



Sewa International - Nepal Rehabilitation Plan

Introduction

Devastating Earthquakes in Nepal, on Apr 25 & May 12, 2015, have caused immeasurable damage and brought upon immense misery to our Nepalese brethren. Particularly, kids/women have been worst affected. There have been many cases where kids have been orphaned or separated from their families. Some families have lost everything in the massive quake and are no longer able to provide for education or support the kids.

Nepal Government has plans to provide relief, cash/materials, for house-building for each of the family affected by earthquake. Global community too has come forward to support the rehabilitation efforts in Nepal. Sewa International, in coordination with Govt of Nepal, is working towards providing assistance in the rehabilitation/education of the affected kids. The rehabilitation program in Nepal is being worked out by Sewa International, in partnership with Hindu SwayamSevak Sangh & 5 other partner organizations, namely, Jan Kalyan Pratisthan, Pragyik Vidyarathi Parishad, Janjati Kalyan Ashram, Pashupati Shiksha Prasara Samiti & Vishwa Hindu Parishad.

Objectives

- Provide rehabilitation of orphaned/displaced/underprivileged kids.
- Support education, health, development and overall growth related aspects of kids.
- Support social/cultural activities of Nepalese Community to bring normalcy.

Target Population

This project is targeting education of quake-affected displaced/orphaned/under-privileged kids in all affected districts namely, Sindhupalchok, Rasuwa, Dhading, Dolakha, Gorkha, Nuwakot, Bhaktapur, Lalitpur, Kathmandu, Ramechhap, Lamjung, Kabhrepalanchok, Khotang, Okhaldhunga, Makawanpur, Sindhuli, Chitwan, Syangja & Gulmi.

Proposal

To support education & rehabilitation of affected kids in Nepal, Sewa International is planning to open **Residential student hostels** (Aamako Maya Chhtravas), **Community Centres** (which will provide supplementary accommodation/education to students) & **Schools** (Residential/Regular), in various quake affected districts of Nepal.

- **School kits distribution** program is currently underway with 30,000 school kits (Junior/Senior) already sent from India to Nepal for distribution among under-privileged students. The plan is start the distribution of school kits in various districts of Nepal starting Aug 5, 2015.
- **Student hostels** would ensure that all kids go to nearby schools and provide for supplementary education for all round development of the kids by providing them Computer/Music/Sports skills.
- **Community Centres** would be utilized for running temporary schools/additional support for kids, till damaged schools are repaired as well as support social/cultural activities of the

Nepalese community. These would be built in 3 different sizes according to need and availability of land.

- **Schools** would be built for 2 main categories, **Residential & Regular**. Residential schools would provide hostel facilities to students. It would cater to providing education to students staying in the school hostel as well as day-scholars from surrounding villages.

All buildings will conform to standard, **IS: 4326 "Earthquake Resistant Design and Construction of Buildings — Code of Practice"**, and provide safety in times of natural disasters.

Electricity needs are being planned to be through off-grid/grid-linked Solar Installations, wherever needed in order to support our Clean Energy Initiatives.

School Kits Distribution

Earthquakes in Nepal caused damage to more than 5000 schools in various districts of Nepal. This resulted in huge infrastructure loss as well as education materials/equipments. Hundreds of thousands of homes have been destroyed/damaged causing Nepalese people lose most of their possessions. Among the lost possessions were also school bags/stationery items for the kids, which is now a luxury to most of the affected families. This has put the already fragile education system of Nepal, on the ropes.

To help such affected under-privileged students and restart the education system, Sewa International planned for distributing 35,000 school kits in Nepal. Excise duty exemption for the same has been received from Nepal government.

