New Program/1st Project Application Form for EWB-USA

EWB-USA requires at least a 5-year Program commitment to the communities in which our chapters work. Within each Program there may be one or more projects. This application is for new Programs and the first project within that Program (chapters submitting new projects within an existing Program, please submit a 501B – Continuing Program Application).

- If the submitter is an NGO or community (without a chapter affiliation), please complete sections A and B only.
- If the submitter is a chapter of EWB-USA, please complete all sections.

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

Application review process:

1) Applications are submitted on the first of each month to the Application Review Committee (ARC), who reviews the application and makes the final decision. Note: The review process will take 4-8 weeks, during which time the submitter may be contacted with questions.

2) If this application is approved and has not been adopted by a chapter, it will be placed on the EWB-USA website for adoption. Note: The adoption process can take several months, and some projects are not adopted by chapters.

3) Once the program is approved and a chapter has been approved to adopt it, the chapter should contact the community or NGO and begin to plan the first assessment trip.

Once the application is approved and has been adopted by a chapter:

1) The chapter travels to the community for an assessment trip (Prior to travel, the pre-assessment report must be approved by a EWB Project Manager – See the EWB-USA website for submission deadlines).

2) Upon return, the chapter submits a post-assessment report.

3) The chapter designs the project, incorporating community input in the design process.

4) 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 must be approved by an EWB Project Manager).

5) The chapter travels to the community to implement the design (Prior to travel, the pre-implementation report must be submitted. The Technical Advisory Committee (TAC) must approve the design prior to departure).

6) The chapter submits a 501B - Continuing Program Application, prior to beginning the next project within the Program.

What we are looking for in EWB-USA Programs:

1) The Program’s mission is well defined and in-line with EWB-USA’s mission.

2) The Program and each project within the Program can realistically be developed by a group of volunteers.

3) Each project cost is reasonable for the chapter to fundraise.

4) The Program will benefit the entire community and will not discriminate against members of the community.
5) There is community involvement and participation in all phases of the program.
6) The community is willing and able to contribute to each project within the program in the form of: labor, materials, food, lodging, funds, etc.
7) There is an existing or potential in-country partner organization, such as a Non-Governmental Organization (NGO), community organization, and/or local committee.

**Travel safety concerns:**
- EWB-USA will not approve new programs or allow travel to any country or areas within a country rated at “Extreme Risk” by the ISOS Country Risk Guide.

As of December 2009, this includes: **Afghanistan, Iraq, and Somalia.**

- EWB-USA will not approve new programs or allow travel to any country rated at “High Risk” by the ISOS Country Risk Guide.

As of December 2009, this includes: **Algeria, Chad, Congo (DRC), Guinea, Guinea-Bissau, Haiti, Ivory Coast, Liberia, Pakistan, Papua New Guinea, Sudan, Yemen, and Zimbabwe.**

- Travel to areas within a country rated at “High Risk” by the ISOS Country Risk Guide and/or have a U.S. Department of State “Travel Alert” issued through OSAC will only be considered if the chapter can, at a minimum, demonstrate to the satisfaction of EWB-USA:
  1. That the chapter will not be spending time in high risk regions;
  2. How the chapter will adhere to International SOS Travel Security Advice;
  3. The precautions that will be taken by the chapter to mitigate risk; and
  4. How safe travel to, from, and within specified location(s) will be provided for chapter members.

- Travel to countries or areas within a country which have a U.S. Department of State “Travel Warning” issued, through OSAC, will be considered on a case by case basis and, at a minimum, must demonstrate the same criteria as stated above to the satisfaction of EWB-USA.

- EWB-USA will not allow travel to a country if UN Peace Keepers are in-country due to a threat of violence.

- EWB-USA will not allow travel to a country if major airlines have pulled their travel operations due to security reasons.

- EWB-USA will not allow travel to any country which has no diplomatic or consular ties with the United States. As of December, 2009, this includes: **Iran, Cuba, and North Korea.**

- EWB-USA will not allow travel by a student chapter if its University/College provides an objection to their traveling. In accordance with the Student Chapter Agreements, all student chapters are also obligated to adhere to and satisfy the requirements of their university.

- Travel restrictions will be considered on a case by case basis to countries where the U.S. Peace Corps has pulled out or has been suspended due to security reasons.

