Confederaziun svizra

Humanitarian Aid construction group

Projects library of the specialized group for construction

PUBLIC BUILDINGS

| Project | SCHOOL |
|------------------------|----------------------------------|
| Project name | Tsunami school rehabilitation |
| Country | Sri Lanka |
| Region/town | Point Pedro, Jaffna |
| GIS data (WGS 84) | |
| Project type | rehabilitation /New construction |
| Typology | classrooms |
| Approach | contracted construction |
| Beneficiaries | Returnee / IDP / refugee |
| Climate | Hot, humid |
| Special constraint | tsunami/flood |
| start / end of project | 2005 / 2008 |
| Country GNP | 2200 USD/cap |
| | |



Partners

Organization (donor) IO/NGO partners

Financed by SDC Swiss Agency for Development and Cooperation

GO partners

Secretary of the Ministry of Education Northeast Province School Works Branch Jaffna Provincial Education Director Zonal Education Director

Context to project

Initial Situation

On 26th December 2004 the southern and eastern coastlines of Sri Lanka were hit by a devastating Tsunami that was caused by a powerful earthquake located off the coast of Sumatra. In Vadamarachchi North and East on Jaffna Peninsula, some 17 schools have been affected by the Tsunami. Some institutions were directly affected by water other were used as welfare centres by the affected population.

Goals, Beneficiaries

This project supports the Government's efforts to reinstall and provide appropriate educational facilities to 1100 students. The renovation and upgrading have been requested by the School Development Society, the principal and the teachers. The request is supported by the Government Agent, the additional Director of Education and the School Works Branch Office Jaffna.

Implementations/Results

To permit the students to return to a normal life by rehabilitating the building after the tsunami and thus to support a positive development of the peace

process

Federal Department of Foreign Affairs FDFA Swiss Agency for Development and Cooperation SDC

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Reference data (comparative)

| Land plot | 11,744 m2 | Number of blocks | 23 |
|----------------------------|------------|--------------------------------|----------------------|
| Classes/rooms per blocks | 6 | Number of units | 108 |
| beneficiary /unit | 12.89 | Total beneficiaries | 1391 |
| latrines | 22 | Other infrastructure | Activity room |
| Ground floor (incl. walls) | 305 m2 | Floor (incl. walls) | floors |
| Total surface | 1031.51 m2 | Surface / beneficiary | 1.27 m2/ beneficiary |
| Volume (outside dim.) | 8765 m3 | Volume / beneficiary | 6.30 m3/ beneficiary |
| Heated surface | m2 | Heated surface/ beneficiary | m2/ beneficiary |
| cost cof complex | USD | cost/beneficiary | USD/beneficiary |
| Total cost | USD | Self help (beneficiaries) | USD/beneficiary |

Federal Department of Foreign Affairs FDFA
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Approach to results

Initial Situation

Hartley College was affected by the tsunami and falls under the category repair of damages. Some buildings needed refurbishing.

Approach

Additional class rooms, a multi purpose hall, science labs and a sports centre have been requested by the School Development Society, the principal and the teachers supported by the Government Agent, the additional Director of Education and the School Works Branch Office Jaffna.

The school rehabilitation work started in November 2005

SDC decided to withdraw its expatriates from Jaffna, for security reason on May 2006 and to work out of Colombo, in remote control. In June 2006 after evaluation of the situation, the decision was taken to suspend all construction projects and the relevant authorities were informed.

In March 2008, SDC resumed work on Hartley College. Selection of priority buildings to be finished was done during the visit of the back stopper in cooperation with the school authorities. Mainly a lab, furniture and equipment, the sports centre, water and sanitation and surrounding work were not selected anymore to be built.

Scaling down from the original plans made a new tender floating irrelevant and the original amount of the existing CP was found sufficient to cover for the reduced version as prices in the meantime have risen.

Problems/Constraints

Since August 2006, the vital A9 is closed again and the Peninsula is back to a conflict reality. SDC declared to be ready to resume activities when normalcy would return. Since the resumption of the construction work the biggest challenge was the complex bureaucratic approval procedure to obtain basic construction material like sand and cement.

Lessons learned

The isolation of Jaffna had its price in time and money and still a positive impact was possible.

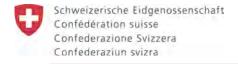
Evaluation

Legal framework

Political attachement

Type of ownership

Vaddamarachchi North, Point Pedro, Jaffna Ministry of Education Northeast Province



Humanitarian Aid construction group

| Constructio | n information | cost repartition |
|--------------|-----------------------------------|------------------|
| Construction | 1 | |
| | Preliminaries | 95,510 |
| | Excavation and Earth work | 32,912 |
| Structure | Plain cement concrete (PCC) works | 218,771 |
| | Reinforced cement concrete works | 1,456,433 |
| | Reinforcement work | 1,106,474 |
| | Concrete block work | 892,779 |
| | Tinker and metal work | 387,904 |
| | Roof work | 5,083,319 |
| | Doors | 207,123 |
| | Windows & Fan lights | 1,777,567 |
| | Plaster works | 1,459,414 |
| | Painting and Decoration works | 589,535 |
| | Electrical Installation | 331,174 |
| | Plumbing work | 118,732 |
| | Miscellaneous work | 570,050 |

Total 14'327'697 100%

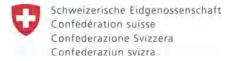
Urban planning

Distance to : villages 0 km

Public transport available

For further information

| Involved SHA construction group consultants | N/A |
|---|------------------------------------|
| Other involved SHA consultants | Ueli Salzmann/Marc-Andre Buenzli |
| Author / Contact: | Tharshana Tharmalingam/Hugo Gisler |
| Recommended Institutions: | |
| Recommended partners: | |
| Recommended books/reports: | N/A |
| Relevant other projects (links): | N/A |



Pictures Hartley College



Completed set 1



Completed set 1 U/F



Set 1 G/F