In the first phase, 30,000 school kits are being sent to Nepal for distribution to deserving Nepalese kids. Rest of 5000 kits would be sent as per future requirements. Initial set consists of 15,000 Junior student kits and 15,000 Senior student kits. The configuration & cost of the school kits is as given below [*Note, estimates below are for complete set of 35,000 kits*],

For Junior students(Nursery to 5th)	Unit Price(in INR)	Quantity	Total Cost
1 School bag	138	20000	2760000
6 notebooks (100 pages)	10.7	6x20000	1284000
1 Pencil box (2 pencils, 1 eraser,1sharpener,1 scale)	27	20000	540000
1 Drawing book(28 pages)	10.3	20000	206000
1 Crayon box(12 colours)	6.5	20000	130000
For Senior students(6th onwards)			
1 School bag	138	15000	2070000
7 notebooks (100 pages)	10.7	7x15000	1123500
2 Longbooks/Registers(100 pages)	13	2x15000	390000
1 Geometry box(1 pencil,1 pen, 1 eraser, 1 sharpener,1 scale,protractor,compass,set squares)	41	15000	615000
1 Graph book(60 pages)	7.5	15000	112500

Complete Material Cost for School Kits = INR 9231000

VAT (5%) = 5% of 9231000 = INR 461550

Transportation Charges[India to Nepal] (2.5%) = 2.5% of 9231000 = INR 230775

Admin Charges (Assembling/Handling/Storage/Distribution) (8%) = 8% of 9231000 = INR 738480

Grand Total for 35,000 kits = 9231000 + 461550 + 230775 + 738480 = INR 1,06,62,355

Approximate Cost per School Kit = 1,06,62,355 / 35,000 = INR 305.

Presently, school kits have arrived in Bhairwa, Nepal, which is the collection centre, and are in the process of being sorted/ assembled. The school kit distribution activities to different districts would begin on Aug 5, 2015 and continue for 8-10 days.

In the school kits, all notebooks have been labelled with appropriate sponsor/partner organization logos. The school bags also have been appropriately labelled with logos of different sponsoring/partner organizations as shown below,



Present lot of school kits is being sponsored by the following organizations,

Rashtriya Sewa Bharti = 10,000 kits

Sewa International = 10,000 kits

Seva Sahayog = 5000 kits

Youth for Seva = 5000 kits

In future, depending on the success/learnings from the current School Kit Drive, Sewa International intends to conduct many such distribution drives with help from our benevolent donors, to help in Nepal's recovery.

Student Hostels (Aamako Maya Chhatravas)

Sewa International in association with its partners in Nepal, is planning to build **6 hostels** in next 2 years (2015-17), in the following districts of Nepal,

1. **Nuwakot – 1 hostel – Support 50 kids – 1+1 Building Structure**
2. **Dolakha - 1 hostel – Support 20 kids – Ground Floor only**
3. **Dhading – 1 hostel – Support 20 kids – Ground Floor only**
4. **Kabhrepalanchok – 1 hostel – Support 50 kids – 1+1 Building Structure**
5. **Chitwan – 2 hostels – Support 50 & 100 kids – 1+1 Building Structure (one of them is Girls hostel)**

Site survey has been done for the above locations and detailed architectural drawings are being prepared. The building plan for the student hostel in Dhading is in its final stages and is shared in following sections. This would serve as a template for rest of the hostel projects as well as help in the estimation of Community Centre/School projects.

Hostel Building Plan

This hostel (Dhading) would provide hostel services for 20 kids. Basic building structure for each hostel would consist of the following, two or more dormitories, a kitchen, multi-purpose hall/room(s) and an admin office room. The hostel would have a verandah in front to double up as dining space and a play area during rainy days. The toilet would have two numbers each of (a) squatting WCs, (b) bathing cubicles and (c) wash basins. The toilet would sit atop a brick masonry septic tank large enough to cater to needs of 30 people or more as per the need.