**Submission information:**
Please email this form in MS Word format (it must be less than 1MB) to: projects@ewb-usa.org
**SECTION A: PROGRAM**

*EWB-USA is committed to a long term relationship with communities. The purpose of Section A is to outline all of the important needs of the community so that chapters can achieve a broad understanding of the community. Within a program, there may be one or many projects.*

**A.1) Program Information**

**Today’s Date:** 3/09/2010

1) Please check one of the following boxes:

- [ ] New Program Submitted by NGO or community (no chapter has adopted the program)
- [X] New Program Submitted by a chapter of EWB-USA (chapter has adopted the program)

2) **Country:** Peru, South America

3) **Region/State:** Del Carmen District, Chincha, Ica

4) **Location in Country:** 4Km from Del Carmen City, Chincha

5) **Community:** Vina Vieja

6) **Community Geographic Coordinates:** *Google Earth may be used to determine coordinates. Care should be taken to get the relative direction for the latitude (E/W) and longitude (N/S). Please use N, W, S, or E as a prefix to indicate the relative direction from the equator or Prime Meridian. For example:* S 44.0354, W 98.3342.

7) **Coordinates for the first project of this Program:** S -13.4833, W -76.0333

8) Has a chapter of EWB-USA agreed to accept this program?  Yes X

   If Yes:
   - Name of Chapter(s): EWB-UTSA, University of Texas San Antonio Student Chapter
   - Contact person: Karl Eisenacher
   - E-mail or Phone: karleisenacher@gmail.com, ewb.utsa@gmail.com

9) **Active EWB-USA Programs:** Does your chapter currently have any active EWB-USA programs (circle)?

   - [ ] Yes  X No
   - If Yes, list all Programs (Country, community, type)?

   *(Note: In general, EWB-USA limits the number of programs for each chapter to three or less for quality and funding reasons. Please contact your Chapter Relations Manager with any questions).*

*Note: If a chapter has already agreed to accept this program, please CC the chapter’s faculty advisor/President via e-mail when submitting this application.*
A.2) Contact Information

Partnering Organization, Contact Information & Mission

Name of organization (required): Texas Partners of the Americas (TPOA)

Mission of the requesting organization: Texas Partners of the Americas, which is a non-profit organization headquartered in Washington, D.C. has been in existence more than 40 years and has supported educational and cultural exchanges throughout Latin America. Partners of the Americas consists of chapters delineated by state with each having a counterpart chapter in Central or South America forming thus “partnerships”. All chapters, including the Texas chapter partnered with Peru, are made up entirely of volunteers participating in programs to increase mutual understanding and cooperation among our cultures. Our mission is to improve the lives of people throughout Latin America, the United States and the Caribbean. In the case of Peru, TPOA have been actively involved in an earthquake relief project since August of 2007, when a massive earthquake destroyed the coastal region of southern Peru, to raise funds to rebuild the elementary school in the village of Vine Vieja in the District of El Carmen, in the region of Chincha.

Website of organization (If applicable): www.partners.net  www.txpartners.org

Name of primary contact person (required): Iliana Queirolo Diaz

Position/Affiliation with organization (required): President

Contact email: [REDACTED]
Contact phone: [REDACTED]
Contact address: P.O. Box 643 Helotes, Texas 78023

NOTE: Either a contact e-mail or phone number is required

Name of on-site/in-country primary project facilitator (required): Harry Wing

Affiliation (required): Peru Partners

Contact email: [REDACTED]
Contact phone: [REDACTED]
Contact address: Lima, Peru
A.3) Program Description

1) Program Goals and Strategy: The Program is the overall mission of your efforts in the community. There may be several projects within a single Program (One-Three paragraphs: Approximately 300 words).
   - Provide background on the community and the primary needs of the community.
   - What is the mission of the Program?
   - Why is this Program necessary, and how will it improve the conditions of the community?
   - How is this Program aligned with sustainable development efforts (as defined by the Brundtland Commission: "Development that meets the needs of the present without compromising the ability of future generations to meet their own needs")?

