

Basic Information

Grant title

Providing safe drinking water, sanitation and hygiene facilities in 9 schools of Jwalamukhi, Nepal

Type of Project

Humanitarian Project

Address community needs and produce sustainable, measurable outcomes

Primary Contacts

Name	Club	District	Sponsor	Role
Guneshwar Mahato	Narayangarh	3292	Club	Host
Andrew Chamberlain	Honolulu Sunset	5000	Club	International

Committee Members

Host committee

Name	Club	District	Role
Yagya Bajracharya	Narayangarh	3292	Secondary Contact
Sewan Panta	Narayangarh	3292	Secondary Contact

International committee

Name	Club	District	Role
Arjun Aryal	Honolulu Sunset	5000	Secondary Contact International
Paul Moroz	Honolulu Sunset	5000	Secondary Contact International
Christel Yount	Honolulu Sunset	5000	Secondary Contact International
Maria Melrose	Honolulu Sunset	5000	Secondary Contact International
Elizabeth Kane	Honolulu Sunset	5000	Secondary Contact International
Winton Schoneman	Honolulu Sunset	5000	Secondary Contact International
James Ham	Honolulu Sunset	5000	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?

WHAT: This project aims to provide safe and clean drinking water, safe and hygienic sanitation, hand washing, menstrual hygiene and WaSH behavior change services to around 2,000 students, teachers and staff of 9 governmental community schools of Jwalamukhi rural municipality in Dhading district, Nepal.

WHERE: In Jwalamukhi rural municipality, there are total population of 23,966 and the total geographical area is 114.04 square kilometers. There are 42 community schools and 4 private boarding schools (Source: Education in Figures, 2017, GoN) with 3,404 girls and 3,195 boys in Jwalamukhi. Out of these 42 community schools, 9 schools are selected for this WaSH in schools (WinS) program, as these schools are lacking of basic WaSH services.

WHY: All of these schools do not have access to drinking water or safe drinking water, hand washing facilities and safe menstrual hygiene services. Some of the schools already have toilets but there is no water. Many students leave school early when they are very thirsty or dehydrated. Some schools have staff to fetch water (carrying on their back) for the whole day but that is only to be consumed by teachers/staff. Also, because of lack of toilets with water and menstrual hygiene management, many girls skip schools during their menstrual cycles. As of result, the lack of water/hygiene is directly related to students' academic performance. The existing WaSH situation (Community Needs Assessment, July 2021) show that out of 9 schools, 7 schools do not have water, 8 do not have hand washing facilities and none of the schools do have menstrual hygiene services (Pad vending and disposal machines).

SOLUTION: The proposed solutions of the WaSH in schools facilities include (i) provision of treated drinking water services through water purification systems and Gender, Child and Disabled (GCD) friendly water dispensers (ii) GCD friendly hand washing stations (iii) GCD friendly separate toilets and urinals for girls and boys with all time water availability (iv) menstrual hygiene services for young girls (Pad vending machines and safe disposals of used pads) (v) solid wastes management in schools (vi) minor repairs of existing water supply systems to get access of 24 hours water supply and (vii) behavior change activities on WaSH.

Areas of Focus

Which area of focus will this project support?

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	Grant records and reports	Every year	1-19
Number of people with access to improved sanitation facilities	Grant records and reports	Every year	1-19
Number of individuals trained	Grant records and reports	Every year	1-19

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

Yes

Name of Individual or Organization

Wine To Water Nepal

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

These organizations have more than 5 years of experiences in WaSH projects implementation, monitoring and evaluation in schools and communities.

Location and Dates

Humanitarian Project

Where will your project take place?

City or town

9 community schools of Jwalamukhi rural municipality

Country

Nepal

When will your project take place?

2022-01-01 to 2022-12-31

Province or state

Bagamati

Participants

Cooperating Organizations (Optional)

Name	Website	Location
Water Center 21 PAHAL		Bharatpur-11, Chitwan Bharatpur Nepal
Wine To Water Nepal	www.winetowater.org	Jawalakhel, Lalitpur Metropolitan City-4 Lalitpur Nepal

Supporting Documents

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?

Water Center 21 PAHAL is a not for profit organization established by more than 30 years WaSH sector experienced people (e.g. Suman Prasad Sharma, former secretary of finance and water ministries, Achyut Luitel, South Asia Director for Practical Action Nepal) and it can be a vital organization for the M&e and innovations in WinS program.

Wine To Water Nepal will have an important role on the behavioral change in WaSH activities in schools by supporting and deploying staff e.g. technician, field coordinator and social mobilizers.

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.

The main roles of the host Rotarians shall be:

1. Management of funds
2. Maintaining transparency
3. Organize joint monitoring and evaluation of the project
4. Support the cooperating organization on baseline data establishment, M&E, procurement plan preparation, follow-up of implementation activities and timely report submission.

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

The roles and responsibilities of the international Rotarians will be:

- Contribution of major portion of funds for this project
- Remote monitoring and evaluation based on progress report provided
- Support the host club in completing necessary reports to be provided to The Rotary Foundation.

