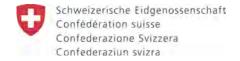
Health (Health-center) UNICEF secondment

Sri Lanka



Project

# Projects library of the specialized group for construction

### **PUBLIC BUILDINGS**

	_
Project name	Post Tsunami School Project in
Country	Sri Lanka
Region/town	Hambanthota / Walasmulla
GIS data (WGS 84)	Walasmulla
Project type	New construction wash r. Renovation (Ward 1 & 6)
Typology	Health Facilities
Approach	Contracted construction
Beneficiaries	Ministry of Health
Climate	Hot, humid
Special constraint	Tsunami
Start / End of project	Jan-2010 / June-2010
Country GNP	



Base Hospital- Walasmulla

#### **Partners**

GO partners

Organization (donor)

UNICEF

IO/NGO partners

Ministry of Health

## **Context to project**

Initial Situation Base Hospital built in 1930, ward 1 in 1962 and ward 6 in 1986 Goals, Beneficiaries Renovations with better facilities (2 blocks) and new toilet units.

Implementations/Results 1<sup>st</sup> phase: Ward 1 with labor room and 12 units and 5 toilet and 2 showers,

new washing area;

2<sup>nd</sup> phase: Ward 6 with 9 units and 5 toilets and 2 showers

## Reference data (comparative)

Land plot	*****m2	Number of blocks	2
Total rooms	14	Number of units	2
Beneficiary /unit	Approx. 17	Total beneficiaries	Approx. 35
Latrines	3 units: female & males	Other infrastructure	Drainage system upgraded with reference
	1 unit: administration		to the additions and alterations.
Ground floor (incl. walls)	765.24 m2	1 <sup>st</sup> & 2 <sup>nd</sup> Floor (incl. walls)	Single storied buildings
Total surface	765.24 m2	Surface / beneficiary	21.86 m2/ beneficiary
Volume (outside dim.)	4198 m3	Volume / beneficiary	119.94 m3/ beneficiary
Heated surface	None.	Total cost / Total surface	110.35 USD/m2
Total cost (Finalized bills	84'450 USD	With additional cost	2'413 USD/beneficiary
05/05/2010	9′078′434 LKR		259'384 LKR/beneficiary

# **Humanitarian Aid construction group**

### Approach to results

**Initial Situation** 

- · 2008 first contact to Hospital
- 2009 Project with Consultant and contact to Ministry of Health
- 2009 December Project for health –facilities was approved.
- 2010 January Execution of project started.

**Approach** 

 UNICEF Project called "Tsunami recovery Projects", implemented by:

UNICEF Team: CMU (Construction management unit) in Colombo and UNICEF team in Galle with two persons (Construction Project Manager, SDC and a National Civil Engineer. They were responsible for controlling, supervising and payments of bills.

Consultant/ Architecte: Kahawita de Silva & Associates (Pvt) LTD.

Contractor: Lanka Trading & Construction Co. (PVT) LTD.

**Problems/Constraints** 

- BoQ from Consultant was OK, some items had to be changed.
- Leading Doctor in the Hospital was not very cooperative.
- Water of Hospital could not be used, contractor had to bring it!
- Very difficult handing-over, stopped by the leading doctor of the hospital without any reason. We lost 3 weeks!

**Lessons learned** 

- Small hospital facilities in a small rural village gives good result.
- Never start a new construction, when the infrastructure is not clear. ( access road, no electricity and water connection )

**Evaluation** 

- · Government and district support was OK.
- Future of health for this area is secured.

### Legal framework

#### **Political attachment**

Type of ownership

Ministry of Health ( Government )

# **Humanitarian Aid construction group**

### **Construction information**

cost repartition

Construction

**Structure** Foundations

Walls or columns

Facade Roof

Earthquake protection

Materials Floor surface

Walls: Doors Windows Ceiling

Thermo insulation

Ceiling

**Watsan** Water

Toilets Waste water Rain water

**Equipment** Heating system

Electricity connection Telephone connection Cooking facilities

Total (USD) All Project 84'450 100%

## **Urban planning**

**Distance to :** Village 100m to village center

Public transport Bus to Matara and Tangala (about 20 km)
Bus and train from Matara to Galle and Colombo

#### For further information

Involved SHA construction group consultants	Felix Veith Construction Project Manager SDC, Galle-Office UNICEF
Other involved SHA consultants	Henri Stalder Construction Managament Specialist SDC, Colombo Head-office UNICEF
Author / Contact:	Manjula Dabere Project Engineer UNICEF, Galle-Office
Recommended Institutions:	Ministry of Health (MoH), Colombo
Decommended newholes	Consultant: Kahawita de Silva & Associates (PvT) LTD, Beliatta-site-office and Head-office Colombo
Recommended partners:	Contractor: Lanka Trading & Construction Co. (PVT) LTD, Beliatta-Office and Colombo Head-office
Recommended books/reports:	
Relevant other projects (links):	

### Schweizerische Eidgenossenschaft Confédération suisse Confederazione Svizzera Confederaziun svizra

#### Relevant illustration



Entrance of Hospital: 10/01/2010 starting of project



First meeting UNICEF: CMU-Team with Contractor



Corridor of Ward 1





Ward 6: Entrance



Ward 6: Corridor with units to be renovated