The community of Vina Vieja was almost completely destroyed by two consecutive earthquakes in 2007. Since then, the people of Vina Vieja have been living in tents with no clean water or any other facilities. Through this program, EWB-UTSA along with TPOA will provide a clean source of water, rebuild homes, train the community on building techniques, and help to build roadways and bridges. This program will help bring essential life sustaining qualities in the community by reconstructing approximately 110 houses in Vina Vieja and the investigation of the community’s water resources, drinking water, and local transportation issues. It is not an urbanized town and the community lacks external help due to the remote conditions. They are considered as a “Caserio” and they are not entitled for municipal help. The people are still living in deteriorated tents; the roadways are unpaved and logs are used for bridges. This city is also affected by the climate changes. The local community will also receive training to allow them to maintain the facilities.

A.4) Community and NGO Support and Collaboration for the Program

EWB-USA is not a funding agency. EWB-USA partners with developing communities to improve quality of life by providing technical assistance for the design and development of sustainable engineering projects. We expect community contribution to EWB-USA programs, as this has been found to improve Program success. Likewise, we require partnership with a local non-governmental organization to ensure the sustainability of the Program.

1) Program Collaboration: Describe the local partnering organization(s) for this Program. In what capacity will they be involved? Will these organization(s) be providing financial support to the program?
   - One-Two paragraphs: Approximately 100 words

Since two years after the earthquakes occurred in 2007, Texas Partners of the Americas has been continuously helping the community of Viña Vieja, located 4 km off Trail Road, of the District del Carmen, Chinchaco and approx 4 hours from the South of Lima, Peru. Texas Peru Partners Relief Funds aims to continue with the development, aid to the community with their cultural environment, welfare, education, health, housing, and other needs that arise, especially to begin the reconstruction of their homes and the opening of the existing medical clinic.
2) **Presence of Other Organizations:** What other organizations are currently working in the community? How do your projects compliment/detract from each other?

- One paragraph: Approximately 100 words

**TPOA will be organizing facilities for the members of EWB-UTSA to stay in Lima and Chincha as well as provide meals at low cost and also assist with logistics and translators. A local university, The University of Lima, will assist with the EWB-UTSA students with logistics and possibly personnel. TPOA will also have a group of volunteers from The University Health Science Center at San Antonio, Texas (UTHSC-SA) that will assist us with a group of students’ nurses to reopen the local medical clinic, and maintain a health readiness plan for EWB-UTSA. This will be sponsored by**

3) **EWB-USA Chapter Collaboration:** Will other EWB-USA Chapters be involved with this program? In what capacity will they be involved?

- One paragraph: Approximately 75 words

**There is currently not another EWB Chapter involved with this program.**

4) **Local University Collaboration:** Are any local universities interested in collaborating with this project? If so, in what capacity will they be involved?

- One paragraph: Approximately 50 words

**The University of Lima, Engineering Department (local university) will volunteer for this project as well. Julio Padilla Jpadilla@correo.ulima..edu.pe Dean Systems Engineering School Director Engineering College and ex-alumni UT Austin.**
SECTION B: 1ST PROJECT OF PROGRAM

Please outline the first proposed project of the Program in Section B. Projects should be focused and well defined.

B.1) Project Description

1) Project Title: Vina Vieja, Peru project

2) Project Summary: Provide a short overview of the scope of work of the proposed project.
   - One-Two paragraphs. Approximately 75 words

   This project will consist of providing the community with clean water, designing and building 110 homes, designing and constructing roadways and bridges, and training the community on construction and maintenance techniques to sustain the facilities.

3) Needs Addressed: Check the specific services or needs addressed by this project. Check all that apply.

   X Water Supply       X Agriculture
   X Water Treatment    ___ Alternative Fuels
   X Sanitation         ___ Information Systems
   ___ Energy           ___ Socio-Cultural
   X Construction       X Environmental
   ___ Micro-Enterprise ___ Ecosystem
   X Health and Safety  X Education

   ___ Other: Describe: ________________________________________________

4) Affected Population: How many people will be affected by this project in a certain geographic region (please provide an estimated NUMBER of people affected -- not a description)

   a) Directly Affected: 500
   b) Indirectly Affected: 500
   c) Geographic Area (5km radius, town, region etc): Vina Vieja
5) Project Goals: Elaborate on the goals of the first project. Why will you begin your Program with this project? Also, please answer the questions below ONLY if they relate to this project (One-Three paragraphs: Approximately 300 words).

- **If the project involves Water, please address the following questions:**
  - What are the issues in the community that relate to water?
  - Why are you addressing a water project in this community?
  - What is a possible solution to the community’s water problems?
  - Are there water rights issues that need to be considered? If so, what issues?