The building plan is for the student hostel in Dhading with the following specifications,

Hostel Block – 100' – 9" x 18' – 1 ½" = 1826 sqft

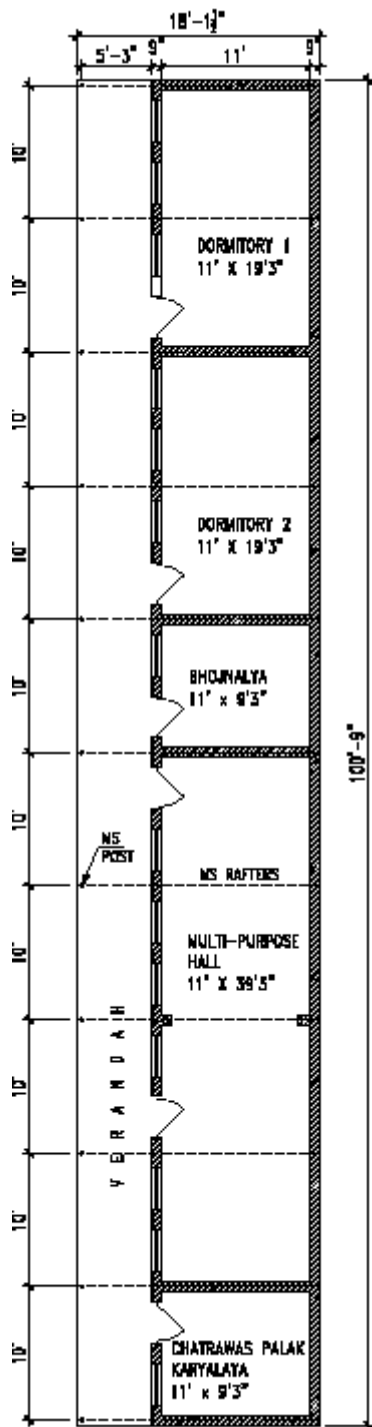
Toilet Block – 12' x 11' = 132 sqft

Septic Block – 44 sqft

Similar plans are being developed for rest of the hostels and would vary depending on the area concerned. The following Building Design options are being considered for student hostel,

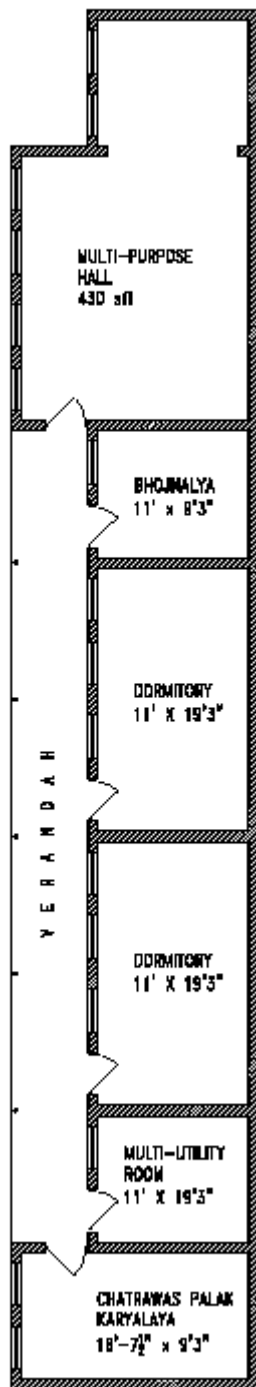
Building Design Option 1

Basic hostel design with large spaces in Multi-Purpose hall for multiple activities.



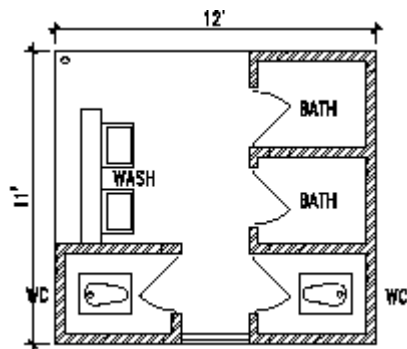
Building Design Option 2

Better design with multiple rooms and better utilization of space for various student activities.

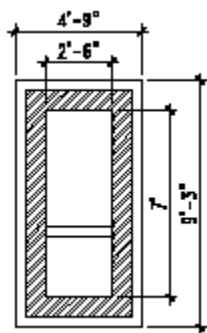


As per the current plan, **Option 2** is the preferred design for the student hostel.

