

Project Application Form for EWB-USA Projects

This form is for NGO's, Communities, and chapters to submit new & existing projects to EWB-USA for review.

New & Existing Projects:

For an NGO or Community (with no chapter) Complete: All sections except section 6

For an EWB-USA chapter Complete: All Sections

Note: EWB-USA does not provide cash donations or grants to communities.

Project Process:

- 1) Applications are reviewed by the Technical Advisory Committee (TAC). The TAC is a group of professional engineers who volunteer to review projects for technical content and the mission statement.
- 2) The TAC will decide whether to make the proposed project an official EWB-USA project. This process will take from 4-8 weeks.
- 3) If the project does not already have a chapter, the project will be placed on the EWB-USA website for adoption by a chapter. Note: This process can take several months, and occasionally, some projects are not adopted by chapters.
- 4) Once a chapter has a project, they will contact the community to begin the exchange of technical and cultural information and plan an assessment trip.
- 5) The chapter will travel to the community for an assessment trip. (Prior to travel, the assessment plan (#806) must be approved by the TAC at least 4 weeks in advance of departure)
- 6) The chapter then designs the project and includes the community in the final design process and choice.
- 7) The chapter may return to the community for a second assessment trip to discuss design alternatives with the community. (Prior to travel, the assessment plan (#806) must be approved by the TAC)
- 8) The chapter will travel to the community to implement the design. (Prior to travel, the design must be approved by the TAC (#807))

What we are looking for in projects:

- 1) The project scope agrees with EWB-USA's mission
- 2) Project will benefit the community and won't discriminate against members of the community
- 3) There is community involvement and participation (helping with the installation, materials, food etc)
- 4) Well defined scope of work (example: This project is to increase the community's water supply.)
- 5) The project cost is reasonable for volunteers to fundraise.
- 6) Safety concerns:
 - a. EWB-USA will not approve projects from countries that have a state department warning and one or all of the following:
 - i. US Peace Corps has pulled out of the country for safety reasons
 - ii. UN Peace Keepers are in the country and there is any violence in the country
 - b. Prohibited Countries (will **not** approve projects in these countries): Afghanistan, Bosnia, Burundi, Burma (Myanmar), Central African Republic, Columbia, Cuba, Iraq, Iran, Ivory Coast, Israel, Gabon, Lebanon, Libya, North Korea, Pakistan, Palestine, Somalia, Syria, Uzbekistan, and any other country that fits the above safety concerns.
 - c. Caution Countries (may be declined for safety reasons): Algeria, Columbia, Haiti, Nepal, Nigeria, Sri Lanka, Sudan, Zimbabwe

Submission Information:

Check the EWB-USA website for submission deadlines

The Preferred method of submission is to email this form (must be less than 1MB) to: projects@ewb-usa.org

Forms may also be mailed to: EWB-USA Project Manager
1880 Industrial Circle, Suite B-3
Longmont, CO, 80501 USA

SECTION 1: Project Information

Today's Date: January 12, 2008

1) Please check one of the following boxes:

- New Project Submitted by NGO or community (no chapter has adopted the project yet)
 New Project Submitted by a chapter of EWB (chapter has adopted the project)

2) Country: Kenya

3) Region/State (Encompasses neighboring villages): Migori

4) Location in Country (e.g. South West Kenya, 30 miles from Tanzania):

- South Kenya, 5 km from Tanzania and 50 kilometers from Lake Victoria

5) Community: Lela Community Women Group

6) Project Title: Lela community water project

7) Has a chapter of EWB-USA agreed to accept this project? No

If Yes:

Name of Chapter(s): _____

Contact person: _____

E-mail or Phone: _____

Note: If a chapter has already agreed to accept this project, please CC the chapter's /faculty advisor via e-mail when submitting this application or submit a letter of approval from the advisor

8 Project Summary: provide a **short** overview summary of the scope of work of the proposed project.

- One paragraph. Approximately: 75 words

The project shall provide clean water for domestic use in the community. The scope shall involve feasibility study, design and implementation of a sustainable water supply system in the village.