- **If the project involves Energy, please address the following questions:**
  - What will the electricity be used for?

- **If the project involves Building, please address the following questions:**
  - What exactly will be constructed?
  - How do you think that the construction project will be accomplished?
  - What materials do you know are available locally?

1. **WATER:** The lack of drinking water worsens the situation of health and hygiene, causing some projects to fail. Water issues need to be considered by possibly building a water well. They don’t have potable water, and most of the members of the community have handmade holes in the ground to keep water without any health considerations or safety issues. Currently, we believe a water well project should work, but more feasibility and studying will be conducted to determine the best way to supply the village with clean water. This project could be done with help of the community and volunteers. There should be no water rights issues for this project.

2. **BUILDING:** There is a need to reconstruct 100 to 110 houses in the community. The locals will help to gather construction materials that are still salvageable from their old homes, as well as provide labor. This project will need technicians and engineers to guide during design, construction, and operation. The materials they have locally are: cane, rocks, sand, straw, and Adobe bricks (Mud). Also, and indoor kitchen will be ideal to eliminate toxics fuels/ Fumes from the ground stoves which are aggravating the health and safety of the village, as well as their water source.

6) Solutions: What solutions have been tried in the past to address this problem? What were the results? What are the barriers to implementing a sustainable solution to this problem?

- One-Two paragraphs: Approximately 100 words

TPOA provided stoves with gas fuel tanks but were not appropriate to the area due to the difficult of transportation and cost of gas (the community could not afford the extra expense). They did not understand the electric appliances, therefore they don’t know how to care for them.
7) **EWB-USA Role:** Describe the proposed role of EWB-USA. Labor? Design? Construction oversight? What specific skills can EWB-USA offer that are not available locally? We require at least a 5-year commitment to the community. What is the proposed plan to develop relationships between EWB-USA team members and community members?
   - One-Two paragraphs: Approximately 100 words

   The EWB role will be crucial to join forces with the community efforts and TPOA. EWB- student chapter will help with feasibility studies (masonry construction, adobe construction or quincha mejorada), design, construction supervision and training. This will be an ongoing project for several years by scheduling different activities: construction of houses, construction of water well, irrigation, channeling of creek, road improvements, access to creek crossings, community kitchen and dining areas, clinic improvements, etc.

   The community is willing to assist in the construction and gathering of materials but they do not have the necessary technical skills to design structurally sound homes, or a functioning and hygienic water well. The knowledge from EWB volunteers will be an asset to provide the necessary training and construction supervision. The main interest in joining forces with EWB-UTSA is to assist professionally, train the community on how to build the houses, to physically help build several houses as an example, and to take on any other small projects needed by the community.

8) **Budget:** If an estimated project budget has been developed, please include the figures below:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor</td>
<td>To be provided by volunteers</td>
</tr>
<tr>
<td>Materials</td>
<td>$216,810</td>
</tr>
<tr>
<td>Equipment</td>
<td>$33,000</td>
</tr>
<tr>
<td>Total</td>
<td>$249,810</td>
</tr>
</tbody>
</table>
9) **Program Timeline:** How will the Program develop, beginning with the first project? You do not need to know all of the timeline or budgeting, but estimate as best as possible. It will help the chapter in planning the overall Program.

<table>
<thead>
<tr>
<th>Project Sequence</th>
<th>Title</th>
<th>*Type(s)</th>
<th>Estimated Cost</th>
<th>Estimated # Assessments</th>
<th>Estimated # Implementations</th>
<th>Estimated Length of Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project #1</td>
<td>Reconstruction of 110 houses</td>
<td>3 rooms</td>
<td></td>
<td>Two</td>
<td>Two</td>
<td>Depends on funds (2 years)</td>
</tr>
<tr>
<td>Project #2</td>
<td>Water well</td>
<td></td>
<td></td>
<td>two</td>
<td>two</td>
<td>1 year</td>
</tr>
<tr>
<td><strong>(If applicable)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project #3</td>
<td>Kitchen and dining</td>
<td>Same material as the houses</td>
<td></td>
<td>one</td>
<td>one</td>
<td>6 months</td>
</tr>
<tr>
<td><strong>(If applicable)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Project #4</td>
<td>roads</td>
<td>Dirt roads</td>
<td></td>
<td>one</td>
<td>two</td>
<td>2 years</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>N/A</td>
<td>N/A</td>
<td></td>
<td>6</td>
<td>6</td>
<td>5.5 years</td>
</tr>
</tbody>
</table>

