

Light up Jalalabad

(Social Internet Access Training and Micro Business Development)

Global Development Alliance

Report to: ASMED/DAI/USAID

Submitted by: La Jolla Golden Triangle Rotary Club Foundation

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Time Period Covered: April 1- 30, 2010

Below is a brief summary of activities in April, 2010.

Foundation representatives Fary Moini and Steve Brown were in Afghanistan from March 17 through April 6. Much of the April activities relative to Light Up Jalalabad revolved around their visit to Afghanistan.

Internet Connectivity for Nangarhar University

Brown and Moini continued to communicate with NEDA representatives regarding their work in installing fiber for the internet at the Nangarhar University main campus. As of the date of this report, that work is complete connecting sixteen buildings at the NU main campus to the fiber network. The dish being provided by VIZADA is scheduled to be installed by the end of May.

Brown and Moini also received and accepted (with NATO's approval) a proposal from NEDA to bring the internet from the main campus to four satellite campus facilities in Jalalabad's city center. These include the College of Education, Teaching Hospital, Computer Science Department, and Medical School. These facilities are presently being serviced through a three party arrangement involving NATO, VIZADA and Afghan Telecom. However that arrangement expires June 30, 2010. Funding for this additional networking will be provided through the Networking Infrastructure Grant (NIG) Moini has been awarded by NATO.

With the assistance of San Diego State University, Brown and Moini prepared a proposal to fund an IT Department at NU. This was done in consultation with Mr. Sukumar who was SHEP's representative working at the Afghan Ministry of Higher Education and reporting to World Bank. Presently, this proposal is being reviewed by the NU Chancellor. We hope he approves the same and forwards it on the SHEP representatives who in turn recommend it to World Bank.

Additionally, a proposal has been received from NEDA to have the fiber installed at the Bibi Mariam Girl's High School. The proposed cost is \$11,810. We have asked permission to use NATO's NIG funds to pay for this. If permission is not forthcoming we will use LUJ funds to pay for this. NATAO has agreed to provide the connectivity at no charge through April 2013.

Six high schools continue to receive internet connection under Light up Jalalabad.

During April Brown and Moini again visited the following high schools in Jalalabad that are using computer labs receiving internet connection provided under LUJ.

- Rotary High School
- Bibi Aishia
- Bibi Zainaib
- Abdul Wakail
- Mia Omar
- Wazeer Muhammad Gull Khan High School
- School utilizing the NU College of Education Training Center

Each school had completed small grants projects inspired by LUJ and funded by the San Diego~Jalalabad Sister Cities Foundation. Special presentations were made at each of the schools involving their projects. Projects included environmental cleanup, landscaping at the school, desk repairs, and workshops including a workshop put on by high school girls about Violence Against Women.



Violence against women

- **What is violence against women?**
- **Why is it happening with women?**
- **Who are the victims of these violence?**
- **What are the reasons of violence?**
- **How do people feel after performing violence against women?**
- **How to solve these problems?**
- **Is there any way to solve it?**
- **What are the kinds of violence?**

International Orphan Care facility



Four new computers have been installed and are connected to the internet. The IOC student's will now be able to participate in the Global Connection and Exchange Program.

Adding two more Schools: Agricultural School and Technical School

Equipment has been purchased to set up computer labs at an Agriculture School and a Technical School. The labs will be fully operational by mid-May. The schools operate in the morning and we had been advised have constant electricity. However, we have since learned it will be necessary to purchase generators and fuel to have the labs functional for all the desired times.

Brown and Moini met with Mr. George Roemer USAID Field Program Officer embedded with the Jalalabad PRT. He works with the U.S. Dept. of Agriculture and has offered his assistance in lining up students in U.S. schools involved in Future Farmers of America (FFA) and 4-H programs to communicate with the Afghan students in the Agriculture School. Brown is also working on similar contacts in Washington State where he is a part time resident.

Establishing a multi-media center at the Nangarhar University Teaching Hospital



A multi-media center has been established by LUJ at the Nangarhar University Teaching Hospital. Through arrangements made by Brown and Moini, this facility is connected to the internet by the signal NATO is providing.

Scholarships for Online Medical English Education

Presently twelve students are enrolled in the University of California-San Diego's online curriculum for teaching English to the Medical Profession funded by LUJ. Ten of these students are NU medical students, one is a mid-wife instructor at the Nangarhar Public Hospital and one is a doctor (Dr. Jan Agha) at a medical clinic to be described later. It is necessary to improve the English ability of the students and faculty to improve the quality of medical education.