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.

Local Currency
NPR

U.S. dollar (USD) exchange rate
115

Currency Set On
08/10/2021

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 NPR	Cost in USD
1	Supplies	Water systems repair and rain water harvesting	Vendor	1850000	16087
2	Equipment	Water purification systems	Vendor	1150000	10000
3	Equipment	Water dispensers	Vendor	225000	1957
4	Supplies	Pipes and fittings	Vendor	225000	1957
5	Supplies	Hand washing stations	Vendor	400000	3478
6	Equipment	Pad vending machines	Vendor	705000	6130
7	Equipment	Pad combustors	Vendor	540000	4696
8	Operations	Behavior change activities	RCN	765000	6652
9	Training	Training to child clubs, parents teachers association	RCN	225000	1957
10	Monitoring/evaluation	Half yearly M&E, public hearing	Water Center 21 PAHAL	250000	2174
11	Signage	Display/Information board	Vendor	90000	783
12	Project management	Contingency @5% and M&E charge for Social Welfare Council	Vendor	321250	2793
Total budget:				6746250	58664

Supporting Documents

- Costing-Details-9Schools.xlsx

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	Cash from Club	Narayangarh	1,000.00	50.00	1,050.00

*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 0.00 USD from the World Fund.

Funding Summary

Cash contributions:	1,000.00
Financing subtotal (matched contributions + World Fund):	1,000.00
Total funding:	1,000.00
Total budget:	58,664.00

Sustainability

Humanitarian Projects

Project planning

Describe the community needs that your project will address.

This project aims to address the lack of access to safe and clean drinking water, sanitation, hygiene, menstrual hygiene, WaSH behavior changes in 9 governmental schools of Jwalamukhi rural municipality, Dhading district. All schools do not have reliable access to safe drinking water, hand washing services and menstrual hygiene management facilities. Some schools have assigned assistants to fetch water on their backs from the distant water sources, which take more than an hour to bring one vessel (20 ltrs) of water. The toilet situations of most schools are unhygienic and no water inside the toilets. No schools have the GCD friendly hand washing stations in the school premises. This project will address two types of needs; (1) easy access to WaSH facilities with provision of water filters including water dispensers, hand washing units, pad vending and disposal machines and (2) WaSH behavior change through 3-star approach, mobilizing child/echo-clubs/ parent-teacher association, events celebrations, training/ orientation and WaSH competitions in schools. The toilets improvement has not been proposed here, as the ward offices and rural municipality are putting some money annually for the repair and improvements of the toilets and urinals.

How did your project team identify these needs?

These governmental schools have been suffering from access to safe water, sanitation and hygiene facilities for many years, they have requested for the support to the local NGOs, ward offices and rural municipality. Due to the limited funding resources, the local body and ward offices were not able to address these issues fully, the rural municipality requested to Rotary club of Dhading and RC Dhading forwarded all these requests to Rotary club of Narayangarh. The schools teachers and headmasters have also some connections with rotary club members, who have approached to the rotary clubs. The team of the rotary clubs consulted with the ward chairs and chairperson of Jwalamukhi rural municipality on these issues, and came to the conclusion that the needs of the villagers are real and genuine and decided to visit the schools.

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

The school teachers, ward chairs and members of the school management committee were involved in the detailed discussions, during the mass meeting, to identify solutions. They suggested that the water treatment

filters with dispensers, hand washing stations, pad vending machines, pad disposal machines would address the real needs of the schools. They also informed us that the existing water sources are contaminated, located at far distance, dangling pipes are temporary means of water supply which need frequent repairs, toilets are unused due to the water unavailability in the toilets. The proposed solutions were discussed with and verified through focused group members and key informants. The school teachers and SMC members have also seen similar projects successfully implemented in other schools in Jwalamukhi rural municipality.

How were community members involved in planning the project?

School Management Committee (SMC) members and school teachers were involved in the planning of the project from the initiation stage. The ward chairperson, school principals and technical staff of the rural municipality have played very active roles in the planning of the project. They have been involved in the following planning items:

- deciding the coverage of the service areas i.e. schools, water sources, pipeline alignments, location of the filters installation, hand washing units, pad disposal locations
- the selection of quality material, procurement and storage
- the hiring/mobilization of skilled labors, schools' contributions for the sustainability
- the hygiene and sanitation behavior change activities (3-star approach, event celebrations, WaSH competitions, WaSH orientations)
- the sustainability of the project through the selection and training of an operator, the allocation of budgets for the monthly electricity bills, minor repairs and maintenance.