*Agriculture (AG), Alternative Fuels (AF), Construction (CN), Energy (EN), Environmental (EV), Ecosystem (EC), Education (ED), Information Systems (IS), Health and Safety (HS), Micro-Enterprise (ME), Sanitation (SA), Socio-Cultural (SC), Water Supply (WS), Water Treatment (WT)*

10) Estimated number of years to complete Program and ensure Program sustainability: 6

**B.2) Project Impacts**

1) **Positive Impacts:** What potential positive impacts are anticipated as a result of this project? Please consider health, economic, environmental, social and cultural effects.
   - One-Two paragraphs: Approximately 100 words

Quality of life, improvement of medical conditions, implementation of a self-sufficient income, and improvement of their agriculture technology will give the community a better sense of self-esteem, as well as serve as an example for nearby communities. Having potable water available will improve the health of the community. Learning how to use different construction materials and construction methods will increase the community’s technical skills and knowledge.
2) **Negative Impacts:** Every project has negative impacts as well as positive impacts. List negative impacts that you have considered to be potential consequences or outcomes of this project (Note: We require that you answer this question – it will reflect the level of analysis put into this project application).

- One-Two paragraphs: Approximately 100 words

Even though water well is a solution for potable water it could become a nuisance or an eyesore if proper maintenance is not provided and it is allowed to deteriorate. The use of “quincha mejorada” could not be effective if not embraced by the community and could result in half-finished houses, which has happened in the past in several communities in Peru.

3) **Reducing Negative Impacts:** How will these potentially negative impacts be addressed?

- One-Two paragraphs: Approximately 100 words

Training of the community will allow them to use the materials better and more extensively. The community will need the proper training on how to maintain and replace a water pump. They will need to learn to be self-sufficient and to buy any spare parts in the future. For a good use of “quincha mejorada” the community will need training on how to efficiently make and use these materials. The demonstration and oversight of construction by an engineering group like EWB-UTSA will reinforce the communities trust in the “quincha mejorada” techniques.
B.3) Beneficiary Group(s) Information for Project

1) **Primary beneficiary of project:** The entire community of Vina Vieja

2) **Beneficiary Information:** Describe the beneficiary group(s) in terms of ethnicity, tribal and religious affiliations, spatial organization, primary occupations and relative incomes of groups (if more than one). Are social relationships harmonious in the area where the beneficiary groups reside? What language does the beneficiary group speak?
   - One-Two paragraphs: Approximately 100 words

   110 families in Vina Vieja will be the primary beneficiaries. It is ruled by elderly persons in their community: Mr. Ciro Ortiz and their representative members. Languages: Spanish and Quechua. The beneficiary groups are mostly indigenous, afro-Peruvians, most of them are Catholics and devoted to their Virgin del Carmen, They are not affiliated with the government and Texas Partners of the Americas has gained their trust during the last two years.

3) **Project Ownership:** Who is expected to own this proposed project? Will a committee be established? Who will manage and be responsible for the maintenance and repairs of the project? Who will cover the cost of maintenance and repairs?
   - One-Two paragraphs: Approximately 150 words

   The community has their own system of cooperative work. They are well organized and will be responsible for the cost to maintaining their homes. TPOA will be providing supervision as needed.

4) **Project Accessibility:** 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

   Yes, the project will be freely accessible, by joining efforts with TPOA, the community will be very accessible and open for the EWB-UTSA students. There should not be a fee involved, although the residents might need to gather local materials to build their homes. Each family will help to build their homes, including elderly, young and women.

5) **Community Support & EWB-USA’s Role:** What will the roles be of EWB-USA and of community members? What support will be offered by the community (labor, housing, materials, continued education, etc.)? Will the community provide any monetary contribution for the initial project costs?
   - One-Two paragraphs: Approximately 100 words

   The community will assist in any possible way to receive outside help. Labor, housing materials and other items will be provided by the locals. EWB-UTSA will be involved in feasibility studies, design, construction, demonstrations, and training.
B.4) Travel Logistics for Project

1) **When to Travel**: When is the best time to work in the area, considering weather, transportation access, holidays, as well as the availability of the beneficiary group(s) and NGO’s facilitating the project?
   - One paragraph: Approximately 50 words
   
   Summer will be perfect for the EWB-UTSA group June through August. TPOA and UTHSC-SA will also be working in the community during this time.

