

## Basic Information

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### Grant title

Bhangre Jhayaure Water Project

### Type of Project

#### Humanitarian Project

Address community needs and produce sustainable, measurable outcomes

### Primary Contacts

Name	Club	District	Sponsor	Role
Ranjeev Shrestha	Dhulikhel	3292	Club	Host
Courtney Usborne	St. Catharines-Lakeshore	7090	Club	International

## Committee Members

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### Host committee

Name	Club	District	Role
Sanjay Khanal	Dhulikhel	3292	Secondary Contact
Pralhad Parajuli	Dhulikhel	3292	Secondary Contact

### International committee

Name	Club	District	Role
Bruce Timms	St. Catharines-Lakeshore	7090	Secondary Contact International
Milica Kovacevich	St. Catharines-Lakeshore	7090	Secondary Contact International

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

No

## **Project Overview**

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

Nepal is a landlocked nation with the current population of over 27 million people. As reported by the World Bank, Nepal is one of the poorest nations in the world with an estimated GDP per capital of US\$470. With a staggering 42 percent of the population living below the poverty line. Water is one of the basic human necessities but a large proportion of the Nepalese population is devoid of access to safe and adequate drinking water. According to the Department of Water Supply and Sewerage in Nepal, even though an estimated 80% of the total population has access to drinking water, it is not safe. Those belonging to poor and excluded groups in rural areas have limited to no access. Many in remote areas have to rely on small brooks running from the mountains and spend hours traveling to get water. Still the drinking water available is not always safe as supplied water is often polluted.

Bhangre Jhayaure village is located at Bardibas-10 & 11, Mahottari District of Nepal. This village is located inside the forest with houses scattered. There are population of 1185 with male population 515 and female 670 from 194 households. The literacy rate of this village is 46.67% and 100% population rely upon agriculture. The main ethnicity of this area is tamang community, the indigenous group of Nepal. There is one school and one sub health post in this village.

People of Bhangre Jhayaure Village rely upon from river, small well and some natural sources which are not safe for drinking purpose. People have to walk two hour to get water and use water for both drinking, washing and for cattle as well. Majority times of women are spending for bringing the water to the home. They even attack by wild animal while fetching the water. People have to go village through river way and during monsoon season (three months) the connection between village and outer world get disconnected as water level rise at dangerous level. Every year many people suffer from water borne disease due to consuming unsafe water. During monsoon season the number of people getting sick rises as people have to drink water from flood.

For drinking water purpose there is the water source which is 3.7 kms distance and safe for drinking water purpose. Bardibas Municipality has tested the quality of the water and found that it is at standard of World Health Organization (WHO).

The main objectives of the project are :

1. Access to clean drinking for the community of Bhangre Jhayaure village
2. Training on water & sanitation to community of Bhangre Jhayaure village

At moment this project will benefit 1185 population of Bhangre Jhayaure village but in future this project will benefit more than 1500.

## **Areas of Focus**

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### **Which area of focus will this project support?**

Water, sanitation, and hygiene

## **Measuring Success**

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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	Public records	Every three months	1000-2499
Number of individuals trained	Public records	Every three months	1000-2499

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

Yes

**Name of Individual or Organization**

Bardibas Municipality

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

Bardibas Municipality is the local government office that is responsible for most of the activities including keeping all the data of development sector and for this they do have expert.

## Location and Dates

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Humanitarian Project

**Where will your project take place?**

**City or town**

Jhuare Bhangre village

**Country**

Nepal

**When will your project take place?**

2022-06-01 to 2023-06-01

**Province or state**

Madhes

## Participants

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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.**

1. Need Assessment/Preparing the Grant Application
2. Vendor Selection
3. Fundraising
4. Project Implementation
5. Financial Management of Project
6. Reporting of Grant to The Rotary Foundation & Project Partners

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

1. Help in Grant Application
2. Fundraising for the project
3. Help in project implementation
4. Reporting to partners

## Budget

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### **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.