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	Preparatory activities (MoU signing, detailed engineering survey, design, estimate preparation)	2 weeks
2	Procurement, transportation and storage of filters, hand washing units, pad vending machines, pipes and fittings, pad disposal machines	4 weeks
3	Collection of local materials like sand, aggregates, stones	3 weeks
4	M&E 1 and Public hearing I	1 week
5	Construction of Intake and Rainwater harvesting tanks	8 weeks
6	Pipeline trench digging, pipe laying and backfilling	4 weeks
7	Installation of water purification units and their testing/ commissioning	4 weeks
8	Installation of hand washing units and their testing/ commissioning	4 weeks
9	Installation of pad vending and disposal machines and their testing/ commissioning	4 weeks
10	M&E 2 and Public Hearing II	1 week
11	Implementation of 3 star approach, events celebrations, orientation on WaSH behavior change, WaSH competitions	12 week

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 is no local initiative ongoing related to water supply, sanitation, hygiene, menstrual hygiene management, solid waste management in these 9 schools.

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

1. On the job training for the school assistant/ operator:
2. Training/orientation on 3 star approach and its continual follow-up:
3. WaSH competitions and students/ schools:
4. Events celebrations (World water day, world toilet day, environment day, menstrual hygiene day etc.)
- 5.

How were these needs identified?

These needs were identified based on the:

- Community needs assessment results
- Focused group discussion with the school teachers and staff
- Key informants interview with the SMC chairperson and school assistants
- Standard practices of child/echo clubs' capacity building activities used in the most school WaSH projects in Nepal.

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

The schools and the school management committees will ultimately be the beneficiary/owner of the project. The following items are additional benefits and incentives for the schools:

1. Recognition of the School Management Committee (SMC): This body representing the school management will be the governing and leading body for the overall managerial responsibilities of the project
2. Training/orientation to the child/ echo clubs, parent teachers association
3. All skilled and unskilled labors will be from the beneficiary communities. These are paid position that will provide additional income to families and the community at large.
4. Whenever feasible, local materials will be purchased for the construction project.

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

Following will be responsible for the continuation and sustainability of the project:

1. School Management Committee (SMC): 11 membered committee representing all clusters and levels of people, registered in the municipality as an institution (as per local body operation act 2074), responsible for all implementation related decisions, community mobilization, mobilization of operator/ maintenance worker, signing on the tripartite implementation agreement, fund management.
2. Child/ Echo Clubs: These clubs are the catalysts for the change in behaviors of WaSH in schools.
3. Parent Teachers Association: This is also a body to mobilize and oversee the project and its long term sustainability.

Budget

Will you purchase budget items from local vendors?

Yes

Explain the process you used to select vendors.

All required materials, water treatment units, hand washing stations, pad vending machines, pad disposal machines are procured through local vendors by competitive bidding process. The vendors selection are guided by the financial management plan of the club and the schools and Public Procurement and Monitoring office (PPMO) guideline as described below:

- At least 3 quotations are collected from the potential/ reliable/ quality vendors
- Vendors are selected based on the (i) quality of the proposed materials/ goods (ii) past records of the vendors (iii) the unit price.

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.

Following plans are proposed:

1. Training of the care taker and providing some monetary incentives
2. Mobilization of the child/ echo clubs for the routine maintenance and cleaning of the filters, hand washing units, water dispensers, pad vending machines and disposal machines
3. Management and allocation of sufficient spare parts in the schools
4. 2-5 years warranty services on machines and equipment
5. Allocation of annual O&M fund by ward offices and schools for the equipment and machines.

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

The schools will make the following plans to maintain the equipment functional for the long run:

1. Water Treatment System: sufficient spare parts, cartridges, replaceable materials for at least 2 years
2. Hand washing stations: At least two years of warranties from the suppliers on it its valves, fittings, joints, plumbing
3. Pad vending machines and pad disposal machines: at least 2 years warranties on setting, spare parts and other replaceable goods.

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

Yes

Please explain.

1. Water purification systems: locally available, spare parts also locally available, can be operated with simple on-the-job training to the caretaker
2. Pipes and Fittings: Locally manufactured in Chitwan district, mostly HDPE and CPVC pipes will be used, Metal pipes will be discouraged, Gunmetal valves for openings/ flow control, GI fittings for the jointing
3. Hand washing units: locally manufactured in Chitwan or in Kathmandu
4. Pad vending and pad disposal machines: Pad vending imported from India and locally assembled, pad disposal machines locally produced in Nepal, spare parts locally available.

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.

School management committee and schools.

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 Jwalamukhi rural municipality for the O&M after conclusion of the project, which have also mentioned in the commitment letter.

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

No.

Supporting Documents

- Quotation-G-Tech.pdf
- Quotation-Lucent-Drop.pdf
- Quotation-Suping-International.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
Guneshwar Mahato	Narayangarh	3292	
Andrew Chamberlain	Honolulu Sunset	5000	

District Rotary Foundation chair authorization

Name	Club	District	Status
Mithilesh Jha	Rajdhani	3292	
Adelbert Green	Downtown Honolulu	5000	

DDF authorization

Name	Club	District	Status
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Legal agreement

Name	Club	District	Status
Arjun Aryal	Honolulu Sunset	5000	
Arun Khanal	Narayangarh	3292	