walk 8-10 Kms to another village - where there is a bore hole -- to get water. This requires that parents have to take their children out of school and it becomes an all-day endeavor to get water. For immediate water needs, village folk go to a nearby dry river bed and dig holes in the hope of finding some water. By having a bore hole, storage tank, hand wash stations and animal troughs in the heart of and/or close by to the villages, the people of the villages will be able to settle and have their children go to school. Having water available close by will lead to better hygiene and sanitation. Moreover, with no water available in the villages, they have not been able to attract qualified teachers. When completed, the bore holes will serve a total population of approx. 5,000.

How did your project team identify these needs?

We identified these needs when we visited the villages in August 2018 and since then we have worked with the Cooperating Organization, the Turkana Basin Institute (TBI) and the Host Club, Rotary Muthaiga to conduct a community needs assessment. The Community Relations Manager met with village elders, local county government representatives and the National Government representative responsible for this ward in the

county.

How were members of the benefiting community involved in finding solutions?

Members of the benefiting community told us first-hand that their most pressing need was convenient access to clean water. Village elders have been involved in identifying ways to have access to water with other NGO's. Unfortunately, the NGO's did not accept input from the village elders and installed shallow wells far from the village that produced unclean water.

How were community members involved in planning the project?

Community members have had regular meetings with TBI, County Government officials responsible for boreholes and National Government representatives to define how they would use the water and take ownership for the operation, monitoring, & routine maintenance of the bore holes.

Project implementation

Summarize each step of your project's implementation.

Do not include sensitive personal data, such as government ID numbers, religion, race, health information, etc. If you include personal data, you are responsible for informing those whose personal data is included that you are providing it to Rotary and that it will be processed in accordance with Rotary's [Privacy Policy](#).

#	Activity	Duration
1	Project Kickoff	1 day
2	Drilling Contractor negotiations and contract	3 days
3	Kaikol Borehole Drilling	2 weeks
4	Kaikol Pump installation, solar panel & commissioning	1 week
5	Kaikol Water tower installation	2 weeks
6	Kaikol Hand wash station installation	1 week
7	Kaikol Animal Trough installations	1 week
8	Nakudet Borehole Drilling	2 weeks
9	Nakudet Pump installation, solar panel & commissioning	1 week
10	Nakudet Water tower installation	2 weeks
11	Nakudet Hand wash station installation	1 week
12	Nakudet Animal Trough installations	1 week
13	Kaikol Operator Training	1 week
14	Nakudet Operator Training	1 week
15	Kaikol Hand Wash Training	6 months
16	Nakudet Hand Wash Training	6 months
17	Kaikol Desalination Plant Installation	--

Will you work in coordination with any related initiatives in the community?

No

Please explain. Are local initiatives not addressing these needs? Or, if they are, why did you decide not to work with them?

There no current local initiatives. In 2017, a shallow well was dug by the Christian Missionary Fellowship (CMF). This was located by the dry-river bank, but during the process of drilling the roots of plants were injured contaminating water giving it an odor with worms and is not safe for consumption.

Please describe the training, community outreach, or educational programs this project will include.

Training for routine operation, monitoring and maintenance shall be conducted by the drilling contractor and will be included in the cost of the contract. The first year of monitoring and maintenance is also included in the cost.

In addition, TBI and RC Muthaiga will schedule regular community meetings to assist the village folks in

learning how to manage the water "utility" and organizing for equitable distribution, use and financial management.

Hand Washing Training programs will be set up to teach the school children on hygienic hand washing practices.

How were these needs identified?

These needs were identified in the course of doing the community assessment. The village had set up a Water Committee in 2017 when the shallow well was dug, but it never got the opportunity to operate.

What incentives (for example, monetary compensation, awards, certification, or publicity), will you use, if any, to encourage community members to participate in the project?

None planned at this time.

List any community members or community groups that will oversee the continuation of the project after grant-funded activities conclude.

Kaikol Water Committee
Nakudet Water Committee

Budget

Will you purchase budget items from local vendors?

Yes

Explain the process you used to select vendors.

TBI has drawn on its own experience when they had a borehole installed in 2012 for their own use. In addition, they consulted with local County Government officials responsible for boreholes in the region to identify drilling contractors who could undertake turnkey projects. The focus was to find who had relevant knowledge of the local environment and conditions and who could provide detailed itemized quotes that were competitive. RC Muthaiga was involved in the due diligence process to ensure that we are picking the right contractor (more details in the Due Diligence - Bidding Process document in Supporting documentation).

Did you use competitive bidding to select vendors?