2) **Accommodations & Daily Costs**: What local accommodations are available for EWB-USA team? What are estimated per day living costs for team members? Will the team stay with local community members?
   - One paragraph: Approximately 50 words
   
   1. The community school will accommodate their home-stay. It has 3 bathrooms and one shower. Approximately $10 a day for food will be required.
   2. The nearest hotel is about 4 Km distance and the cost is approx $20 a day including the food per person.
   3. There are more hotels approx. 10 Km from the village and the cost per room is $50 (double occupancy).

3) **Safety Hazards**: What are some hazards that may be faced by EWB-USA members traveling to this project location (health issues, transportation difficulties, weather, insects, diseases, snakes, violence, crime, land mines, etc.)?
   - One-Two paragraphs: Approximately 100 words
   
   Health issues: volunteers need to be aware about unclean drinking water as well as food not prepared by the community (this will be supervised by TPOA) during the volunteer work. The diseases in the location are yellow fever, hepatitis-a, and malaria.

4) **Nearest Hospital or Clinic Location**: 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 is this facility? Provide an address and phone number for the hospital or clinic.
   - One-Two paragraphs: Approximately 100 words
   
   4Km distance: medical clinic. Works until 5 p.m. Dr. Hernandez
   24 hours medical services through Chincha private doctors on call. Dr. Roger J. Sanchez Colquepisco. M.D Nextel: 51* 428*3702, cellular: 956802928
   4 hours distance will be the American Embassy and Lima hospitals.

5) Are people from the USA and aid from the USA welcome in the proposed project area? Yes

6) Have people from the USA worked in the area before? If so, who, and in what capacity?
   - One-Two paragraphs: Approximately 50 words
TPOA has been helping in the community for two years, led by Mrs. Illiana Diaz. They have gained the trust of the community and have assured EWB-UTSA that the community will be accessible and cooperative with our efforts. TPOA has rebuilt a school, an indoor dining hall, and is collaborating with the UT Health Science Center to reopen the clinic.
SECTION C: CHAPTER INFORMATION

If a specific EWB-USA chapter wants to work on this Program/project, then that chapter must fill in this section. Otherwise, the application will be posted on the EWB-USA website for adoption by a chapter.

C.1) Chapter Information

1) Chapter Name: The University of Texas at San Antonio

2) Eligibility Criteria:
   a) Your chapter must have a chapter agreement. Does your chapter have one?  Yes

   b) Does your chapter currently have an active Program/project (circle)? No
      • If Yes, please fill in the table below:

<table>
<thead>
<tr>
<th>Country</th>
<th>Region</th>
<th>Type of Project</th>
<th>Year Started</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Note: The Application Review Committee will take into consideration the number of active Programs/projects when approving a new Program/project for your chapter.)

3) Team Contact Information:

   a) For Professional Chapters: Please fill in the fields below. All projects must have at least one Technical Lead who will lead the technical aspects of the project and travel with the team on both assessment and implementation trips.

   b) For Student Chapters: Please fill in the fields below. All projects must have at least one Professional Mentor who will lead the technical aspects of the project and travel with the students on both assessment and implementation trips. (Note: The mentor(s) should read document #405-Mentor Qualifications)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Darren Cooper</td>
<td></td>
</tr>
<tr>
<td>Project Lead</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Lead</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Lead #2</td>
<td>Manuel Diaz</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail Address</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Heather Shipley</td>
<td></td>
</tr>
<tr>
<td>Faculty Advisor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professional Mentor**</td>
<td>Manuel Diaz</td>
<td></td>
</tr>
<tr>
<td>Project Lead</td>
<td>Karl Eisenacher</td>
<td></td>
</tr>
</tbody>
</table>

**Note: Mentors are responsible for the technical accuracy of the project. They can be professionals or faculty. This application must be accompanied by the Professional Mentor’s resume.
C.2) Chapter Qualifications

1) **Team Overview:** How many people will be working on this project?

