

OBJECTIVES

WELCOME TO THE GLOBAL GRANT APPLICATION

Your application has been assigned the reference number GG1526080 , 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.

Grant objectives: Improve water and sanitation circumstances in 20 villages in the Lamjung District by building 70 biogas digester plants and latrines and provide hygiene training. Biogas digester and latrine access and use also has a direct impact on the focus categories of maternal and child health and disease prevention and treatment.

Nepal ranks as the 19th poorest country on the planet based on data from the International Monetary Fund World Economic Outlook Database, April 2013. The ranking is according to Gross Domestic Product Based on Purchasing-Power-Parity (PPP) Per Capita. Nearly 4 out of 10 Nepalese live in abject poverty, earning less than \$1 per day. Eighty three percent of the population lives in rural areas with little or no access to outside services due to poor road construction.

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

This project impacts men, women, and children. This project will reduce diseases and illnesses for entire families by improving water, sanitation and hygiene conditions in the home, the village and animal sheds. Biogas digester created methane gas will reduce/eliminate the polluted environment of smoke infested kitchens will improve respiratory health, especially of women and children. An estimated minimum of 500 people will benefit.

Which of the following activities will this global grant fund?

Humanitarian project

Humanitarian Project

Where will your project take place?

Community: 20 villages in the Lamjung District, including a few in the outlying areas of Gorkha and Kathmandu. The majority of these villages are eight hours away, some over 150 miles of narrow road.

City or Village: Lamjung District, Nepal

Country: Nepal

When do you anticipate your project will take place?

From:2015-03-16 **Until:** 2016-03-15

Outline your project implementation schedule.

No.	Activity	Duration
1:	building biogas plants,sanitation and leadership training	10 biogas plants and trainings per month

SUSTAINABILITY

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

1. Improved water sanitation
2. Improved hand washing facilities and hygiene training

3. Improved family nutrition

4. Improved health from reduced number of respiratory and eye illnesses

Nepal plans to achieve at least 53% toilet coverage by 2015 to meet the sanitation Millennium Development Goal (MDG). The Nepal Steering Committee for National Sanitation Action has formulated a Master Plan to expedite the pace of sanitation promotion and demonstrate Nepal's commitment in its sanitation endeavors. Community, district, regional and national level representatives were consulted for input to develop the Master Plan. Village Development Councils (VDC-a village based governmental body) states biogas digesters are their top priority. The Lamjung District Development Committee-that oversees entire development efforts in the district has prioritized creating open defecation free (ODF) areas to improve clean water sources and sanitation and smoke-free kitchen for all families as a top priorities. Building biogas digesters will contribute to clean water and sanitation goals set by the district.

Detail how your project will address these community needs.

1. Sanitation- households will have composting type latrines and hand washing facilities with running water that are in full use, operational and maintained.

2. Reduce disease and illness through improved sanitation: proper human and animal waste disposal

3. Clean water sources will be protected due to decreased open defecation, human and animal

4. Family nutrition improvement: biogas composted fertilizer produced will enhance family gardens

5. Women, infants and children's respiratory health will improve by replacing wood fires with smoke-free methane gas cooking in kitchens

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

Village Development Councils (VDC-a village governmental body) states biogas digesters are their top priority for greatest impact on water and sanitation. All adult members of the village (men and women) elect the VDC members to represent their village. The Lamjung District Development Committee that oversees entire development efforts in the district has prioritized creating open defecation free (ODF) villages and smoke free kitchens for all the families as top priorities. Nepal government agency, Alternative Energy Promotion Centre (AEPD) encourages biogas digesters with subsidies.

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

The co-operating organization, CHOICE Nepal a non-profit NGO, has an APEC approved program to train villagers in biogas construction and operation and provide maintenance manuals in conjunction with the villagers building the biogas plants and use.

Village leaders in conjunction with the Village Development Council will select the families most in need of biogas digesters. The families must attend mandatory sanitation training, own at least one water cow/buffalo, own land and provide sweat equity. Families that do not own a water cow/buffalo are eligible for a CHOICE-Nepal "Loan a Buffalo" program if that is the only missing criteria. CHOICE Nepal will submit recommended families to RCKTM Metro for their approval per MOU.