9) Detailed Project Description: Provide a more detailed description of your project. What is the goal of the project? Why is this project necessary? Are there any proposed solutions for the project? See sample questions below:

- One-Three paragraphs: Approximately 500 words
 - *For Water Supply:*
 - *What are the possible sources of water? (e.g. type, location, distance from community); What is the elevation change?; How clean is the water?; Are there water rights issues that need to be considered?*
 - *There is a shallow well in the village. The water is not clean since it is scooped with buckets. The well was not properly developed. Elevation of community is about 2000m ASL. The area is almost flat land. Borehole drilling authorizations are required by the government before any well drilling.*
 - *Water Purification*
 - *What are the water quality associated diseases have been found in the community?; What quantitative and qualitative community health assessments have been done?; Has there been any testing of the water? What were the results?*
 - ♣ *Common waterborne diseases in the community are diarrhea, cholera, dysentery, and typhoid as well as malaria.*
 - *Energy project*
 - *What will the electricity power?; How much power is required?; What possible methods are available? (E.g. wind, solar, biomass surveys, etc).*
 - ♣ *Electricity is not available in the village*
 - *Construction:*
 - *What materials are available locally?; What are the typical local construction methods used in the area?*
 - ♣ *Stones, bricks, sand, timber*

10) What alternative designs or solutions have been considered? Why were they rejected? Are you willing to except and work with alternatives to the design you have in mind?

There is no design yet

11) How many people will be affected by this project in a certain geographic region (please provide an estimated NUMBER of people and *not something like “a lot” or “20 families”*)?

- a) Directly Affected: 400
- b) Indirectly Affected: 100
- c) Geographic Area (5km radius, town, region etc): 2 kilometer radius

12) Background: What is the cause and history of the problem? If any efforts were made, please describe the outcome. (*This is to be posted on the EWB-USA website*)

- One to Three Paragraphs: Approximately 200 Words

Efforts made by the community;

1. *digging of two shallow wells to a depth of 20 feet. Some water available in the well but dry up in dry season. The wells have very low yields approximately 1000 liters per day.*
2. *efforts to drill a borehole failed due to lack of funds*
3. *A water dam was constructed by the community to provide water for cattle.*
4. *There is a nearby borehole and reservoir at Bondo village about 3 kilometer from the village. It is too far for the women and children to collect water from there*
5. *Efforts to purchase water pipes to connect to the system did not materialize.*

13) Check the specific services or needs addressed for this project. Check all that apply.

yes ___ **Water Supply**

___ Water Treatment

___ Sanitation

___ Energy

___yes___ Construction

___ Micro-Enterprise

___ Health and Safety

___ Agriculture

___ Alternative Fuels

___ Information Systems

___ Socio-Cultural

___ Environmental

___ Ecosystem

___ Education

___ Other: Describe: _____

SECTION 2: Project Impacts

1) What potential impacts, both negative and positive, are anticipated or could possibly occur as a consequence of this project? Please consider health, economic, environmental, social, cultural, and ecosystem impacts. For any possible negative aspects, how can these negative impacts be diminished? Could any segment of society be marginalized excluded or lose their current societal function because of this project? Please explain

POSITIVE:

- One-Two paragraphs: Approximately 100 words

The water project shall improve the health and well being of the community. Hours wasted by women in search of water shall be used for economic activities. The water shall also be used for watering tree seedlings in order to improve the environment. Each person shall be given one tree seeding to plant every week. This means in a year 10,000 trees will be planted in the village. This shall improve nature and ground cover to prevent soil and wind erosion and provide wood fuel for cooking. Rainfall will improve in the area and some extinct wildlife species will have sanctuary in the artificial forest. Fauna and flora shall grow in the forest.

NEGATIVE:

- One-Two paragraphs: Approximately 100 words

Not applicable

2) In what ways do you envision EWB's involvement in this project? What specific skills can EWB-USA offer that are not available locally? How will this project lead to the long term sustainability of the community?