<b>Local Currency</b>	<b>U.S. dollar (USD) exchange rate</b>	<b>Currency Set On</b>
NPR	120	18/02/2022

### **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	Equipment	Construction of whole drinking water system as per Nepal Government Estimation	Streamline Construction Company	7090246	59085
2	Training	Training on water & sanitation	Rotary Club of Dhulikhel	100000	833
3	Project management	Project Officer for six months	Er.Jyoti Shrestha	180000	1500
4	Monitoring/evaluation	10 times Project Monitoring & Evaluation	Sanjay Khanal,Er.Manik Lal Kalu Shrestha,Ranjeev Shrestha & Engineers From Bardibas Municipality	100000	833
5	Operations	Contingency cost	Rotary Club of Dhulikhel	600000	5000
Total budget:				8070246	67251

## 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	Dhulikhel	3,000.00	150.00	3,150.00

\*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

<b>Cash contributions:</b>	3,000.00
<b>Financing subtotal (matched contributions + World Fund):</b>	3,000.00
<b>Total funding:</b>	3,000.00
<b>Total budget:</b>	67,251.00

## Humanitarian Projects

### Project planning

#### **Describe the community needs that your project will address.**

The people of Bhangre Jhayaure village has extreme shortage of drinking water. People have to rely upon river, sprinkle etc for the drinking water purpose. Since ,this village lies at the middle to forest and river is the primary source of water, during monsoon time it is almost undrinkable . Even in normal time water is not suitable for drinking purpose. According to the World Health Organization (WHO),between 50 and 100 litres of water per person per day are needed to ensure that most basic needs are met and few health concerns arise. And village people of this areas are getting 4-11 liters depending upon the season which cannot met the WHO Standard. Village are scattered to many sections , the maximum time villager spend for the water is 2-3 water for fetching.

Because of lack of water for both drinking , washing and sanitation purpose , people often get sick .Water borne disease is common in this place. That is the reason, new drinking water project is most needed things in this village.

The distance between water source which is clean and bacteria free (lab test result) and collection tank is 3.5 kms . The water continuously flow from sprinkle . As per Detailed Project Report (DPR) which was conducted for feasibility of project and calculation of project budget , source is enough for whole village for more than 25 years with population growth rate of 1.68%.

#### **How did your project team identify these needs?**

Past President of Rotary Club of Dhulikhel Rtn.Ranjeev Shrestha was invited to visit this village during monitoring of the global grant GG2098754 (Nepal Community School Toilet Project). Few people of this area request if their is any kind of water project with Rotary Club of Dhulikhel as village people have been struggling with drinking water.. After some time Rotarian Ranjeev Shrestha with Rotarian Laxmi Khanal & Pralhad Prasad Parajuli visited the place and did some kind of need assessment. Engineers from Bardibas Municipality did survey and developed the Detail Project Report (DPR). Once engineering team confirm the permanent source of water , Rotary Club of Dhulikhel planned to support this community with drinking water project.

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

Benefiting community members provided their ideas and shared their experience regarding drinking water which are very helpful in finding solution.They also helped in identifying the permanent source of water for this water project.

#### **How were community members involved in planning the project?**

Community members provided their ideas based on their experience . And also provided some geographical knowledge which is helpful in planning the drinking water system as drinking water system need lot of digging and filling .They shared the quality of soil is normal and in some places it is hard.This knowledge helped us in planning budgetary part of project.

Bardibas Municipality helped in designing the project by developing the Details Project Report (DPR) which is very crucial in understanding the socio-economic status of the people and also the amount needed for the project.

### 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	Formation of Bhangre Jhayaure Drinking Water User Committee	1 month
2	Construction of Full Drinking Water System	8 months
3	Community based Water and Sanitation Training	3 months
4	Reporting to The Rotary Foundation	2 months

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

Yes

**Briefly describe the other initiatives and how they relate to this project.**

Nepal Government has planned drinking water to all program. And government is working on it. Due to budgetary constrain government couldn't materialize the program and requesting the non-profit and volunteering organization to be part of it.