Yes

Please provide an operations and maintenance plan for the equipment or materials you anticipate purchasing for this project. This plan should include who will operate and maintain the equipment and how they will be trained.

The operation and routine maintenance of the equipment will be handled by the Drilling Contractor for the first year after handover and this cost is included in the contract. The Drilling Contractor will also train designated personnel at each village - named by the respective Water Committees - on monitoring and routine maintenance.

Describe how community members will maintain the equipment after grant-funded activities conclude. Will replacement parts be available?

Routine maintenance will be carried out under the tutelage of Kaikol and Nakudet Water Committees respectively for their villages after the first year.

For major repairs and maintenance, the Kenya Water Sector Trust Fund - a Kenyan State Corporation - has the charter of providing funds and assistance. This organization reports to the Ministry of Water & Sanitation who have been involved in the planning of the proposed boreholes. When the boreholes are completed and handed over, they will be registered in the National database and "adopted" by the Ministry. This then makes them eligible for assistance. (see attached write up).

If the grant will be used to purchase any equipment, will the equipment be culturally appropriate and conform to the community's technology standards?

No

Describe how the project team will help community members adopt the technology.

The Project team will contract with the Drilling Contractor to provide training in the monitoring and routine maintenance (such as filter clean out and changes, etc.) of the borehole. The team will oversee delivery of such training.

After the project is completed, who will own the items purchased by grant funds? No items may be owned by a Rotary district, club, or member.

On completion of the project, each installation will become the property of the the villages of:

Kaikol &
Nakudet

Funding

Does your project involve microcredit activities?

Have you found a local funding source to sustain project outcomes for the long term?

Yes

Please describe this funding source.

The key funding source for sustainable project outcome is the Kenyan Water Sector Resources Fund (<https://waterfund.go.ke/>). This is because the Project Team has ensured that we have involved the Ministry of Water at the County level throughout the needs assessment and planning process. The Ministry has provided the team with access to hydrologists, hydrogeologists, and drilling contractors who have helped in the planning and will be available during implementation.

Will any part of the project generate income for ongoing project funding? If yes, please explain.

Yes. The Water Committees of Kaikol and Nakudet will collect fees for the usage of water by the village population. These fees will cover the cost of routine monitoring and maintenance.

Supporting Documents

- Alesi_community_assessment_results.pdf
- DueDiligence_BidProcess.pdf
- Excerpt-HYGIENE_PROMOTION_IN_SCHOOLS_BOOK.pdf
- Hydrological_Survey_Main_Report-Kaikol.pdf
- Kenya_Groundwater_Mapping_Programme_Infokit.pdf
- ProjectAlesi_Brochure_11-16-2020.pdf
- Project_Alesi_ContingencyPlans.pdf
- Project_Alesi_Quotations.pdf
- Project_Alesi_Summary.pdf
- Project_Alesi_WASH_Training_3-21-21_Rev2.pdf
- Travel_Accommodation_-_Budget.xls
- WaterFund_Service_Charter_2019-ed.pdf
- Water_Sector_Fund.pdf
- hand-washing-curriculum.pdf

Authorizations

Authorizations & Legal Agreements

Legal agreement

Global Grant Agreement

I confirm and agree to the following:

1. All information contained in this application is, to the best of our knowledge, true and accurate.
2. We have read the Terms and Conditions for Rotary Foundation District Grants and Global Grants ("Terms and Conditions") and will adhere to all policies therein.
3. The grant sponsors ("Sponsors") shall defend, indemnify, and hold harmless Rotary International (RI) and The Rotary Foundation (TRF), including their directors, trustees, officers, committees, employees, agents, associate foundations and representatives (collectively "RI/TRF"), from and against all claims, including but not limited to claims of subrogation, demands, actions, damages, losses, costs, liabilities, expenses (including reasonable attorney's fees and other legal expenses), awards, judgments, and fines asserted against or recovered from RI/TRF arising out of any act, conduct, omission, negligence, misconduct, or unlawful act (or act contrary to any applicable governmental order or regulation) resulting directly or indirectly from a Sponsor's and/or participant's involvement in grant-funded activities, including all travel related to the grant.
4. The failure of the parties to comply with the terms of this Agreement due to an act of God, strike, war, fire, riot, civil unrest, hurricane, earthquake, or other natural disasters, acts of public enemies, curtailment of transportation facilities, political upheavals, acts of terrorism, or any similar cause beyond the control of the parties shall not be deemed a breach of this Agreement. In such an event, the Agreement shall be deemed terminated and the Sponsors shall refund all unexpended global grant funds within 30 days of termination.
5. TRF's entire responsibility is expressly limited to payment of the total financing amount. TRF does not assume any further responsibility in connection with this grant.
6. TRF reserves the right to cancel the grant and/or this Agreement without notice upon the failure of either or both of the Sponsors to abide by the terms set forth in this Agreement and the Terms and Conditions. Upon cancellation, TRF shall be entitled to a refund of any global grant funds, including any interest earned, that have not been expended.
7. The laws of the State of Illinois, USA, without reference to its conflicts of laws principles, shall govern all matters arising out of or relating to this Agreement, including, without limitation, its interpretation, construction, performance, and enforcement.
8. Any legal action brought by either party against the other party arising out of or relating to this Agreement must be brought in either, the Circuit Court of Cook County, State of Illinois, USA or the Federal District Court for the Northern District of Illinois, USA. Each party consents to the exclusive jurisdiction of these courts, and their respective appellate courts for the purpose of such actions. Nothing herein prohibits a party that obtains a judgment in either of the designated courts from enforcing the judgment in any other court. Notwithstanding the foregoing, TRF may also bring legal action against Sponsors and/or individuals traveling on grant funds in any court with jurisdiction over them.
9. This Agreement binds and benefits the parties and their respective administrators, legal representatives, and permitted successors and assigns.
10. If any provision of this Agreement is determined to be illegal, invalid or unenforceable, the remaining provisions of this Agreement shall remain in full force and effect.

