



Rotary Club of Kathmandu

District 3290, Nepal



Project Description

Date: 5. September 2007

Submitted for Køge Nord Rotary Klub, Club No. 10266, District 1480, Denmark

Project: Repair and upgrading of Jana Chetana Preprimary School

Location: Solung, Beni ward 7, SoluKhumbu District, Nepal

Preface:

The Preprimary School in Solung Village was built in 1997 by a group of Japanese tourists who passed by. One teachers salary and educational materials are paid by Ministry of Education, supplied with exercise books and some other materials by Himalayan Trust, which organisation also pay the salary of the other teacher.

The school is working very well although the headmaster recently have resigned and his job is taken over by one of the teachers. The teachers are capable and sincere. The students are energetic and attentive. All in all there is a very good, friendly, respectful and happy atmosphere.

But after a number of years in action the school is in need of some repair, and some deficiencies are showing up.

But as the school has no income sources itself and no funds are supplied, the school is dependent on the good will of charitable organizations, and that is why the school is now approaching Køge Nord Rotary Klub through Rotary Club of Kathmandu.





There are 2 teachers:

Acting Headmaster Puni Maya Tamang (30 years old, education SLC, teacher at school for 2 years)

Teacher Sonam Gyalzen Sherpa

A Pre-primary School runs classes from 1 to 3 only. The distance to nearest Primary School (1-5 class) is 1 hour for Ringmo and 1½ hour for Junbesi. This is only possible for students around the age of 9-10 which age they reach after class 3.

In 2005 there were 21 students:

	girls	boys
Class 1	4	10
Class 2	0	2
Class 3	3	2

Project Details:

The complete list of work, which the school needs to meet the needs of teachers and students, is:

A) Extension of the Playground:

A1) The Playground is very narrow giving very less space for the outlet of energy of the students. The school is situated on a slope which is relatively steep, so the only way to extend the playground is to cut away the soil of the adjacent terrace, 3-4 meters high and 6-8 meter wide, and throw it below the playground. In this way the playground will be extended into the above slope and by moving the outer wall and limit of the existing playground.

A2) There will also be need of a very massive and well build supporting wall on inner side as well as outer side of the playground.

A3) Below the playground the slope goes steep down. A ball falling this way will run hundreds of meter downhill. The students have solved this problem by having 3 very fast small boys being

ready downhill to catch the ball. Therefore a series of ten pieces of four meter high iron poles shall be cast in concrete along the wall of the playground and a nylon rope net shall be fixed to them.

A4) The school will have to buy some land from the neighbors. The land where soil is dug away, and the land, where the soil is deposited as well. The land belongs to Mr. Nuri Sherpa, Kakarvitta and according to latest informations, he wishes to donate the necessary land to the school. This should be registered by end of July, which isn't confirmed by now.

B) Construction of a new building for Office, Science Laboratory and Village Meeting Room:

The only existing building contains 2 class rooms and a small Office. A Preprimary School shall have one classroom for each of the 3 class levels to gain approval from the Educational Authorities and to have public support for running a Nursery Class. A new building shall be constructed containing a small Office and a small room for science education and adjacent to those a store room. But also a bigger room which can serve as Village and School Meeting Hall and workshop for sewing school uniforms and other activities among the grown-ups. And therefore also a small kitchen adjacent. There shall be skylight plates in the roof for sufficient light. The present office in the old building will be changed into a normal classroom, so the school can present one classroom for each class.

C) Interior equipment for the new building:

The whole new building shall be boarded with wooden ceiling under roof as well as on walls. The Office shall be equipped with cupboards and shelves for storing of educational materials and furniture for teachers. The science room shall be equipped for science education and science equipment, with shelves, glass cabinets, cupboards and heavy tables for scientific experiments. The Meeting Hall shall be quite big and equipped with cupboards, two big tables, 20 chairs and some benches along the wall. Also a cupboard for fabrics, yarn and equipment for sewing and knitting school uniforms, and for the sewing machine provided by Himalayan Project in autumn 2006.



D) Toilet:

The toilet is very simple and has started breaking, will most probably fall down some day. There is a danger that this can happen when it is in use. It needs to be replaced by a new toilet of a proper quality. It is recommended that the toilet is constructed like the new standard of Himalayan Project, with 2 pits, 2 toilet rooms, a urinal and a shower room, where there later on will be installed solar water heater. The same construction which is now under development at Loding and Sagar-Bakanje School.

E) School Tree Nursery:

As students are in school all day, they will not join their parents in the fields and forest, and will therefore not learn about agriculture. Therefore several schools in Upper Solu have established School Tree Nursery where the students can learn about this part of biology and the students can learn to have daily tasks and duties. The more impressive the nursery looks, the more easy it is to engage students and teachers. Therefore special trees and bushes shall be imported from Kathmandu, as well as useful species like tea and berries.

F) Administration, Monitoring and Reporting:

There will be expenses for administration, distribution of construction funds and also for a survey team visiting the project site to monitor and later to report the project. Himalayan Project, Nepal (HIPRON) has a Regular Runner Service visiting Solung every 3 months, which will provide the cheapest and a sufficiently professional work. There will be charged 15% of the total project budget for those expenses.