<table>
<thead>
<tr>
<th>Number of Students</th>
<th>Number of Professionals</th>
<th>Are all participants members of EWB-USA (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>2</td>
<td>Yes</td>
</tr>
</tbody>
</table>

2) **Technical Lead/Professional Mentor:** Who will be the Technical Lead (for professional chapters)/Professional Mentor (for student chapters) on this project? What experiences/education makes the technical lead(s) qualified for this project? **Please submit the resume(s) of the Technical Lead(s)/Professional Mentor(s) with this application.**

- One-Two paragraphs: Approximately 200 words

The primary lead mentor will be Dr. Manuel Diaz, who is an associate professor at the University and teaches classes such as reinforced concrete design, foundation design, introduction to timber and masonry, and senior design. He is a native of Peru, who is fluent in Spanish, and is familiar with building practices in Latin American countries. Both his bachelors and masters of civil engineering were completed in Lima, Peru and he is familiar with engineering terminology in the Spanish language. He has done work for the state of Texas, and the District of Columbia as a bridge inspector, and holds P.E. licenses in Texas, Maryland, and the District of Columbia. For a more detailed description of his structural experiences please see the attached resume.

3) **Chapter Preparation:** How prepared is your chapter to implement this project (e.g. training, organization, committees, roles, fundraising)?

- One-Two paragraphs: Approximately 100 words

Our plan is to make a pre-assessment visit by the end of the summer with two or three students and our lead mentor. During this visit we will meet leaders of the community and members of TPOA who have been working with the Vina Vieja community. We will compile all data requested by forms 505, 521, and also identify possible future projects within this community. In the months prior to the visit we are forming committees to address specific portions of the project so that after the initial visit we can complete the required tasks to take another trip in the Fall to begin implementation. We have set up a fundraising committee specifically to raise money for this project and will be meeting on a bi-weekly basis over the spring and summer to reach our fundraising goals prior to the pre-assessment trip. Our group has participated in the construction of homes for Habitat for Humanity in San Antonio and has experience in construction work, cooperation, and operation; our group will continue volunteering as a form of training for the project. The EWB-UTSA chapter has experienced leaders who have worked on fundraising and developing other EWB projects as well as experienced members who have led teams in the design and construction of steel bridges and other structures in Civil Engineering competitions for the American Society of Civil Engineering.
4) **Cultural Training**: How will you ensure that your project planning includes the participation of the community? How will your team members prepare for any intercultural experiences that will come about through the course of this project?

- One-Two paragraphs: Approximately 100 words

The community is very much involved and they have strongly felt they should help themselves to ensure their own dignity. They have fully participated and completed several projects already with TPOA and have ensured their commitment.

Our University is in close proximity to the Mexican border and our chapter has multicultural students who are familiar with Latin American customs and understand the importance of cultural differences. Our chapter will have meetings directed towards familiarizing our members with the Peruvian culture, the language, and culture in South America. Our mentor and his family are also native to Peru and will directly assist us with the cultural differences and preparations. We will also seek aid from our Universities Anthropology Department in preparing ourselves with Peruvian culture.

5) **Health and Safety Officer (2 required)**: The project Health and Safety Officer is responsible for planning and implementing the health and safety practices on the project. Two Health and Safety Officers must travel on each trip. Who will be your Health and Safety Officers and what are their qualifications?

- One-Two paragraphs: Approximately 75 words

TPOA will provide a group of student nurses. The closest point to a clinic is 4Km distance from Vina Vieja. Then Chincha, a larger city, has public and private services active 24 hours. Lima is about 4 hours by car. Dr. Lyda Averalo will act as a Health and Safety Officer and have student nurses from the UTHSCSA in the area to open up the local clinic. The second Health and Safety Officer will be Tandy Mellard RN, MSN, CPNP and is a registered EWB member and will be participating in the Vina Vieja project.

6) **Language and Translation**: What languages are spoken in and around the project area? How do you propose to work effectively given language differences between the project team and community? Will you hire a local translator or will someone on your team be able to translate? Is anyone on your project team from the project area?

- One-Two paragraphs: Approximately 75 words

Spanish is the language mainly spoken in the area. EWB-UTSA will work directly with TPOA whose group has translators and members who speak Spanish and will assist with translation. Our mentor is from Peru and is fluent in both Spanish and English and will be the main interpreter for technical terms. Our members involved in the project will also familiarize themselves with the language and technical terms.
7) **Education Lead**: EWB-USA requires that community members are trained in unfamiliar implemented technologies. Who will be responsible for developing the education materials and for leading the education for the community? What are his or her qualifications for this role?