11.Sponsors may not assign any of its rights under this Agreement except with the prior written consent of TRF. Sponsors may not delegate any performance under this Agreement without the prior written consent of TRF. Any purported assignment of a Sponsor's rights or delegation of performance without TRF's prior written consent is void.

12.TRF may assign some or all of its rights under this Agreement to an associate foundation of TRF. TRF may delegate any performance under this Agreement to an associate foundation. Any other purported assignment of TRF's rights or delegation of performance without the Sponsors' prior written consent is void.

13.Sponsors will comply with all economic and trade sanctions, including those implemented by the Office of Foreign Assets Control (OFAC) of the United States Department of Treasury, and will ensure that they do not support or promote violence, terrorist activity or related training, or money laundering.

14. This Agreement constitutes the final agreement between the parties. No amendment or waiver of any provision of this Agreement shall be effective unless it is in the form of a writing signed by the parties.

15. Rotary International (RI) and TRF may use information contained in this application and subsequent reports to promote the activities by various means such as The Rotarian, Rotary Leader, rotary.org, etc. Unless indicated otherwise in writing, by submission of the photos, the parties hereby grant to RI and TRF the worldwide right to publish and use the photos, including but not limited to, in RI and TRF publications, advertisements, and Web sites and on social media channels and to license use to others, including, but not limited to, media outlets and its partners and through RI's online image database, for the purposes of promoting Rotary. By submitting the photos, the parties represent and warrant that all persons appearing in the photos have given their unrestricted written consent to use their likenesses and to license use to third parties.

16. The Sponsors agree to share information on best practices when asked, and TRF may provide their contact information to other Rotarians who may wish advice on implementing similar activities.

17. The Sponsors will ensure that all individuals traveling on grant funds have been informed of the travel policies stated in the Terms and Conditions and have been made aware that they are responsible for obtaining travel insurance.

Primary contact authorizations

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.

All Authorizations & Legal Agreements Summary

Primary contact authorizations

Name	Club	District	Status	
Jagi Shahani	Cupertino	5170	Authorized	Authorized on 24/02/2021
Kanyana Muriuki	Muthaiga	9212	Authorized	Authorized on 25/02/2021

District Rotary Foundation chair authorization

Name	Club	District	Status	
Peter Mbui	Nairobi-East	9212	Authorized	Authorized on 15/03/2021
Orrin Mahoney	Cupertino	5170	Authorized	Authorized on 24/02/2021

DDF authorization

Name	Club	District	Status	
Orrin Mahoney	Cupertino	5170	Authorized	Authorized on 24/02/2021
Gregory Giusiana	Gilroy	5170	Authorized	Authorized on 26/02/2021
Wyn Spiller	Grass Valley	5190	Authorized	Authorized on 23/11/2020
Roberta Pickett	Amador Upcountry (Pioneer)	5190	Authorized	Authorized on 24/11/2020
Ellen Hancock	Tracy Sunrise	5220	Authorized	Authorized on 18/11/2020
Sherry Cotta	Lodi	5220	Authorized	Authorized on 30/11/2020

Legal agreement

Name	Club	District	Status	
Stuart Rosenberg	Cupertino	5170	Accepted	Accepted on 24/02/2021
Sandra Bomett	Muthaiga	9212	Accepted	Accepted on 25/02/2021