

Project Sugadharam Extension

Construction and Repair of Toilets in Government Schools

Oct 2018

Background:

Asha Chennai has been supporting the education at Govt schools for the last 15 years. At times we have also repaired and built new toilets at the supported schools. These have been taken up based on the needs at the schools as well as availability of donors.

In late 2016 and early 2017 Asha Chennai launched Project Sugadharam with assistance from Hyundai Glovis to construct and repair toilets at all schools supported by us in the Thiruvallur District. Asha Chennai is also working with schools in Chennai (Poorna Vidhya), Villupuram / Thiruvannamalai districts (Project Thulasi) and in Thoothukudi District (Project Pearl). The schools supported through these projects need similar work at their toilets as well.

The toilet facilities in many of the schools are inadequate. The children end up openly defecating during the break time. But with rising urbanization, in many of the schools there aren't even fields near the school. Further lack of toilet facility at middle and high schools is a major cause of girls to drop out or develop health problems as they attain puberty. Thus middle schools particularly require proper toilet facilities.

For the toilet work at schools we need the school to have the space for a new toilet or an old toilet in good enough condition to at least be repairable. Further we need support from the Panchayat, the Block officers and broadly the people from the village to be able to take up those activities. The schools/villages mentioned below offer us this supporting environment.

Asha prefers to work with villages on a long term basis. Just providing a toilet or school building to a school rarely achieves the purpose the effort sets out to achieve. Therefore we are only proposing villages/schools that we are already working with and will continue working with in the foreseeable future.

Schools/Villages to be covered:

PUPS Chidambarampatti (Project Pearl from 2017)

The school is a primary school. There are about 120 children. Asha has been providing a teachers for this school from Sept 2017 as part of Project Pearl. The HM Mrs. Rajaguru is a very motivated teacher and administrator. We have found the children from the school do well in our assessments and all the materials we provide are also used by the government teachers.

They currently have two urinals with a commode in between. These are not being used because of various problems. We are still getting details regarding this from the school. They have just one functional Urinal which is used by the girls. This is totally insufficient. The school has adequate space for new toilet building. The school would like a new toilet block for the girls and the boys will continue using the functional Urinal. The 2 urinals + commode complex will be used by

Awaiting details of why old toilet is non-functional and new toilet is required.

The photos below show the functional urinal and the non-functional uniral + commode + urinal complex.



PUMS Kumaragiri (Project Pearl from 2018)

Mr. Thirupathi the HM of the school at Kumaragiri used to be the HM at Nagalapuram and has a long history with Asha. When he was posted as the HM at Kumaragiri, he immediately requested us to support his school in some way. We have been providing a computer teacher to visit the school this academic year. The assistant teacher who has been at the school for several years is also very motivated and has taken several initiatives to improve the English level of the children.

The school has two urinal areas and one common commode similar to Chidambarampatti. The commode is shared between the boys, girls and the teachers. There is a water tank adjacent to the toilet. Water needs to be brought to it from the nearby village tank. The pipeline for this is not there. There is no plumbing at the toilets. There are no doors for the two urinal areas. The painting, tiles, etc. need to be fixed as well.



PUMS Athikinaru (Project Pearl since 2018)

This school is a middle school with 89 children. The HM is very motivated to improve her school and is very supportive of the efforts by Asha.

The toilet here is similar to that at Kumaragiri. There is one commode in the center and two urinals for boys and girls on either side. This school also doesn't have the space for a new toilet building. The flooring of the toilet and urinal here is just cement. The toilet can be maintained cleanly if the flooring is tiled. They have a water tank with hand-wash next to the toilet. However this tank is leaking and is probably beyond repair. The HM prefers a Syntex tank mounted on top of this existing old tank. They already get the water from the panchayat pipeline to fill this tank.



PUMS Kaatu Sithamboor (Project Thulasi since 2017)

This school has been supported as part of Project Thulasi from early 2017. This is a middle school with about 240 children. Three of our teachers at Project Thulasi came from this school. Further the teacher who taught them is one of the teachers who has been most actively requesting Asha's support at this school.

They currently have just one toilet building each for boys and girls that is also shared by the teachers. Each of these buildings has 2 commodes and a urinal area. This is insufficient. Further the existing toilets are also not functioning because of lack of water supply and because of sewage block problems! Ideally they should keep both the current toilets for just the boys. We would need a toilet building (with 4 commode rooms and a urinal area) for girls. They have the space required for that. The HM Mr. ??? is also willing to get the required permissions and make sure that there are no hinderances for our work.

The school has 3 borewells. But all these are not of sufficient depth and are not yielding water. We need to deepen one or two of these to supply water for these toilets.



ADWMS Nandhivaram (Poorna Vidhya since 2017)

As the name indicates this is an Adivaraider Welfare Board run school. These are also government schools but report to a different organization. The school's HM Ms. Prameela is very motivated and supportive of Asha's work. We have been providing a teacher for this school since June 2017. The school has till class 8 and has about 150 children.

The school has two toilets which are some 15 to 20 years old. The girls and boys toilet are two halves of a 20x20 asbestos roof structure. The toilet is quite dilapidated. The HM would like these reconstructed. The photos show the two toilets.



Further the school has a borewell. This doesn't yield water consistently. The motor also has frequent problems. They would like a new borewell dug along with a new motor to connect to the existing overhead tank.

Project Details and Cost Estimates

The amounts stated here are approximate. We have not gone to these places with a mason or engineer to get a detailed quote. We will do this once we get an in principle approval for some of these proposed toilets. Further the cost of construction materials (like sand, cement, bricks etc.) varies a lot with time and further weather events can cause damages that affect the cost. Since Asha has already constructed toilet complexes at Thandalam, Koppampatti (in 2017), the cost for the new toilets have been estimated for constructing toilet to the same specifications as these.

The cost of the repairs may change even more if we start the work and find that there are other problems, which we did not find earlier.

SNo	Work Description	Cost and Modification Details	Approx. Cost
New Toilets			
1	New Toilet at Chidambarampatti	12' x 10' with 3 close door toilets, urinals, watertank. Repair of existing toilet complex.	Rs 2.75 Lakhs for new toilet. Rs 75K for the repair of existing toilet complex.
2	New Toilet and borewell work at Kaatu Sithamboor	20' x 12' with 4 close door toilets, urinal, watertank and an external septic tank. Deepening of one borewell.	Rs 3.75 Lakhs for toilet complex and Rs 75,000 for borewell.
3	Reconstruction of the toilet complex and new borewell at Nandhivaram.	20' x 20' – two toilets with 2 commodes each and urinal area. Reuse existing water tank, septic tank etc.	Rs 4 Lakhs for new 20 x 20 toilet complex and Rs 75,000 for the borewell.
Toilet Repair Work			
4	Kumaragiri – 1 Toilet and 2 Urinals	Plumbing line from govt tank, doors for the Urinals, plumbing, painting and tile fixing work.	Rs 75,000
5	Athikinaru – 1 Toilet and 2 Urinals	New tiles for the floor. New water tank mounted on top of old one with related plumbing work.	Rs 50,000
	Administration (additional travel for Coordinators and minor expenses for inauguration function for the new toilets)		Rs 30,000

Fund Requirement Summary

Here we are not mentioning the total amount required. This project is being taken up in close cooperation with the donor. We will take up the activities listed above upon clearing of each individual work item with the donor. The scope may also increase as we find more schools in need of good sanitation arrangements.