

Roof Repair at Two Supported Schools

I visited some schools in Sept 2022 with a volunteer. One of the schools visited, PUPS Athivakkam, had a room where the roof was leaking. The Head mistress talked to us about fixing it and the volunteer was interested in trying to raise funds for that and similar repairs.

Our coordinator Srinivasan did a quick survey of all our supported schools and identified schools which had buildings that required roof repair but where the building were strong enough and hadn't been marked for demolition. In addition to Athivakkam, he was able to identify two more schools that were in a similar situation.

We hope to take up this work and if possible complete it before heavy rains set in. Here is a description of the schools and the work.

Schools Planned

PUPS Athivakkam

Primary school with a strength of about 110 that we have been supporting since 2018-19. We have continuously had a regular teacher as well as a computer teacher here. We also ran a mini-school from this village. The school is very supportive of all our efforts. Even recently, Athivakkam is one of the schools where we have launched the Karadi Path program.

One of the rooms had good structure but roof leaks badly. There was one more building which had been sanctioned for demolition (and reconstruction at a later date). The workers from the BDO (Block Development Office) came for the demolition. The HM asked them to do the reseating of the tiles. BDO allowed that and they have done that now. We have to wait for the rains to see if it fixed the problems. It is quite likely that it wouldnt have fixed the problems as they havent done the cement packing where there are gaps or put up a tarpaulin sheet. We will know this in a couple of weeks when there is a good rain. The work required will be slightly less as the reseating of the tiles need not be repeated.



PUMS Nelvoy

Middle school with a strength of about 100 that we have been supporting since 2018-19. We have a computer teacher at this school.

The school has a nice new compound with 2 or three buildings. These are used by classes 5 to 8. There is an old building in a separate area (about 100 mtrs away) for the children in classes 1 to 4. This room leaks badly. Building is otherwise sound and no demolition request.



PUPS Kammavarpalayam

Primary school with about 30 children that we have been supporting since 2016-17. At this is a small school with 2 teachers, we have just provided a computer teacher to the school. The schools welcomes all of Asha's support. We have also in the past taken up some repair work for the school's toilet.

This is a one building school and the building leaks badly. Otherwise it is a fairly new building. But as the leak is bad and as there is only one room, when it rains they are having to send the children home and close the school. They desperately need the roof work done.



Work to be Done at these Schools

The work planned is similar at all these three schools.

1. Reseat the tiles. They will take apart all the tiles and reseat them on the roof properly while replacing broken tiles.
2. Pack any gaps that show up with cement.
3. Cover the whole roof with tarpaulin that seals with the tiles when it is heated up (by sunlight).

We plan to do the same thing in all the three schools. At Athivakkam, item 1 is likely to not be required.

Budget

PUPS Athivakkam				
School Roof Work	Product	Qty	Price per item	Total
Area 38ft * 50ft	Tarpaulin sheet	1900 sqft	30	57000
	Labour			20000
	Civil work			10000
	Transportation			7000
	Total			94000

PUPS Kammarpalayam				
School Roof Work	Product	Qty	Price per item	Total
Area 32ft * 50ft	Tarpaulin sheet	1600 sqft	30	48000
	Roof vertical damage tiles (replacement)	150	50	7500
	Labour			23000
	Civil work			8000
	Transportation			7000
	Total			93500

PUMS Nelvoy				
School Roof Work	Product	Qty	Price per item	Total
Area 38ft * 50ft	Tarpaulin sheet	1900 sqft	30	57000
	Roof vertical damage tiles (replacement)	100	50	5000
	Labour			25000
	Civil work			10000
	Transportation			7000
	Total			104000

PUPS Athivakkam:	Rs 94,000 /-
PUPS Kammavarpalayam:	Rs 93,500 /-
PUMS Nelvoy:	Rs 104,000 /-
Miscellaneous/Contingency	Rs 8,500 /-
TOTAL	Rs 3 Lakhs.