



Helping Re-build Tammennakulama Vidyalaya

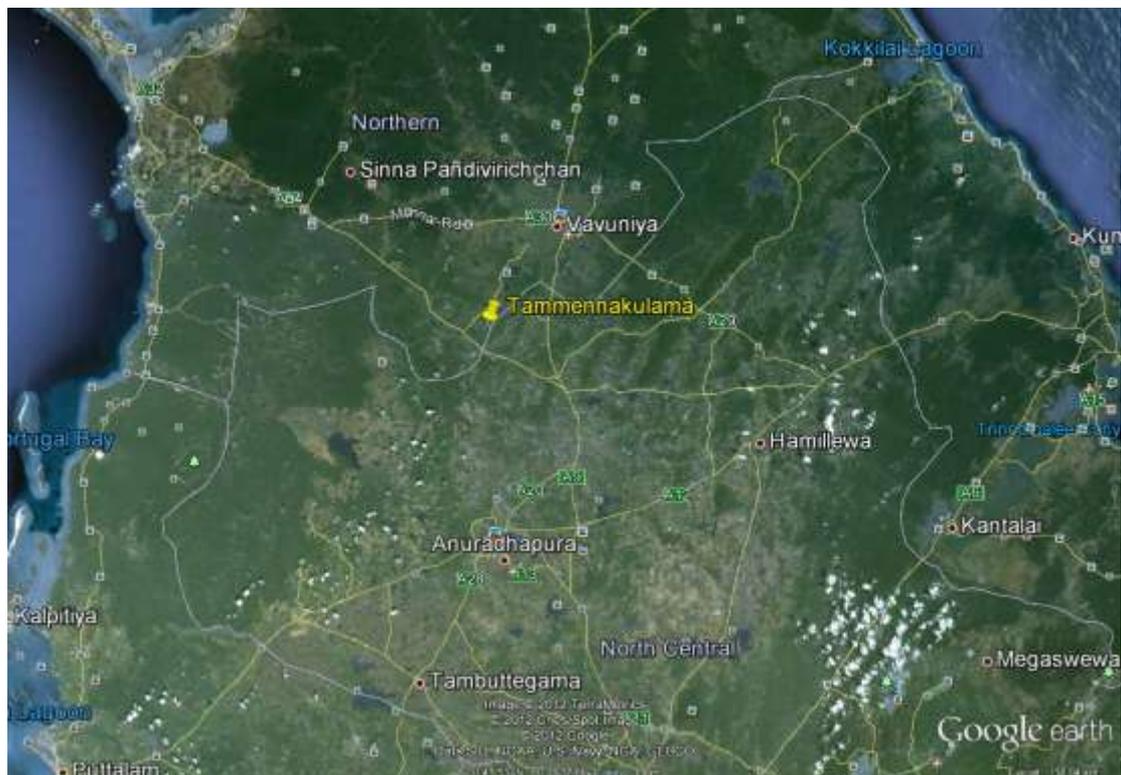
Project Proposal By Karuna Trust, March 2012

Karuna Trust is planning to reconstruct a school building in Tammennakulama, north central province of Sri Lanka which was affected by war. We are seeking your kind sponsorship for this worthy effort

About Thammennakulama Village

Thammennakulama and Kelasiyambalawa are two little known villages one in North Central Province and the other in Northern Province of Sri Lanka, on the border of Anuradhapura and Vavuniya districts. Kelasiyambalawa is in Vavuniya District, while Thammennakulama is the adjoining village in Anuradhapura District. Thammennakulama is 16 km away from the administrative city Medawachchiya and Kelasiyambalawa is 25 km away from its administrative city Vavuniya. Currently there is no public transport facility to these two villages. Villagers have to walk about 5 km to get to the nearest bus route.

There are 68 families in Thammennakulama and 82 families in Kelasiyambalawa. Other than the few who serve in the army and few teachers, rest of the people are farmers. These people do their farming entirely dependent on rainwater and if they do not get rain in time they have no other means of doing their farming. Very often these areas face long droughts and during such times they face a very hard life.



Aerial map showing Thammennakulama.

About the School

There was a primary school in Thammennakulama, which was attended by the children of these two villages. The terrorists have set fire to this school and it was completely damaged. These two villages were abandoned for few years due to the terrorist activities. However, people have resettled in these areas around 2003. After the resettlement, the children of these villages went to the school in

Periyakulama which is about 5km away. Parents had to take their children either by a push cycle or walk the whole distance up and down daily.

In January 2011, the O.I.C. , Medawachchiya Police Station has borrowed some timber and aluminum sheets from a vacated rehabilitation camp in Vavuniya and has constructed a temporary hall and has re-opened the Thammennakulama school. Our organization was engaged in doing many rehabilitation projects in these villages in 2004 and we have seen the ruins of this school at that time. When we heard that this school has been reopened, we went to see the school recently. The Divisional Secretary of Medawachchiya also accompanied us. There are 29 students altogether and we donated books and stationary to all of them.



Description of the work

We found the timber used for this building is inferior coconut rafters. The aluminum sheets get flown away even in a small wind. The teachers also mentioned that during rain, they cannot teach due the heavy noise from the roof. The condition of the roof in this building is so bad and it is not safe to keep the children under this roof.

Karuna Trust is planning to do the following reconstruction work for this building to accommodate the needs:

- (1) re-construct a permanent roof for this building. Install a permanent steel roof structure and replace aluminum sheets with corrugated asbestos sheets.
- (2) make necessary structural changes to the building to support a permanent roof. The pillars on one side of this building are not in parallel with the opposite side pillars. We have to demolish the pillars in one side and rebuild five pillars in parallel to the pillars on other side in order to install the steel trusses.
- (3) construct wall partitions between class rooms
- (4) wire mesh the outside walls.