Since, our project also aim to provide drinking water to villagers of Bhangre Jhayaure it coincidence with the Nepal Government plan to provide drinking water to all.

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

Basic Plumbing Program : Train to some local villagers on basic plumbing so that they will do necessary maintenance.

Water & Sanitation Program: Aware and train villagers on how to keep surrounding clean and germ free. How to keep water source clean and wise use of water.

Environmental awareness Program: Program aim on conservation of forest to keep environment conserve

**How were these needs identified?**

Needs were identified when Past President of Rotary Club of Dhulikhel Rtn. Ranjeev Shrestha visited the village when one of the villagers request him to visit and support the drinking water problem prevailing in village. Then team led by Rtn. Ranjeev Shrestha did need assessment and identified the needs are genuine and also found toilet problem and risk of landslide that could hamper water system.

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

Certification will be given to to encourage community members to participate in the project.

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

Bhangre Jhayaure Water User Group will oversee the continuation of the project after grant -funded activities conclude.

**Budget**

**Will you purchase budget items from local vendors?**

Yes

**Explain the process you used to select vendors.**

Project Details Report (DPR) was developed by Engineers from Bardibas Municipality . As per DPR , the total cost of the whole drinking water system is USD.59085 .

Project Details Report (DPR) was sent to nearby vendors if they agree to work with the cost calculated. We sent the following vendors for bidding

- 1.DNO Nirman Sewa
2. Amarjyoti Construction Company
- 3.Streamline Construction Company
- 4.Adarsha Nirman Sewa
- 5.Nava Adarsha Nirman Sewa

Only DNO Nirman Sewa, Streamline Construction Company , and Nava Adarsha Nirman Sewa sent the revised quotation based upon DPR

Streamline Construction Company was selected for this project due to lowest bid.

**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.**

Operation

Bhangre Jhayaure Drinking Water User Committee team will be trained both on effective operation of drinking water system. Once , project will be handed over to committee they will do monitoring in three months to ensure all the equipment that used in drinking water system are in working condition. In this way , it ensures the continuous flow of drinking water.

Maintenance Plan

Some of the members of Bhangre Jhayaure Drinking Water User Committee team will be trained on basic plumbing to do minor maintenance of drinking water system. And they will also be involved in fitting the pipes during construction phase so that they can understand the location and center points of pipes.

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

As per Detail Project Report, Monthly Operation & Maintenance Cost Schedule is NRs.28000 i.e USD.241 . That means every house hold has to pay USD.2 which is very nominal . And Bhangre Jhayaure Drinking Water User Committee will do the collection of USD.2 every month. Since, monthly operational and maintenance cost is nominal , it will be done by user group. For big scale maintenance in future , local government, Bardibas Municipality will support the committee for that.The equipment use for drinking water system is easily available in market.

**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.**

Equipment use in this project which includes HDPE pipes, GI pipes and its accessories , iron materials etc are culturally appropriate and conform to the community's technology standards.

**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.**

Bhangre Jhayaure Drinking Water User Committee will be form and they will own the items purchased by grant funds.

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.**

1. Income from members of Bhangre Jhayaure Drinking Water User Committee for using water.
2. Bardibas Municipality

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

No

## Authorizations

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### 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
Ranjeev Shrestha	Dhulikhel	3292	
Courtney Usborne	St. Catharines-Lakeshore	7090	

### District Rotary Foundation chair authorization

Name	Club	District	Status
Mithilesh Jha	Rajdhani	3292	
Sandi Chard	St. Catharines-Lakeshore	7090	

### DDF authorization

Name	Club	District	Status
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### Legal agreement

<b>Name</b>	<b>Club</b>	<b>District</b>	<b>Status</b>
Courtney Usborne	St. Catharines- Lakeshore	7090	
Jay Rai	Dhulikhel	3292	