Madhur Shrestha, SeaGate Institute
Member of Rotary Club of Lalitpur
Club No. 50801 , District 3290 Nepal

JUNBESI COMMUNICATION CENTER (JCC)
October 2006 with update in June 2008
PROJECT DESCRIPTION

To Vinderup Rotary Klub
District 1440 Denmark

Junbesi Village is the natural centre of the area called Upper Solu in Solukhumbu District in the north-eastern mountainous part of Nepal. Various Rotary Clubs and other NGOøs are working in this area to uplift the educational and living standard among the population who mainly consist of the ethnic groups of Sherpa and Biswakarma.

Before there were a Communication Center in Junbesi with one telephone, but it were broken down by the Maoists in 1999 when they took control of the area. Now the political situation is going to be solved and the population has a very pressing need to re-establish this facility. Also the NGOøs working in the area is in high demand of the facility to have reliable and fast communication with their stakeholders in the area. For the moment the communication is an unreliable and lengthy process as months can pass between delivery and reply, unless a runner are sent for the area.

In 2006 a Tourist Information Center is built in Junbesi (Solu-Khumbu District, north-eastern mountainous region of Nepal) by the support of TRAPP (Tourism of Rural Area Promotion Project, an UNDP support GO) for the budgeted amount of 600.000 RS. The building is on top of Junbesi School and it looks very attractive from outside as well as inside. As the site is on top of Junbesi School there is agreed a rent of the site on 20% of the profit of the Information Center and Communication Center, which goes for the school.

There is a Construction Committee under the chairmanship of Mr Dendi Sherpa and with Ang Domi Lama, Chhongba Lama, Dawa Gyalzen Lama, Mingma Doma Lama, Lhakpa Tenzing Lama and Dadi Lama in the committee. There will be an income generation on the tourist center on selling souvenirs, maps, books, showing movies, entrance for museum and others.
It is expected that around 3.000 tourists are visiting the area every year in two peak seasons in spring and autumn.

The rooms of the centre start with a 14 m^2 entrance, which shall contain a toilet. It goes directly into a 47 m^2 southern turned room. An attached room 28 m^2 has an attached 13 m^2 veranda. By October 2006 the walls and roof were completed and interior were under labour. The building is expected completed within January 2007 including arrangements for Communication Center.

A Communication Tower is under construction in near Salleri (district headquarter) providing various services for the district offices in Salleri and Phaplu and the population in the district as well. The tower was originally conceived to be completed by December 2006 and it was expected that a 038-marsh-line would arrive in Junbesi by Spring 2007. But this process were delayed and finally completed in Spring 2008 with the establishing of a mobile network based on CDMA-technology.

Junbesi has its own hydropower electric generator which is now a little worn out, so it only produces 5 kW which isnøt always sufficient for the need of the community, so it is working quite unstable. But anyhow the Communication Center will be supported by a primary line. It is under

preparation to shift the generator with a new 8 kW. An initiative to put the sleeping organization Beni Electricity Company in activity is also ongoing, which will communicate all the small electricity plants in the valley into one common supply service. It still have funds in bank, from Bill and Belinda Gates Foundation, on 170.000 US$ although already 35.000 US$ is spend.

The users of the Communication Center will basically be the local inhabitants of Upper Solu. The previous telephone central had a monthly income on 15-20.000 Rs in low season and 35-40.000 Rs in high season. So around 300.000 Rs a year with one employed officer. Other users will be the tourists passing through the area, wanting to visit an Internet Café. An important use will be communication between local committee∅s and NGO´s working in the area. Not to forget local producers communication with markets.

In 2006 the JCC were under the leadership of Tashi Take Committee, which is working for developing the ward of Junbesi, and having an important issue of empowering the women. Among projects is collecting 30 Rs per each member per month for the purpose to give microloan for those poor people in the area who wants to do something.

Tashi Take Committee is a women∅s group formed by TRPAP. Chairman Mingma Doma Lama, Manager Lhakpa Tenzing Lama and 32 active members among the women of Junbesi.
This Tashi Take Committee was supposed to be managing the running of the Communication Center supported by Junbesi School.

It was decided in a meeting on 18. October 2006 with the Tashi Take Committee to take a small part of the main room of Information Center for establishing the Junbesi Communication Center with telephone and computers for the communication with the outside world.