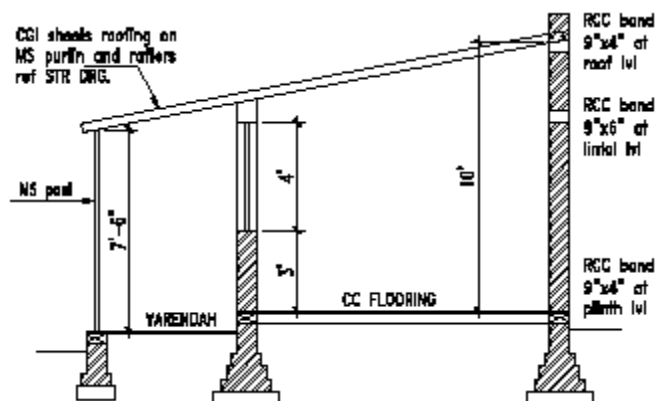
Toilet Plan



Septic Tank



Cross-Section through Hostel



Budget

The cost below doesn't include the land acquisition cost. For Dhading project, land is already acquired so the estimate doesn't include that. For the rest of the areas, land acquisition cost may need to be added on each case basis.

Note, all cost estimates are in Indian Rupees(INR or Rs.) unless otherwise stated.

Hostel Construction

For the building consisting of only Ground Floor as shown above for Dhading hostel, estimates are as given below,

Unit estimates for Ground Floor Only.

Unit Building cost (inclusive of all taxes/labour/materials etc) = **Rs. 1380 /sqft**

NOTE: 2 storey structures, wherever planned, will have a RCC structure with RCC slab for ground floor and CGI tin sheet roofing for the first. The cost of this construction of this 2 storey building would be close to 1800/sqft (an additional cost of Rs. 400/sqft due to RCC structure).

Unit estimates for 1+1 Floor,

Unit Building cost (inclusive of all taxes/labour/materials) = $1380 + 400 =$ **Rs. 1780 /sqft.**

Detailed cost estimates would be provided as required. Depending on the area considered for the hostel, total cost can be arrived at for each hostel. Note, that Dhading has only Ground floor, so estimates would increase when going for 2 storey structure.

For Dhading,

Total Construction Cost = $(1826 + 132 + 44) \times 1380 =$ **Rs. 27,62,760.**

Hostel Furniture (Table/Chairs/BunkBeds/sports items)+ Office Stationary + Utensils = **Rs 2,00,000**

Total One-time Hostel Expense = **Rs. 29,62,760**

Admin Costs (10% of Total One-time Cost) = $10\% \text{ of } 29,62,760 =$ **Rs. 2,96,276**

Complete Cost for Dhading hostel(all inclusive) = **Rs. 32,59,036**

Operational Cost

Mainly consists of managing staff (warden/support staff/part-time teachers) and maintenance activities.

Honorarium (Warden + Support Staff + Part-time teachers[excluding computer]) = **Rs. 2,00,000 /year**

Hostel Maintenance + Bills (Electricity/Water etc) = **Rs. 1,00,000 /year**

Computer Centre

One of the major activities planned is to provide basic/advanced computer education to students in the hostel as part of Vocational Training.

The cost estimate is as follows,

6 Computers + One UPS (Installation/Configuration) + Computer Table/Chairs = **Rs. 2,50,000**

Admin Costs = $10\% \text{ of } 250000 =$ **Rs. 25,000**

Total Cost of Setting up Computer Centre = $250000 + 25000 =$ **Rs. 2,75,000**

Donors are welcome to contribute towards one or more Computers or for any components thereof.

Operational Cost

Honorarium for Computer Teacher + AMC = **Rs. 100,000 /year**

Support a Hostel

This program would provide opportunity for benevolent donors to provide for the yearly expenses of all kids in the hostel. Donors would be provided with periodic reports of the kid's performance over the year.