- One-Two paragraphs: Approximately 100 words

EWB –USA shall offer the following services:

- *Conduct needs assessment and feasibility studies*
- *Carry out environmental impact assessment*
- *Design appropriate water supply system*
- *Mobilize funding for purchase of materials*
- *Implement the designed project*
- *Define a sustainable operations and project management system*
- *Define a sustainability system*
- *Define operations and maintenance policy and standards*
- *Train users on O&M*
- *Conduct water quality tests*

3) Who is expected to own this proposed project? Will a committee need to be established? Who will manage and maintain the project? Who will cover the cost of maintenance?

- One paragraph: Approximately 150 words

The project shall be owned by the community. A committee has been formed to manage the project. The members will cover the maintenance and operation costs through monthly contributions.

4) What education will be needed for this project to be successful? Who will educate and who will need to be educated? Will verbal or written translation be needed for this education? Who will do the translating?

- One-Two paragraphs: Approximately 75 words

Education that is vital for success of this project:

- *Water rights and ownership*
- *Health and safety*
- *Conflict resolution and democracy*
- *Operation and maintenance*
- *Accounts and book keeping*
- *Fiscal transparency and accountability*

5) Will the proposed project be freely accessible to all persons in the local area, or will it be restricted for use by certain groups? Will a fee structure be involved? Who will decide on the amount of the fees and who will collect the fees?

- One-Two paragraphs: Approximately 100 words

The water system shall be used by the members of the community who have subscribed to work as a community. It will serve the community of interest.

SECTION 3: Beneficiary Group(s) Information

1) Name of the Beneficiary Group: Lela community group

2) Describe the beneficiary group(s) in terms of ethnicity, tribal and religious affiliations, spatial organization, primary occupations and current income of all the sub-groups (if more than one). Are social relationships harmonious in the area where the beneficiary groups reside?

- One paragraphs: Approximately 75 words

The group comprises of about 400 members who speak Dholuo language. The members are predominantly catholic and protestant. The majority are peasant farmers. They grow maize, tobacco, beans, and vegetables in the small farms measuring about an acre each. They also keep some cattle and poultry for subsistence. The average income per person is less than a dollar a month. The group lives harmoniously without any known conflicts. Both men and women are members of the group.

3) How are decisions made within the beneficiary group(s) – i.e., village elders, tribal councils, democratically-elected village representatives, etc? How do women participate in decision-making?

- One-Two paragraphs: Approximately 75 words

Decisions are made after discussions in open meetings where all members contribute. The committee that is democratically elected makes executive decisions with approval of all members. Eighty percent of the committee officials are women.

4) Describe the relationship between the local project facilitator/Non-Governmental Organization (NGO) and the beneficiary group(s).

- One- Two paragraphs: Approximately 50 words

The local EWB facilitator is Eng. Jerry Ochieng who was approached by the community for assistance. Jerry has had three meetings with the community members in order to better understand their problems. Jerry has helped with the formation and registration of the group with the government authority. Jerry is a friend of everybody in the community.

5) Are people from the USA and aid from the USA welcome in the proposed project area? Yes No

6) Have people from the USA worked in the area before? If so who and in what capacity?

- One- Two paragraphs: Approximately 50 words

Yes, they have worked at Nyamilu community water project about twenty kilometers away

Section 4: Roles of Partners & Funding

*EWB-USA's goal is to **partner** with developing communities to improve their quality of life by providing technical assistance for the design and development of projects. We expect community contribution to EWB-USA projects because it has been found that this leads to greater project success. EWB-USA is **not** a funding agency.*

1) What support both financial and/or non-monetary will be offered by the local community (housing, materials, continued education, etc...)? Will local labor and workmanship be offered free as part of the contribution from the beneficiary group(s)? Has a specific agreement been reached as to what EWB-USA and the community will each provide?

