



Projects library of the specialized group for construction

SCHOOLS

Project	Postconflict School Reconstruction
Project name	Madduvil Kamalsany Vidyalayam Primary and Secondary School Chavakachcheri, Jaffna District, Sri Lanka

Country	Sri Lanka	
Town/Region	Chavakachcheri DS Div.: Thenmaradchchi District: Jaffna	
Project type	Reconstruction	
Typology	Rectangular Form; 3 classrooms (only SDC building) , Secondary School, from Grade 1-11	
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)	
Start / End of project	March 2004 – May 2005	
Country GDP	1'296 USD per capita (Dec 2010)	
Pictures	SDC Jaffna, Maps UN OCHA	

Partners	
Organization (Donor)	SDC-HA
IO/NGO partners	
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 Kamalasanay 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.



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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 (2 boys, 6 girls, 1teachers) 10 urinals boys	Other infrastructure (only SDC Building)	1 Principals Office 1 Science Lab 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 (only SDC building)	323.45 m ²	Surface / beneficiary (only SDC building)	1.16 m ² / beneficiary
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 building)	112.60 USD	cost/beneficiary (only SDC building)	131.01 USD/beneficiary
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



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

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 Kuganathan (Senior Engineer)
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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



1	2 Storey Building donated by SDC
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2	Science Lab
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3L	Multipurpose Hall
4R	Playing Ground



Relevant Drawings

9L	General Layout Plan
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