For Dhading hostel,

Sponsor a Hostel (Yearly expenses – Clothes/Education/Food/Sports) =

Rs. 20,000 /kid/year x Number of Kids = **Rs. 4,00,000**

Additional Plans

Clean Energy - Solar Panels

There is a plan to install Solar Panels for clean energy initiative of Sewa International. For a standard-sized hostel supporting 20 students, following is the cost estimate,

Off-grid **10 KW Solar Panels** Installation/Maintenance/Admin costs = **Rs. 10,00,000**

Community Centres (Samudaya Bhawan)

Sewa International plans to construct multiple Community Centres in all affected districts of Nepal. These would provide emergency shelters in times of grave natural disasters as well as serve community by organizing health camps, relief distribution etc. Community centres would be utilized for providing education to kids during the day-time till the repair/construction work on existing/new schools is completed. This will also be used for after-school education. Additional extra-curricular activities like sports, music, arts & crafts would also be conducted. These community centres would also provide the much needed space for Nepali community to organize social and cultural events.

For Community Centres, there are 3 different sizes/types of buildings that are being proposed. Per Unit construction charges are being modified as per the features/needs of the structure,

- **Laghu (Mini) Centre** – This is the smallest of buildings proposed with size of around **24' x 12' ~ 290 sqft**, mainly to serve smaller/remote villages in hilly areas,
 - **Structure:** One room with attached toilet.
 - **Construction Cost:** 1200/sqft x 288 ~ Rs. 3,45,600
 - **Admin Cost:** 10% of 3,45,600 = Rs. 34,560
 - **Total Cost for One Centre** = 345600 + 34560 = **Rs. 3,80,160**
 - **Number of Community Centres planned** ~ 50
 - **Total Cost for all 50 Centres** = 50 x 3,80,160 = **Rs. 1,90,08,000**
- **Madhyam (Medium) Centre**- This would be a medium-sized building proposed with size of ~ **504 sqft** to serve mid-sized villages & towns.
 - **Structure:** One room, one large hall & one toilet.
 - **Cost:** 1300/sqft x 504 ~ Rs. 6,55,200
 - **Admin Cost:** 10% of 655200 = Rs. 65,520
 - **Total Cost for One Centre** = 655200 + 65520 = **Rs. 7,20,720**
 - **Number of Community Centres planned** ~ 25
 - **Total Cost for all 25 Centres** = 25 x 720720 = **Rs. 1,80,18,000**
- **Vishal (Large) Centre**- This is the largest of buildings proposed with size of around, ~ **754 sqft**, to serve mainly large villages & towns with high population on plains,
 - **Structure:** 2 rooms and one large hall. One bathroom cum toilet.
 - **Cost:** 1350/sqft x 754 ~ Rs. 10,17,900

- **Admin Cost:** 10% of 1017900 = Rs. 1,01,790
- **Total Cost for One Centre** = 1017900 + 101790 = **Rs. 11,19,690**
- **Number of Community Centres planned** ~ 20
- **Total Cost for all 20 Centres** = 20 x 1119690 = **Rs. 2,23,93,800**

School (Vidyalaya)

Sewa International plans to open at least one school in each of the affected districts subject to the availability of land. The schools to be constructed are being planned in 2 different models,

- **Residential** – This will provide residential/hostel facilities to students who need it, but also support education for day-scholars along with hostellers.
- **Regular** – These schools would provide education but won't provide for residential accommodation for students.

Decision to go for Residential/Regular school would be determined on case-to-case basis as per the needs of the districts/land/budget availability.

Currently, one Residential school is being planned in the district of **Bhaktapur**, which was one of the worst affected districts of all. Following are the specifics of the school,

Area of School: 1.7 Acres

Total Cost (Land + Construction +Admin) ~ Rs. 5 Crores

Conclusion

Sewa International plans to start on the construction activity on the projects detailed above as soon as possible, with our Nepalese partners. The support of our benevolent donors would be very crucial in order to execute the plans.

All donations to Nepal may be sent to **Hindu SwyamSevak Sangh, Nepal** in the following tranches,

Initial Start of the Project = 40% of the total amount

Mid-term Stage of the Project = 30% of the total amount

Final Stage (Project Completion) = 30% of the total amount