- One-Two paragraphs: Approximately 100 words

During a meeting with the community, the members have agreed to contribute the following:

- *Conduct own fund raising to supplement EWB-USA funding*
- *Provide accommodation and food to EWB-USA students*
- *Provide free manual labor*
- *Collect some local materials like stones, bricks etc*
- *Provide security to EWB-USA team*
- *Provide translation services to EWB-USA*

2) What support and funding will be offered by other local agencies and organizations, including governmental and non-governmental organization (NGO) (if any) facilitating the project? *(Note: In some cases, EWB-USA can only provide limited financial assistance for project construction)*

- One-Two paragraphs: Approximately 75 words

EWB-Kenya shall provide:

- *Logistical support*
- *Liason with government and contractors*
- *Project management*
- *Advisory and mentoring services to EWB-USA students*

3) Part of EWB-USA's mission is to provide, if possible, opportunities for students to interact with local University students. Are any local universities interested in collaborating in this project?

- One paragraph: Approximately 50 words

Yes, Kenyatta University

4) Project Budget: If an estimated project budget has been developed, please include the figures below *(Note: Costs may be listed in greater detail if desired)*

- Estimated Labor Costs: \$ 5,000
- Estimated Materials Cost: \$10,000
- Estimated Equipment Cost: \$ 20,000
- Estimated Total Project Cost: \$ 35,000

Section 5: Travel Logistics

1) When is the best time for a visit to the area considering weather, transportation access, holidays, as well as availability of the beneficiary group(s) and NGOs facilitating this project?

- One paragraphs: Approximately 50words

Lela village can be accessed throughout the year via a gravel all weather road. The members are available in the village throughout the year.

2) What local accommodations are available for the EWB-USA team? What are estimated per day living costs for the visiting team? Will the team stay with the local community members?

- One paragraph: Approximately 50 words

Accommodation is available at a guest house near the village at an approximate cost of US\$ 20.00 per day BB.

A cottage is also available at US\$ 10.00 per day per person.

3) What hazards may exist to persons from EWB-USA traveling to this project location (health issues, transportation difficulties, weather, insects, diseases, snakes, etc.)

- One-Two paragraphs: Approximately 100 words

Possible hazards: Mosquito bites, bacterial infection from drinking dirty water or eating food that is not fresh, snake and insect bites. Avoid driving in public buses due to accidents. Avoid bars due to fights. Beware of HIV Aids and local prostitutes. Avoid marijuana and local beer that is readily available in the village. Use of drugs is an offence in Kenya and anyone found using the same will be imprisoned for 5 years.

4) Where is the nearest hospital or clinic approved by the **US State Department or Peace Corps**? What kind of health care providers regularly staff this facility? How far from the project site? Provide an address and phone number(s).

- One-Two paragraphs: Approximately 100 words

Nearest hospital is at migori town about twenty kilometers from the village. A small clinic is available at Bondo trading center about 3 kilometer from the village.

Section 6: Chapter Application

If this application is being submitted by a chapter, then please fill out this section (i.e. a chapter has contacted and wants to participate in this project):

Chapter Name: _____

10) Who will be your health point person (see document #406)? How do you plan to conduct your community health assessment on your assessment trip and on later trips? Do you have health professionals or students in the health professions (public health, nursing, medicine) on your travel team?

- One-Two paragraphs: Approximately 100words

SECTION 7: Contact Information

Section 8: Signature & Pictures

1) Please add any other information you think is relevant to this project.

- One-Two paragraphs: Approximately 200 words Maximum

The project is very important since the community is suffering during one half of the year when the shallow wells and springs dry up. The women and children end up drinking dirty waters and cooking with the same. This results in sickness and deaths from diarrhea, cholera, typhoid and a lot of money being spent on hospitalization and medicines by the poor community members.

2) Please add pictures that may be helpful to understand the project.

- **Please add pictures as JPEG files**
- **WE WILL NOT ACCEPT PROJECT APPLICATIONS FILES THAT ARE OVER 2MB.**
 - (To add a picture as a jpeg, go to Edit → Paste Special, and choose “Picture (jpeg)”).

3) Please Sign and date this form:

Signature

Date

Printed Name

E-mail Address

4) Please submit this form electronically to the project manager at projects@ewb-usa.org:

Note: Applications are only reviewed at specified times of the year. Please see the EWB-USA website for submission deadlines.