Adding multi-media to six classrooms at Nangarhar University Medical School

A German organization had installed six projectors in classrooms at the NU Medical School. However no device has been supplied to provide content to the projectors. Accordingly, LUJ has provided six desk computers and desks to work with the projectors. Additionally, the internet that serves the computer lab at the medical school has been extended to provide internet to the six classrooms. With these enhancements multi-media presentations can take place in the classrooms including web based content.



LUJ has also set up a web site for the Medical School using the facilities of a NING site. This can be found at: www.nuMedicalfaculty.ning.com This web site is in its



beginning stages and will need someone with experience to maintain the site. It will include the links to the medial data bases for ease of reference. It will also provide a platform whereby medial students and professors in Afghanistan can communicate with medical students, professors and practicing doctors in the U.S. and elsewhere. (See professor on NING site pictured on the left.)

Presently fifty nine persons are registered on the site. It should be noted that the NING organization is going through some substantial changes which may affect the cost and usefulness of the site.

Enrollment data for the medical school computer lab for the month of April, 2010 is below.

Summary Table of the Medical School Computer Lab Participants Date: 1st – 30

April-2010

Program	Male Participants	Female Participants	Professors	Remarks
<i>Medically Online-learning web pages users</i>	120	25	40	<i>Participants using Medically online learning web page links which is given by the trainer of the Medical School lab</i>
<i>ICT Training participants</i>	40	15	20	Male (ICT) class students will soon take their graduation ceremony
<i>Total</i>	160	40	60	<i>The head counts have taken from students Daily register book</i>
<i>Grand Total</i>	Totally 260 Participants			

Telemedicine continues to be explored

Arrangements have been made for the internet connection to be brought to Dr. Jan Agha's clinic. This installation will be completed by mid May. The facility has an ultra sound and a CAT scan machine. We are now determining what additional interphase equipment is necessary so that remote diagnosis can be made for imaging. Medweb has offered to donate its server to facilitate the telemedicine.

As previously reported, Brown and Moini met with Dr. Ihsan Ullah (Kamawal) a Jalalabad dermatologist. Specifications are being evaluated for the appropriate digital camera to be purchased for Dr. Kamawal. He will use the computer lab now up and running at the Teaching Hospital to send digital pictures of skin

lesions to Dr. Emmett who is a Dermatologist in San Diego who has agreed to donate his services and arrange for circulation of digital pictures to the dermatology community in the U.S.

Nangarhar Public Hospital

Plans are still underway to bring the internet to the mid-wifery and nursing teaching labs at the hospital. It was first necessary to have Afghan telecom increase its band width before adding these additional computers. As reported below, that additional band width is now being provided.

College of Education Learning Center (CELC)



Three bids have been received for construction of this facility. We are awaiting final engineering drawings from a Nangarhar University engineering professor before construction can begin. The engineer has not met his time commitments to provide this information. We are exploring alternative ways to have these specifications prepared. On April 4 we held a formal groundbreaking ceremony. This was attended by the NU Chancellor, Dean of the College of Education, several dignitaries, professors, and the local media.

Internet Café

In April we requested that a market survey be undertaken to determine what is in place, what is charged, what services are presently provided and what makes their customers happy and what disappoints their customers. With this information in hand a business plan can then be developed which will need to take into account availability of linking to the LUJ internet, desirable location for maximum utilization, marketing plan, security, rent cost, available electricity, configuration of space for providing furniture and computers, optimum number of computers, staffing, hours of operations, pricing structure for customers, services provided (copy machine for small jobs, selling flash drives, some training session at additional cost. etc). The business plan should project the business to be self sustaining within a few months. We have received the results of the market survey and are now evaluating the next steps.

Additional Information

In response to a request from the US Department of State, Brown and Moini sent a proposal several months ago outlining the cost to set up and operate internet connected computer labs at all public high schools in Jalalabad not presently being served by the Foundation. To support this, Brown and Moini requested a proposal from Nashita and NEDA to provide internet

connection to these various high schools in Jalalabad to compare the costs presently being paid to Afghan Telecom for internet set up and connectivity. However, since we have not received any response from the U.S. DOS to the proposal submitted, further expansion plans for additional high schools are presently on hold.

Because of the additional facilities being added to the network, the Foundation has increased the bandwidth from the 512 kbps (dedicated) that was being delivered to 1 mbps (dedicated).

Two American volunteers (Rachael Robb and Jenn Gold) spent time in April attending most of the schools that have LUJ supported computer labs. They provided Power Point presentations for the students on Management Steps discussing topics such as How to be a good Leader. They also provided a separate Power Point Presentation for the computer lab instructors on Classroom Management. Both programs were very well received.