ROTARY FOUNDATION
GLOBAL GRANT PROPOSAL

Proposal - Project Title : Computer Literacy

Section A – Host and International Sponsor Information

Host Sponsor : Gualaceo	International Sponsor : La Mesa
Primary Contact : Castro R., Angel [2388319] District : 4400 Club : Gualaceo	Primary Contact : Fistere, John C. [5672945] District : 5340 Club : La Mesa

Section B - Community Needs

(1) Describe the benefiting community including its location using any relevant geographic and demographic information.If the activity is a scholarship, enter "N/A"

Gualeceo and Chordeleg are in Azuay province at an elevation of 2449 meters, and Carchi province is at an elevation of over 3000 meters.

There are 10 schools in the Azuay province, and two schools in Carchi province. Population in Azuay province is 38,000, Carchi province is 30,000.

Both provinces are largely impoverished, with many indigenous children living in poverty. Twelve schools are involved comprising a Student population of 3,155: Carchi 600, Azuay 2,555. Age range of children, 10 to 14 years old, from 4th to 8th grade. The twelve schools (students):

AZUAY PROVINCE: Emilio Moscoso (90), Federico Gonzales Suarez (500), Sor Maria Alvarado (500), Remigio Astudillo (100), Manuel Davila Chica (70), 26 de Junio (75), Federico Guerrero (200), Brazil (650), Gulag Centro (120), Tomas Ordoñez (250). CARCHI PROVINCE: Policarpo Sanavarrieta (300), Luis Alfonso Calvachi (300).

All of the schools have electricity, and Internet access is available.

(2) What community needs have been identified? If the activity is a scholarship, enter "N/A"

There are only a few Computer Cafes available, and most students cannot afford to use them.

The students need computer access, and therefore the schools require computers, printers, and computer classrooms.

The students need a curriculum that integrates computer knowledge with other academic areas. "Technology across the curriculum" is the concept to be applied.

(3) How are these needs currently being addressed with local resources and/or government agencies, NGOS, etc? Summarize the proposed activity(ies).If the activity is a scholarship, enter "N/A"

There is currently no government assistance, local or external. The schools have no budget for computer equipment.

Section C - Activity Description

(1) Summarize the proposed activity(ies)

This project will provide 100 computers, 12 printers to be installed in computer rooms in the 12 schools.

The primary beneficiaries are the 3,155 students. In addition, interested family and community members will have access access at no charge to the computer lab at specified times. Training will be provided by school personnel.

The benefits to the community is that students, family members, and community members will be able to communicate better with the acquisition of the latest technology and will also enhance employment opportunities both for the students and community members.

Students in Gualaceo and Carchi provinces, whose Family members are working abroad, will be able to make contact with their parents, thus alleviating some personal concerns.

Gualeceo and Tulcan Rotary members will oversee the installation, training, initial operation, and school support of the new computer labs. At an appropriate time there will be a well-publicized transfer of the equipment to the schools.

(2) List any Cooperating Organization(s) or University(ies) involved in the proposed activity(ies).

No cooperating organization support is required. It is expected that various church and municipal organizations, university volunteer students, will be involved in a supportive role.

(3) Describe how the benefiting community(ies) will be involved in the activity(ies).If the activity is a scholarship, enter "N/A"

The students and interested family and community members will be developing computer skills. Community members will volunteer to help support the schools as needed. For example, assisting in computer lab supervision and student support.

(4) Has the benefiting community(ies) confirmed that they would like this activity(ies) to take place?

Yes

(5) Proposed Start Date : 01 Sep 2010

(6) Proposed Completion Date : 31 Mar 2011

Section D – Area of Focus

(1) With which areas of focus is the proposed activity aligned?

Peace and Conflict prevention/resolution - No
Disease Prevention and Treatment - No
Water and Sanitation - No
Maternal and child health - No
Basic education and literacy - Yes
Economic and community development - No

(2) Describe how the activity(ies) will address the goal(s) of the Area of Focus

The program will integrate course work with educational software, Internet access, and computer skills. The curricula has not been developed because the software has not yet been provided.

The software provided includes:

Atomix   puzzle game for building molecules out of isolated atoms
Dia   Diagram editor

GCompris Educational games for small children
Gobby   collaborative text editor
Gnu Paint a small, easy to use paint program for GNOME
Inkscape vector-based drawing program
iTalc   Intelligent Teaching and Learning with Computers
kalgebra algebraic graphing calculator for KDE Version 4
MathML   markup language.
Kalzium periodic table and chemistry tools for KDE 4
Kanagram Jumble word puzzle for KDE 4
Kbruch   fraction learning aid
Khangman Hangman word puzzle
Kig   interactive geometry tool for KDE 4
kmplot   mathematical function plotter for KDE 4
kpercentage percentage calculation learning aid for KDE 4
kstars   desktop planetarium for KDE 4
ktouch   touch typing tutor for KDE 4
kturtle Logo educational programming environment for KDE 4
ktuberling stamp drawing toy for KDE 4
kwordquiz flashcard learning program for KDE 4
kino   Non-linear editor for Digital Video data
liferea feed aggregator for GNOME
marble   Marble globe and map widget
parley   vocabulary trainer for KDE 4
qcad   A professional Computer Aided Drafting System
screem   A GNOME website development environment
scribus Open Source Desktop Page Layout
step   interactive physics simulator
tomboy   desktop note taking program using Wiki style links
tuxmath math game for kids with Tux
tuxpaint A paint program for young children
tuxtype Educational Typing Tutor Game Starring Tux
Xaos real-time interactive fractal zoomer

More info is available at
http://edubuntu.org/UsingEdubuntu
and
http://www.kde.org/

Section E – Project Outcomes

(1) What are the immediate and long term outcomes of the activity?

Students, along with parents and community members, will become knowledgeable in computer operation and have access to academic and other information over the Internet. Communication between separated family members living abroad will be enhanced.

In the long-term, students, as they progress, will have the skills needed to succeed in high school and post-secondary education institutions. This will be beneficial to the economic development of these communities.

(2) Explain how all involved parties will act to ensure the sustainability of the activities and/or outcomes.

The schools will sign a pledge certifying the continuation of the project in the long-term. It is traditional that these communities provide their time and financial support to activities of this type as necessary. School personnel with technical skills will continue to be employed to sustain the technology efforts. Equipment upkeep and security as well as training and maintenance manuals will be readily available to key school staff.

All the maintenance, repair, upgrades, and replacement will be at the expense of the administration of the schools.

Section F – Budget

(1) Currency / Exchange Rate

Name of Local Currency : USD

Current Exchange Rate : 1.0000

Date Exchange Rate Entered : 04 May 2010

(2) Budget Details

Budget Item	Supplier/Vendor	Amount in Local Currency	Amount in USD
100 Computers	Bitron	39496.7600	39497.0000
12 Multifunction Printers	Canon	748.7700	749.0000
VAT @ 12%	N/A	4829.4700	4829.0000

Budgeted Total in Local Currency : 45075.0000

Budgeted Total in USD : 45075.0000

Section G – Financing

(1) DDF Amount in USD : 10200.0000

(2) Rotarian Cash Amount in USD : 16450.0000

(3) Additional outside funding in USD :
Maximum Rotary Foundation : 18425.0000

(4) Requested Rotary Foundation (TRF) Match in USD : 18425.0000
Computed Total Financing in USD (Cash+DDF+Match) : 45075.0000