Project Budget:

For the moment a budget is available only as a qualified lump sum budget ó the detailed budget will be submitted when this Project Proposal is changed into a Project Description during the spring of 2007.

A) Extension of the Playground:

A1): Cutting, Digging and Moving 6.000 feet ³ of soil transporting it 15 meters and throwing it down at a price of 4 NRS per foot ³ =	24.000 NRS
A2): Cutting 10 piles of stone and transporting it up to 2 km for 1.200 NRS/pile =	12.000 NRS
A3): 10 poles of angular iron 5 meter long á 600 NRS =	6.000 NRS
8 sacks of cement á 1.600 NRS incl transportation =	12.800 NRS
Nylon Rope Net 3 x 100 meter incl transportation =	8.000 NRS
A4): Purchase of land: ½ ropani in total =	5.000 NRS
TOTAL =	183.000 NRS

B) Construction of a new building for Office, Science Laboratory and Village Hall:

Lump Sum construction rate of a building 6 x 12 meter divided into 5 rooms, including foundation, doors, windows, roof with tin plates and skylight and floor with stone slates = **250.000 NRS**

C) Interior equipment for the new building:

8.500 feet² of wall with wooden ceiling on all walls and top roof:

Wood: 8.500 feet ² x 13 NRS/foot ² =	110.000 NRS
Work : 8.500 feet ² x 10 NRS/foot ² =	85.000 NRS

Furniture:

Shelves, Cupboards and Cabinets in Teacher-, Store-, Lab-room	15.000 NRS
Teachers 3 Tables and 3 Chairs	10.000 NRS
Science Lab: 1 Table, 1 Chair and 2 Benches	5.000 NRS
Meeting Hall: 2 Tables, 20 Chairs and 2 Benches	25.000 NRS
Kitchen: 1 Stove, 1 Table and 1 Bench	5.000 NRS

Science Equipment:

15.000 NRS

TOTAL

270.000 NRS

D) Toilet ó 2 rooms with 2 pits, 1 urinal and bathroom

The new sanitary complex will be set up on the same scene as the old one which will be taken down. The construction will be of the same design and high quality as the sanitary complex build simultaneously at Loding and Sagar-Bakanje School. A more detailed design and description will be delivered during winter.

- 1) It will consist of a room for urinal for boys with a collection tank on 3-500 liter with a tap for use as fertilizer in the schools gardens and by villagers.
- 2) There shall be a bathroom with a small dressing room with the roof to be prepared for solar heated hot water tank and equipment, which will be installed at a later time when design is decided. The wastewater will be lead out as surface water.
- 3) There shall be two toilet rooms ó one for boys and one for girls.
- 4) There shall be two pits 5 feet wide (internal measure) and 5 feet deep with an estimated durability of 3 years each, when mixed with dry leaves, to be emptied every 6 years to be used as fertilizer at school gardens and by villagers. The pits shall be with well build dry wall for long durability, with upper one foot laid in cement and even top, for placement of two ferroconcrete lids.

All rooms shall on inner side be plastered with two layers of cement. First a heavy and rough layer and later a fine and glittered layer for easy cleaning. Outside plastered with mud.

There shall be openings for ventilation on top of wall, but wall and roof shall fit to each other nicely.

Budgetting on toilet:

Taking down old toilet, digging soil, digging for foundation, making access way

All by volunteer labour donation by villagers

Pit: Digging two holes: $6,5 \text{ m}^3 \text{ soil} \times 2 = 13 \text{ m}^3 \times 120 \text{ Rs/ m}^3 =$	1.500 NRS
Stones for pits: 4 piles $\times 1.100 \text{ Rs} =$	4.400 NRS
Work doing foundation in pit: $2 \text{ men} \times 6 \text{ days} \times 250 \text{ Rs/day} =$	3.000 NRS
Top of pit with 1 foot cement mortar and cement top plaster and 8 mm iron ring: $1\frac{1}{2} \text{ sack cement} \times 1.750 \text{ Rs/sack} =$	2.600 NRS
Iron ring: $2 \times 6 \text{ m} \times 55 \text{ Rs/m} =$	700 NRS
Work: $2 \text{ men} \times 2 \text{ days} \times 250 \text{ Rs} =$	1.000 NRS
4 lids $2 \times 1 \text{ m ferroconcrete: } 5\frac{1}{2} \text{ sack cement} \times 1.750 \text{ Rs/sack} =$	9.600 NRS
8mm iron: $10 \times 2\text{m} + 20 \times 1\text{m} \times 4 \text{ lids} = 160\text{m} \times 55 \text{ Rs/m} =$	8.800 NRS
Work: $2 \text{ men} \times 4 \text{ days} \times 250 \text{ Rs} + 1 \text{ man} \times 4 \text{ days} \times 150 \text{ Rs} =$	2.600 NRS
Plasticpipe 90 mm: $20\text{m} \times 200 \text{ Rs/m} =$	4.000 NRS
Work: $2 \text{ men} \times 2 \text{ days} \times 250 \text{ Rs} =$	1.000 NRS
2 pans $\times 3.500 \text{ Rs/pan} =$	7.000 NRS
500 liter tank with tap (including 3 extra taps) =	2.000 NRS
Walls: Stones: $14 \text{ piles (+ stones from old toilet)} \times 1.100 \text{ Rs/pile} =$	15.400 NRS
Work: $2 \text{ men} \times 8 \text{ days} \times 250 \text{ Rs/day} + 2 \text{ men} \times 8 \text{ days} \times 200 \text{ Rs/day} =$	7.200 NRS
Cement: $20 \text{ sacks} \times 1.750 \text{ Rs/sack} =$	35.000 NRS
Carrying up sand:	2.000 NRS
Work on cement plastering of walls and floor: $2 \text{ men} \times 8 \text{ days} \times 250 \text{ Rs/day} =$	4.000 NRS
Work on mud plastering: $2 \text{ men} \times 4 \text{ days} \times 250 \text{ Rs/day} =$	4.000 NRS
Roof: Bathroom $2,5\text{m} \times 2\text{m ferroconcrete: } 3 \text{ sacks cement} \times 1.750 \text{ Rs/sack} =$	5.300 NRS
8mm iron: $25 \times 2\text{m} + 20 \times 2,5\text{m} = 100 \text{ m} \times 55 \text{ Rs/m} =$	5.500 NRS
Work: $2 \text{ men} \times 4 \text{ days} \times 250 \text{ Rs/day} =$	2.000 NRS
Wood for beams including salary:	2.000 NRS
Wood for doors including salary:	5.000 NRS
Tin roof: $2\frac{1}{2} \text{ bundles} \times 10.000 \text{ Rs/bundle} =$	25.000 NRS
Salary for roof laying including nails =	1.000 NRS
TOTAL for sanitary complex:	161.600 NRS

E) School Tree Nursery:

Wood and labour for making small gardens =

5.000 NRS

Trees & Bushes for fencing and decoration and for production	20.000 NRS
TOTAL	25.000 NRS

Total Construction Budget Amount: **889.600 NRS**

G) Administration, Monitoring and Reporting:

15 % will be charged from the total Project Budget Amount	133.500 NRS
---	-------------

Total Project Budget Amount: **1.023.000 NRS**

With currency rate 12,0 NRS/DKR: **85.250 DKR**

Postscript:

With a support from Køge Nord Rotary Klub on above mentioned details and above mentioned amounts Jana Chetana Pre-primary School and the village of Solung will receive the finish which will make it a fully finished compound, which can offer students, teachers and villagers the best environment for future functionality and academic surroundings.

The School Construction Committee is aware that there canø be done any work before there is given green light, which can be expected in summer 2007.

The project will be managed in Slung under the responsibility of
Chairman Construction Committee **XXX**
Headmaster Mrs Purni Maya Rana
School Managing Committee Chairman Gyalzen Sherpa sherpa_999@yahoo.com
Shree Jana Chetana Preprimary School
Beni ward 7, Solukhumbu, Nepal
Contactmail in Kathmandu: mail: junglama_1982@hotmail.com
Tel.: 9841 33 85 31

Bank Account of the school:

Nepal Rastriya Baniya Bank Salleri branch

Current A/c no 1212

Account holder name: Shree Jana Chetana Primary School Beni-7, Solung

The project will be monitored and reported by
Runner Service of Himalayan Project, Nepal (HIPRON)
By Namgyal Jangbu Sherpa
P.O.Box: 15142, Kathmandu, Nepal
Email: nepalhelp@enet.com.np
Tel.: 00977-1-444 60 14

The project will be supervised by:
rotarian Kurt Lomborg
chairman of Himalayan Project, Denmark (www.nepalhelp.dk)
rotarian Thøger Berg Nielsen
member of Himalayan Project, Denmark
Kjeldbjergvej 34
DK-7800 Skive
email: klomborg@post11.tele.dk
Tel.: 0045-97 54 53 08

and:

Rtn. Bishnu Subedi, Rotary Club of Kathmandu, District 3290, Nepal
Rotary Hall of Kathmandu
Kathmandu, Nepal
Tel.: 0977-1-4245783
Email: talisman@wlink.com.np
Tel.: 00977-98510 24103

Funds to be transferred to:
Rotary Club of Kathmandu - Current Account # 85
Rastriya Banijya Bank - Branch: Thapathali, Kathmandu
C/O Rastriya Banijya Bank - Main Branch Office
Super Market Building, New Road, Kathmandu, Nepal
Tel.No. 00977-4230590 - Fax No. 00977-4228337
Telex no.: 2247NP / 2354NP - SWIFT: no code
Via: Citibank NA., New York
Chips No. CP 0008 Ę SWIFT

This Project Proposal is prepared by Papa Kurt Lomborg, Denmark on 1. February 2007.



From Solung Village there is a magnificent view toward Khumbu Range. The highest mountains on Earth. And the triangle a little far away even is the highest point on our Globe, The Mount Everest.