- One-Two paragraphs: Approximately 75 words

Dr. Manuel Diaz and TPOA will be responsible for developing the educational materials. As Peru natives, they will be able to communicate effectively as well as provide the pertinent educational information. As mentioned before, Dr. Manuel Diaz is a professor at the University of Texas at San Antonio with years of experience in the design and maintenance of structures.

8) **Community Health Assessment Lead**: EWB-USA requires that each project includes a community health assessment. Do you have health professionals or students studying health (e.g. public health, nursing, medicine) on your project team that can help with this type of assessment and support your project? If not, how do you propose to carry out this health assessment?

- One-Two paragraphs: Approximately 75 words

Yes, we will have both professionals and students in the community to help assess the health conditions of the project. The students are from the UT Health Science Center, as well as the two Health Point and Safety Officers.
C.3) Project Sustainability

In an effort to ensure that the proposed project is maintained and continues to serve the community long after the EWB-USA Program is complete, issues of sustainability must be addressed by the chapter.

1) Capacity Training: What training of local community members will be required in order to maintain and/or repair the project? What specific educational training will be offered? Will verbal or written translation be needed for this education? Who will be translating? If written materials are proposed, in what language will they be offered? Do you have information on the community’s literacy level? Would pictorial materials be more appropriate?

Both verbal and written translation will be needed and TPOA will provide translators. Also there is an institution name predes “Centro de Estudios y Prevencion de Desastres” will be great to get their advise. [www.predes.org.pe](http://www.predes.org.pe)

The community will need training for the construction and maintenance.

2) Project Maintenance and Repairs: What is the estimated cost of project maintenance? Can the community realistically be expected to cover these costs? What components could potentially malfunction and require repair? What will these repairs cost? Are the repair materials readily available locally?

More feasibility will need to be conducted, but based off the procedures proposed, the community should be able to cover any type of repair and maintenance once they have been trained properly. The materials should be readily available to the community locally.

3) Project Resolution: How will the community be participating in project planning? What measures will be taken to ensure that the project remains operational? How will local project facilitators manage the project?

The community relies on its elderly and a community for project planning and they will also help to manage the project and ensure that it remains operational. Again, they will need training and educational support to be able to complete these duties.
SECTION D: SIGNATURE & PICTURES

1) Additional Information: Please add any other information you think is relevant to this Program/project.
   • One-Two paragraphs: Approximately 200 words maximum

Due to the relationship between Mrs. Diaz and the students of UTSA, this project has come to our attention in EWB. Mrs. Diaz is involved at the college and attends student meetings at times with her husband, Dr. Diaz. They have been active in Peru and have helped the community some in the past already.

2) Please add pictures that may be helpful to understand the project.
   • Please add pictures as JPEG files
   • WE WILL NOT ACCEPT PROJECT APPLICATION FILES THAT ARE OVER 2MB.
     o (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                      3/08/2010
   Karl Eisenacher
   Karl Eisenacher
   ________________________________________________________________________________
   Printed Name                     E-mail Address

4) Please submit this form electronically to projects@ewb-usa.org:
Unpaved Road

2. Health Clinic

3. Outdoor Cooking

4. Pre-fabricated Community Dinning sponsored by TPOA

Indoor Dining / Sponsored by TPOA
Elementary School Sponsored by TPOA

7. Bathrooms donated by TPOA

Shower (sponsored by TPOA)

9. Visit: USA Ambassador/ March 2009
10. “Parcelas” Mr. Ciro Ortiz. Community Delegates and UTHSCSA Professor

11. A house without roof. People are staying in the black plastic on the left.
12. Water Well

13. Team Work: Gathering Water from stream

14. Use of water to reduce dust

15. Adobe House

17. Husk homes built were their homes use to be.

18. Adobe bricks left over from their homes. Black plastic cover new home.

18. Food storage
19. Only side walls were left

20. Bridges to enter their homes

21. Husk homes built close to hills
22. Family Home without windows

Same House/ back side: severe damage: structures and roof.

Same house, beds inside the tent.
23. Our Goal: To build house using “Quincha Mejora” Techniques