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?

1. Sanitation- households will have access to sanitation facilities (composting type latrines) and hand washing facilities with full use, operation and maintenance

2. Reduce disease and illness through improved sanitation: proper human and animal waste disposal

3. Clean water sources will be protected due to decreased open defecation, human and animal

How will you measure your impact?

No.	Measure	Measurement Method	Measurement Schedule	Target
1:	Number of people with access to improved sanitation facilities	Grant records and reports	Every six months	500-999
2:	Number of people with access to improved sources of drinking water	Grant records and reports	Every six months	500-999
3:	Number of individuals trained	Grant records and reports	Every six months	500-999

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

Kathmandu-Metro Rotary Club will be responsible for collecting information for monitoring and evaluation of this project. A "Bio Gas Project Sub Committee" member will regularly have meetings with CHOICE-Nepal on implementation of the project. CHOICE-Nepal will be requested to gather and provide data regarding the above stated goals during the project for the purposes of monitoring progress. Kathmandu-Metro Rotary Club will evaluate data and submit results to the online report. CHOICE Nepal agrees to share the results of any monitoring or evaluation that is done regarding this project as well as reports as stated in the MOU.

Participants**Primary Contacts**

Name	Club	Role	Sponsored by	Serving as
Monty Eggett	Centerville-Farmington	(Primary Contact)	Club	International
Pramod Kunwar	Kathmandu Metro	(Primary Contact)	Club	Host

Committee Members

#	Name	Club	Role
1	Jayan Nyachhyon	Kathmandu Metro	(Secondary Host Contact)
2	Santosh Gyawali	Kathmandu Metro	(Secondary Host Contact)
#	Name	Club	Role
1	Bruce Powell	Centerville-Farmington	(Secondary International Contact)
2	Bruce Holt	Centerville-Farmington	(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	CHOICE Humanitarian	CHOICEHumanitarian.org	7879 South 1530 West, Suite 200	West Jordan, Utah 84088	United States

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

The sponsoring Rotary Clubs and CHOICE worked together in 2005 on a very successful biogas digester grant for Nepal. CHOICE has a wide variety of technical skills providing skill-transfer that builds the local capacity to create/maintain projects on their own. CHOICE built 1023 of these digesters and trained 50 technicians to build and maintain these systems in the last several years.

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.

No volunteers.

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

As a result of the Rotary Foundation grant building 70 biogas digester plants then the Alternative Energy Promotion Center (AEPCC) provides a government subsidy of \$315 per plant. With that subsidy as leverage other partners of CHOICE will contribute the remainder needed for materials and an estimated additional 100 biogas digesters beyond the 70 biogas digesters built with Rotary funds can be built benefiting more families and the efforts to improve water and sanitation in rural Nepal.

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

Kathmandu Metro Rotary Club will create a "Bio Gas Project Sub Committee". The members will do quality, cost and supervision of the project regularly. Members will regularly have meetings with CHOICE-Nepal on implementation of the project. The committee members will visit half yearly. First visit will be site selection, approval of and interaction with the recipients of Bio Gas and latrine plants.

Host partner will open separate bank account for the Global Grant and will report to TRF as per Global Grant regulation. Funds will be handed over to the cooperating organization per MOU.

Media exposure is the responsibility of Kathmandu Metro Rotary Club. The Bio Gas Project Sub Committee will be responsible for collecting information for monitoring and evaluation of this project via on-site visits and will request of CHOICE Humanitarian Nepal to share the results of any monitoring or evaluation that is done regarding this project as well as reports as stated in the MOU. The Kathmandu-Metro Rotary club project committee will share reports with International Club during the life of the project and final reports.

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

Grant Title - Nepal Bio Gas Project

Status - Draft

District Number 5420 (Qualified)

Centerville-Farmington Rotary Club, Utah, United States, will write the grant and assemble the necessary funds. The Centerville-Farmington Rotary Club, Utah will communicate with Kathmandu Metro Club throughout the life of the project and distribute reports to the local Utah club and District office. While not a certainty, members of the International club are considering a visit to Nepal to view the project at completion.