After the destruction



Present Condition of the school



Schoolbooks donation December 2011



Estimated Costs

These are approximate costs for each item based on a detailed estimate we have obtained from the technical officer attached to Medavachchiya Divisional Secretariat Office.

Item	Cost (US\$)
Roof	5,000
Structural improvements	2,500
Wall Partitions	1,000
Wire mesh outside walls	1,000
Flooring	2,000
Contingencies (10%)	1,000
Total Cost	12,500

Total sq ft = 2500
Cost per sq ft = US\$ 5

How you can help

You can help in multiple ways to make this project a success, uplifting the spirit of the school children in these two villages.

(a) Provide cash donations

- Be a sponsor for a specific amount of sq ft at US\$ 5 per sq ft.
- By pooling funds among friends/relatives, sponsor one item in the cost breakdown table above

(b) Provide material or labor needed

If you wish to be a sponsor for this worthy cause please do contact us at: helpplanka@karunalanka.org or by phone. Cash donations can be routed to Karuna trust account below. Please include the reference "Tammennakulama School Project" along with your remittance.

You can wire funds to:

Name on Account: Karuna Trust
Account Number: 711444
Bank Name: Bank of Ceylon
Bank Branch: Homagama
Country: Sri Lanka
ABN (SWIFT) code: BCEYLKX

Please write your cheques in favor of Karuna Trust.

About Karuna Trust

Karuna Trust is kindness in action. It is a voluntary organization dedicated for improving the living standards of materially poor people in Sri Lanka. It receives its inspiration from Mr. Mahinda Karunaratne, who is the chairperson of M/S Karunaratne & Sons Ltd. a reputed printing establishment in Sri Lanka.

Operated entirely by volunteers, Karuna Trust works solely to provide help for extremely deserving cases, which may otherwise have little or no recourse. Donors looking to support Karuna Trust need not worry about where their donations go, all money contributed goes fully to charitable purposes, with no administrative withholdings.

Karuna conveys its heartfelt thanks to you for doing your part as a sponsor, advertiser, or as a member. Thank you for helping us to help the helpless. Check out our website for past and ongoing projects: <http://karunalanka.org>

Karuna Trust

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“Reform the man first; Then the society will be reformed”

Appendix : Detailed Estimate

ESTIMATE FOR REPAIRS ROOF OF SCHOOL BUILDING THAMMENAKULAMA - MEDAWACHCHIYA

NO	DESCRIPTION OF WORK	UNITE	QTY	RATE	AMOUNT
1	Ceiling asbestos removed including timber frame work stacking usable materials and debris cleared away in single storied building.	Allow	item	Sum	2500.00
2	Excavation in trenches for walls and column pits in soft disintegrated rock (not requiring blasting) up to a depth of 5' 0" and depositing excavated materials to distance not exceeding 30' 0"	Cube	1.25	2016.00	2520.00
3	Cement concrete grade 15 above one cube.	Cube	0.12	33652.00	4038.24
4	Cement concrete grade 20 in column foundation, column shaft and plinth beams using mixer and vibrator - up to first floor level	Cube	0.89	43270.00	38510.30
5	Tor steel rods to SLS standards in reinforcing in columns, beams, slabs and lintols up to first floor level bent to shape laid in position and tied with G.I. Wire as directed	Kg	119.8	191.22	22908.16
6	Mild steel rods to the SLS standards, shape into stirrups and laid in position and tied with GI wires as directed - up to first floor level	Kg	25.98	190.26	4942.95
7	Class III timber shuttering for small works including dismantling	Sqr	2.88	4647.00	13383.36
8	Supply and place in position steel roof truss (WEB) - span 21 - 25 ft. - complete with double member exterior and single member interior, 6 mm gusset plate, 16mm dia. rag bolts, 6 mm base plate welded and application of two coats of anti-corrosive paint all as per detail drawing given by the Department	No	5.0	41340.00	206700.00
9	Supplying and fixing Angle iron purlins 65 x 65 x 5 mm to trusses with 10 mm dia. bolts and nuts including application of anticorrosive paint	L.ft	870	283.00	246210.00

NO	DESCRIPTION OF WORK	UNITE	QTY	RATE	AMOUNT
10	Supplying and fixing End rafters, 50 x 50 x 5 mm (double) angle iron on gable ends with purlin cleats including application of anticorrosive paint	L.ft	48	639.00	30672.00
11	Asbestos corrugated sheet fixed on existing frame with necessary bolt and nuts	Sqr	24.36	8665.00	211079.40
12	Ridging, Calicut pattern bedded in cement and sand lime mortar 1:1:4 . Colour to match tiles	L.ft	87	145.00	12615.00
13	3/8" plaster to R.C.C. columns, beams and soffit of slab in cement and sand 1:3 including floating with lime putty - up to first floor level	Sqr	2.93	5602.00	16413.86
14	Valance, fascia, 3/4" thick 9" high, GINISAPU local timber fixed complete with necessary screws, preparing and painting with one coat of primer and two coats of enamel paint	L.ft	230	236.00	54280.00
15	Lintel, cement concrete grade 20, 4 1/2"x6" with 2 nos. 12 mm dia. tor steel bars and form work	L.ft	21	323.00	6783.00
16	Brick 4 1/2" thick in cement mortar 1:5	Sqr	0.28	11732.00	3284.96
17	Floors, cement concrete 1:2 1/2: 5 (1"), 3" thick, cement rendered 1/2" thick, 1:2 with expansior joints filled with cement and sand (including laying guage 1000 polythene sheet)	Sqr	16	13595.00	217520.00
	Direct Contruction Cost				<u>1094361.23</u>
	Contingencies 10%				109638.77
	Total Amount				1204000.00

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