Except for the 20% of the profit which goes as a house rent for Junbesi School, the rest of the profit was supposed to go for social purposes in the community.

By date it was decided to hand over the managing and ownership of JCC to JCC itself, under the leadership of JCC Managing Committee, consisting of xxxxxxxx

The Rules and Regulations of JCC shall be amended to this Project Description.

Vinderup Rotary Klub, Denmark wishes to support this project together with technical support from SeaGate Institute of Technology, Lalitpur, Nepal, in establishing of this Communication Center by providing the hardware for the centre.

Project Description:
It was decided in a meeting between Tashi Take Committee, rtn. Kurt Lomborg and rtn. Madhur Shrestha (Seagate) to set up the following regulations:

1) Conditions.
   a. SeaGate institute should be the primary technical supporter and provider.
   b. Anyone involved in this project shall have access to the yearly account report of the Tashi Take Committee activities.
2) Regulations.
   a. There shall be regulations on the data∅s taken down from the Internet.
      i. No games downloaded
      ii. No pornographic material downloaded
      iii. Chatting should be limited
   b. It should be limited how big files can be mailed of economic and technical reasons
      i. We propose 0,2 MB as the limited size
      ii. There shall be a signature in all the mails from Communication Center, mentioning this limitation.

3) Programmes:
    a. Windows XP
    b. Office 2007
    c. Acrobat Reader and Writer
    d. WinZip
    e. Photoshop CS
    f. Macromedia Freehand MX
    g. Macromedia Flash MX
    h. Pagemaker
    i. Educational Software
4) Hardware:
    a. One main computer
        i. Pentium IV ó Intel mainboard
        ii. 1-2 GB RAM
        iii. 160 GB HD
        iv. Floppy disk
        v. DVD drive and burner
        vi. Card reader
        vii. USB Ports
        viii. Monitor
        ix. Keyboard
        x. Optical mouse
    b. Two workstations
        i. Pentium IV ó Intel board
        ii. 512 MB RAM
        iii. 120 GB HD
        iv. Monitor
        v. Keyboard
        vi. Optical mouse
    c. Printer
    d. Scanner
    e. Network Card and cables
    f. Four batteries or UPS
5) The budget for this project will be as below mentioned.
    a. for Programs   9.000 NRS
        i. A copy of the installed software will be left in Junbesi
    b. for Main Computer   40.000 NRS
    c. for two Workstations   60.000 NRS
    d. for scanner and printer   15.000 NRS
    e. for Network hardware   5.000 NRS
    f. for Switch   4500 NRS
    g. for batteries or UPS   20.000 NRS
    h. for transportation with flight KTM to Phaplu Airstrip   12.000 NRS
    i. for cargo charge   7000 NRS
    j. Multimedia Projector rent for 3 days   3000 NRS
        IN TOTAL for hardware and software   **175.500 NRS**
    k. for set-up in Kathmandu ó set-up in Junbesi ó basic training for concerned personnel
       at the Communication Center (5-10 persons) ó including salary but excluding
       fooding and lodging in Junbesi which will be by committee.
                                                                           24.000 NRS

    l. Whatever remain from the budget will be spent for training on location for local
       villagers in the use of Internet and E-mail

        TOTAL PROJECT BUDGET   **199.500 NRS**
        With currency rate 13,30 NRS/DKR   **15.000 DKR**