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?

The local community contributes "in-kind" to the project with their land, locally available materials and labor. Villagers participate in trainings to learn how to build, operate and maintain biogas digesters. Villagers participate in training to learn benefits and best practices of safe water, sanitation and hygiene.

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?

1. CHOICE Nepal has agreed to be responsible for day-to-day management of laborers and materials for the construction of digesters to meet all subsidy qualifying AEPC standards.
 2. The Village Development Council will oversee the project and facilitate issues related to the selection of families.
- Support: CHOICE has built into the Nepal Biogas Digester project leadership training which includes mentoring of leaders and training in evaluation/monitoring practices. Leadership manual, hygiene manual and maintenance manual of biogas digester plants is provided.

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: NPR Exchange rate to 1 USD: 99

No.	Description	Supplier	Category	Local cost (NPR)	Cost in USD
1:	Biogas construction materials, pipes	local supplier	Supplies	1,299,040.00	\$13,122.00
2:	Biogas pipes and fittings	local supplier	Supplies	1,765,021.00	\$17,828.00
3:	Latrine Cost	local supplier	Supplies	450,410.00	\$4,550.00
4:	Training-hygiene, biogas digester maintenance training	CHOICE-Nepal	Training	396,000.00	\$4,000.00

Total budget:	3910471	39500
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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 plan is to use the expense and purchasing protocol based on the experience CHOICE has in building over 1000 biogas digester plants. Most if not all items purchased are local. Prices are competitive. Items purchased are aligned with the local culture and technology standard and meet AEPC standards.

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.

Families are trained in upkeep and maintenance of the biogas digesters and latrines. Families also contribute to a village fund for repairs they are unable to do themselves. These repair issues are given to specifically trained biogas digester technicians on a list for having completed advanced maintenance training and they are paid a small fee.

The CHOICE model emphasizes long term ownership from choosing the project to finished product and maintenance. Biogas digester plants completed in a similar Rotary project 10 years ago are still functioning well.

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 village and village families will own the assets.

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.

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

#	Funding Method	Organization	Amount (USD)
1	Cash from club	Kathmandu Metro	\$3,000.00
2	Cash from club	Centerville-Farmington	\$4,000.00
3	District Designated Fund (DDF)	5420	\$12,000.00
4	District Designated Fund (DDF)	3292	\$2,500.00
DDF contributions:		14500	
Cash contributions:		7000	
Other contributions:		0	

Endowed/Term gift contributions:	0
World Fund match maximum::	18000
World Fund match (requested):	18000
Total financing:	39500
Total budget:	39500

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?

Kathmandu-Metro Rotary in partnership with CHOICE Nepal is partnering with the Nepalese government for its available subsidy to fund each biogas digester plant.

A sustainability plan is part of all projects planned in the selected villages. In this case, village families are required to place funds in a repair fund that provides for repairs or new biogas digester plants. Five village women will be trained to become Biogas Maintenance technicians to travel and help maintain the plants or supervise the building of new ones. The biogas technicians will be paid for their services either by the individual family or from the funds the village leadership placed in the repair fund.

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

Global Grant Record - GG1526080**Grant Title - Nepal Bio Gas Project****Status - Draft****District Number 5420 (Qualified)**

Role	Name	Authorization Status	Authorization Date
Primary Contact	Monty Eggett		
Primary Contact	Pramod Kunwar		

DRFC Authorizations

Role	Name	Authorization Status	Authorization Date
District Rotary Foundation Chair (DRFC)	Basu Dev Golyan	Authorized	14/01/2015
District Rotary Foundation Chair (DRFC)	Thomas Powell	Authorized	20/10/2014

DDF Authorizations

Role	District	Name	Authorization Status	Authorization Date
District Governor (DG)	5420	Michael Wells		
District Rotary Foundation Chair (DRFC)	5420	Thomas Powell	Authorized	14/02/2015
District Governor (DG)	3292	Rabindra Piya	Authorized	19/01/2015
District Rotary Foundation Chair (DRFC)	3292	Basu Dev Golyan	Authorized	14/01/2015