Projects library of the specialized group for construction

SCHOOLS

Project	Postconflict School I	Reconstruction
Project name	Madduvil Kamalsany Vidyalaya Chavakachcheri, Jaffna District	m Primary and Secondary School c, Sri Lanka
Country	Sri Lanka	Area Detail
Town/Region	Chavakachcheri DS Div.: Thenmaradchchi District: Jaffna	
Project type	Reconstruction	0,200
Typology	Rectangular Form; 3 classrooms (only SDC building), Secondary School, from Grade 1-11	HARPAREDOY MAGUITHRICERNY
Approach	Private sector contracted construction	
Beneficiaries	Affected people in response to the conflict (IDP's, Refugees, Returnees)	
Climate	Tropical monsoonal with seasonal rhythm of rainfall	
Special constraints	Political situation (Checkpoints, permits); Material and tools availability; Climate (monsoon)	Nador Supported States of
Start / End of project	March 2004 - May 2005	The state of the s
Country GDP	1'296 USD per capita (Dec 2010)	Indian Ocean
Pictures	SDC Jaffna, Maps UN OCHA	The state of the s

Partners		
Organization (Donor) IO/NGO partners	SDC-HA	
Government partners	PTF	Presidential Task Force Ministry of Education Northeast Province Provincial Education Director Zonal Education Director School Works Branch, Jaffna

Context to project		
Initial situation	Madduvil Kamalsany Vidyalayam School is situated 6 km away from Chavakachcheri town, main town of Thenmarachchi District. The school was built in 1917 by a private person, Mr. Ramalingam. The whole area has suffered the heavy combats while it was occupied by armed forces from May 2000 until the beginning of 2002. Before the war, the school hosted more than 520 students. Since May 2002 it has restarted functioning in temporary sheds with an average of 360 students. SDC was requested by the School Works Branch of Jaffna and the Principal of the school to provide the funds for the reconstruction of a two storey multipurpose building.	
Goals, Beneficiaries	The project supports the Government's efforts in answering to an expected growing demand for appropriate educational facilities in the recently opened returnee area of Chavakachcheri.	
	Through the reconstruction of the Madduvil Kamalasany Vidyalayam School an approximate number of 278 students do actually benefit.	
Implementations	SDC-HA pledged to reconstruct on behalf of the request of the School Development Society, the principal of the School and the teachers. The project was supported by the Government Agent, the additional Director of Education and the School Works Branch Office Jaffna.	
Results by January 2012	278 students are currently attending classes in the Two-storey Building, build by SDC. They are regularly using the science and computer room on the Ground floor of the building.	

Reference data			
GIS data (WGS 84)	N 9.69° E 80.14°	Altitude	1 msl (3 feet)
Land plot	5'564 m ²	Number of blocks	6 (SDC 1 block)
Classes/rooms per blocks	4 per block (SDC building)	Number of units	3 (SDC building; classrooms, offices, laboratories)
Beneficiary /(class)room	69.5	Total beneficiaries	278
Sanitary facilities	9 toilets	Other infrastructure (only	1 Principals Office
	(2 boys, 6 girls, 1teachers)	SDC Building)	1 Science Lab
	10 urinals boys		1 Computer Room
			1 Multipurpose hall with stage
Ground floor (covered area), only SDC building	161.72 m ²	Floor levels	2
Total surface in m ²	323.45 m ²	Surface / beneficiary	1.16 m ² / beneficiary
(only SDC building)		(only SDC building)	
Volume (outside dim.), only SDC building	1'075.48 m ³	Volume / beneficiary (only SDC building)	3.86 m ³ / beneficiary
Heated surface	No heating	Electrification	yes
Cost per m ² (only SDC	112.60 USD	cost/beneficiary	131.01 USD/beneficiary
building)		(only SDC building)	
Total cost (1US\$=110.1 LKR)	36'423.08USD (4'010'181.67LKR)		

Legal framework	
Political attachment Through the bilateral agreement between SDC and the Government of Sri Lanka followed by an MoU between SDC-HA and PTF	
Type of ownership District Education Department on behalf of Ministry of Education Northeast Province	

Relevant building construction costs (excl. planning, design and supervision)

Construction	
Summary	Expenses
Demolition Work	50'000.00
Excavation and Earth Work	30'880.00
Concrete Work	134'100.00
Reinforced cement concrete Works (RCC)	622'140.00
Reinforcements	351'090.00
Masonry Works	118'575.00
Concrete Block Work	381'000.00
Tinker and Metal Work	105'000.00
Roof Work	417'600.00
Carpenter and Joiner Work	252'817.00
Plaster work	400'530.00
Painting and Decoration work	42'540.00
Electrical Installation	87'400.00
Miscellaneous Works	314'800.00
Subtotal	3'308'472.50
Less Discount	19'850.84
Total (original works)	3'288'621.67
Additional Works	721'560.00

Construction Total in LKR	4'010'181.67
Construction Total in LKK	4 010 101.07
Construction Total in USD	36'423.08
(1USD=110.1LKR)	

Urban planning		
Distance to:	Next Village center	3 km
	Public transport	No public transport available, but internal roads are rehabilitated and public transport was requested by the villagers.
	Main road	3 km

For further information		
Involved SDC-HA construction group consultants	R. Ivan Hauri	
Other involved SDC-HA consultants	S Kugananthan (Senior Engineer)	
Author / Contact:	Srikantha Rajaratnam srikantha.rajaratnam@sdc.net	
Recommended Institutions:	N/A	
Recommended partners:	N/A	
Recommended books/reports:	Further information (drawings, contracts) on construction group website or email above available	
Relevant other projects (links):	Project Document of the Cash for School Program, Sri Lanka, containing the reconstruction of Schools.	
	Website: www.cfhsrilanka.com	

Relevant illustration



2 Storey Building donated by SDC



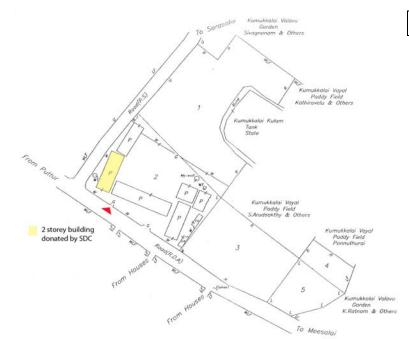
Science	Lab
	Science





3L	Multipurpose Hall
4R	Playing Ground

Relevant Drawings



9L General Layout Plan