6) All other expenses will be by JCC Managing Committee
   a. Any special training except for the in 5.k) mentioned
   b. Any transportation costs by JCCØs own staff
   c. SeaGate provides all repair and software changingØs by time rate
   d. This can be done by remote access from KTM for 500-1000 Rs for simple repair
   e. Supplementary training in use of computer and mailing for local inhabitants in Upper Solu.
7) Before SeaGate proceeds in this project, JCC Managing Committee has to complete the following things by their own account.
   a. Electricity to be installed by primary line with plugs and switches
   b. CDMA connectivity shall be installed with all necessary equipment.
   c. One table for the two workstations and two chairs
   d. One table and chair for Communication Manager and Assistants
   e. Identifying a Communication Manager
   f. Identifying at least two Communication Assistants
   g. The assigned persons shall take special training in Kathmandu, provided by Seagate before the process can proceed.
8) Schedule
   a. When above issues are completed
   b. When all rules and regulations are cleared
   c. Then SeaGate will proceed in preparing the hardware
   d. Simultaneously Vinderup Rotary Klub will transfer the agreed funds for SeaGate.
   e. When SeaGate has completed their work they will call Communication Manager for Kathmandu to give the last instructions
   f. The Communication Manager will follow the hardware and all equipment from Kathmandu with flight for Phaplu and with porters for Junbesi.
   g. SeaGate will send two technicians to complete the set-up and give technical training for specified persons among villagers.
      i. Training will be carried out in a laptop with a Multimedia Projector.
   h. The committee will arrange a special inauguration ceremony.
   i. SeaGate Technicians will also visit Mount Everest school, will inspect the conditions of computers and if necessary arrange a training program for the computer teacher and others. There will not be any extra charge to it.
9) Popular training
   a. SeaGate will provide training for those villagers, who wants to know about the facilities in the delivered computers.
      i. There will be two sets of training.
         1. Specialized: for communication officers and computer literate
            a. Email & Internet
            b. MS Word
         2. General: for everyone.
            a. Email & Internet
            b. MS Word
            c. Photoshop
            d. Pg Maker
            e. Educational Software
   b. Only the initial training while set-up will be included in the subsidies from Rotary. All training which comes later will be by JCC Managing Committee.
10) Future upgrade and repair shall be on Communication CenterØs own account.

In the hope of future communication by Internet between Rotary and the inhabitants of Upper Solu.

HIPRON RUNNER SERVICE MONITORING REPORT

After the visit in Junbesi by HIPRON Runner Service in the beginning of April 2008 a report were given on the current situation at the communication center where CDMA-telephone connection recently had been established.

This report shall be an attachment of this Project Description.

The project will be managed in Junbesi by:

Tashi Take Committee   **JCC: ADD NEW RESPONSIBLE HERE:**
Chairwoman Mingma Doma Lama
Manager Lhakpa Tenzing Lama
Junbesi, Beni ward 4, Solu-Khumbu

Junbesi Higher Secondary School
Headmaster Bed Bahadur Shrestha
Junbesi, Beni ward 4, Solu-Khumbu

The Project will be implemented by:

SeaGate Computer Institute
Mr. Yogesh Shrestha
Koupondole, Lalitpur
Email: seagate92@wlink.com.np
Fax: 00977-1- 4220161 / Tel.: 1- 5537231 / Mobile: 00977-9841 211123
Account info:
SeaGate Computer Ins
A/C No. 019280A
Himalaya Bank Ltd
New Road, Kathmandu, Nepal
Telex No.: 2789 HIBA NP
Swift Code: HIMANPKA

The Project will be monitored and reported by:

Himalayan Project, Nepal (HIPRON)
Manager Namgyal Jangbu Sherpa
P.O.Box: 15142 KPC 953, Kathmandu Nepal
Email: hipron@wlink.com.np
Tel.: 00977-1-444 60 14

The Project will be supported by:

Himalayan Project
Chairman Kurt Lomborg
Kjeldbjergvej 34
DK-7800 Skive
Email: klomborg@post11.tele.dk
Tel.: 0045-97 54 53 08
Fax: 0045-97 54 53 55

The project will be managed in Denmark by:

Vinderup Rotary Klub
President Richard Lauridsen
Vindelevgaard
7830 Vinderup
Tel.: 0045 97 44 36 26
Email: rclr@adslhome.dk

On the date of: _____

This **Project Description of October 2006 with update in June 2008** and with attached **Runner Service Report of April 2008** has been gone through by the responsible board of Junbesi Communication Center.

A) If it can be approved without changes it can be signed here by:

_____   _____
Signature of Chairman of JCC   - Name with block capitals

_____
Headmaster Bed Bahadur Bashnet ó Junbesi School

_____   _____
Signature of other responsible person   - Name with block capitals

_____   _____
Signature of other responsible person   - Name with block capitals

B) If there are minor suggestions to changes in the Project Description by Junbesi Communication Center, it can be written below here on the same page. If the is only suggestions and smaller amendments of less importance the Project Description still can be signed.

C) If there is major changes or many issues which canøt be approved, it shall be described and explained and sent back to Himalayan Project for further decision, and in this case the Project Description shall not be signed. (signature means **approval** of the content of Project Description and Runner Service Report)