



## CII & CII Foundation Kerala Rehabilitation Initiative

# PROJECT UPDATE JANUARY 2022

## BACKGROUND

Kerala witnessed the most devastating floods that wreaked havoc in the state causing massive damage to both life and livelihoods. Post the immediate relief measures for the victims of the floods, CII and CII Foundation (CIIF), in joint consultation with the State Government of Kerala undertook interventions to supplement the Government's efforts for "Nava Keralam".

Rehabilitation Initiatives were designed to bring about a perceptible change in the lives of people by building ecological and technical safeguards for improved/increased resilience, high standards of quality, thereby improving access to services and outreach to the marginalized sections of the society in the most affected geographies.

Post several discussions and meetings with different Government Departments and Senior officials, support towards education and health was identified as a priority area. A detailed survey and data collection on the damaged schools and health facilities was undertaken in coordination with district administration. The findings were submitted to the National CII Task Force on Kerala Flood Relief and Rehabilitation, Co-Chaired by Mr. Kris Gopalakrishnan, Past President, CII & Dr. Naushad Forbes, Past President, CII. The Task Force approved restoration of public infrastructure for education & health

in the Districts of Ernakulam and Thrissur.

A four Member CII & CIIF Rehabilitation Committee comprising of senior industry members from the region was constituted to provide strategic guidance for rolling out the rehabilitation interventions. The committee approved construction of one school that was declared unfit (Govt. Lower Primary School (GLPS), Kayanad) and six Public Health Centres (North Paravoor, Moothakunnam, Chittattukara, Puthuvyppu, Mulavukadu, and Avoly) for renovation/construction, with an annual outreach of approximately 5 lakh direct beneficiaries under the initiative.

The Committee also selected/approved The Centre of Science and Technology for Rural Development (COSTFORD) as the implementation partner.

MoUs for the 6 Health Centres and 1 primary school were signed on 20th November 2019.

Field visits, extensive interaction with the community, local authorities, school & hospital management, design experts, etc., were undertaken for developing and finalizing the designs for the identified interventions.

## KERALA FLOOD-DAMAGED GOVERNMENT LOWER PRIMARY SCHOOL RECONSTRUCTED WITH THE SUPPORT OF CII AND CII FOUNDATION

On 20th January, the reconstructed Government Lower Primary School, Kayanad, was inaugurated by Shri P Rajeev, the Hon'ble Minister for Industries, Law, and Coir, Government of Kerala, in the presence of Hon'ble MLA, Shri Mathew Kuzhalsadan, Muvattupuzha Constituency; Hon'ble MP, Shri Adv. Dean Kuriakose, Idukki Constituency; Mr Sreenath Vishnu, CII Kerala Chairman and Executive Director, Brahmins Foods India Private Ltd.

Speaking at the occasion, Shri P Rajeev lauded the efforts of CII and the CII Foundation for undertaking the reconstruction of the school. Shri P Rajeev said, "this is a good model for strengthening our government educational institutions in close partnership with society, industries and like-minded organizations under the leadership of the Government machinery so that more children can be attracted to the Government institutions and can provide best-in-class education". He also thanked CII and the

CII Foundation for their efforts, especially in flood relief activities and Covid-related activities. He mentioned that CII is working closely with the Industries Department with constructive suggestions and recommendations for the industrial development of the State.

The reconstructed Government Lower Primary School, Kayanad, which is the only Lower Primary School in the Marady Grama Panchayat is a 5,600 Sq ft building and consists of 5 classrooms including a pre-primary classroom; office room, recreation room, and separate toilet for girls and boys. The school has a biogas plant, rainwater harvesting facility, disabled-friendly toilets, etc. The school will meet the educational needs of more than 300 children residing in and around the Panchayat and nearby Panchayats, especially those depending on private schools outside the Panchayat.



## PROJECT OVERVIEW

CII & CIIF KERALA REHABILITATION INITIATIVE		Monthly Progress Report for the Month of January 2022																	
S/NO	Name of work	% of Progress																	
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
1	Govt. LPS Kayanad																		
2	Taluk Head Quarters Hospital, Paravoor																		
3	Govt. CHC Moothakunnam																		
4	Govt. PHC Puthuvypu																		
5	Govt. PHC Chittattukara																		
6	Govt. PHC Mulavukadu																		
7	Govt. PHC Avoly																		

### GOVT. LOWER PRIMARY SCHOOL, KAYANAD

Govt. Lower Primary School, Kayanad, is the only lower primary school in the Marady Panchayat. It was damaged and declared unfit by the Local Self Government Department (LSGD) Engineer. Previously, the school was functioning out of a rented building.

Proposed Interventions:

- Complete reconstruction of the school building.
- 6 classrooms, toilet block and administrative rooms

on the ground floor. The first floor to have one multipurpose room.

- Additional features – barrier-free enabling structures such as ramps, disabled-friendly toilets, biogas plant and wastewater treatment unit.

Status:

- Construction completed and handed over to the school.



PROJECT SCHEDULE		GOVT. LOWER PRIMARY SCHOOL, KAYANAD																				
No.	Activities	Total percentage of completion																				
		5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%	
1	Foundations and Plinth beams, etc;																					
2	RCC columns GF																					
3	Brickwork for GF																					
4	Concreting for GF roof slab and beams																					
5	Headrooms, parapets, etc;																					
6	Roof work for stair roof, FF room, etc;																					
7	Woodwork Fabrication of frames																					
8	Pointing / Plastering work																					
9	Slab & ceiling plastering																					
10	Brick batt flooring /PCC																					
11	Fabrication and fixing of shutters																					
12	Painting and white washing																					
13	Floor finishing and dadoing																					
14	Plumbing and water supply work																					
15	Electrification works																					
16	Landscaping, paving, etc;																					

## TALUK HEADQUARTER HOSPITAL, PARAVOOR

Paravoor Taluk Hospital is one of the major hospitals and the only Government hospital in the Taluk.

It is the only Government maternity hospital in the Taluk.

The objective is to upgrade the health facilities and meet the increasing health requirements in the region.

Proposed Interventions:

- Construction of Postsurgical ward.
- Construction of Gynecology ward with labour room, operation theater and ward.
- Roof trusswork work above the Operation Theater for the multi-utility area.

Status:

Post-surgical ward:

- At present R.C.C column work is completed of post-surgical ward.
- Masonry work completed - truss work fabrication is progressing.

Gynecology Ward:

- First floor RCC roof slab including stair and ramp works completed.
- Second floor RCC roof slab work completed.
- Plastering work progressing.



PROJECT SCHEDULE		TALUK HEADQUARTER HOSPITAL, PARAVOOR																	
No.	Activities	Total percentage of completion																	
Works completed		5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
<b>I Post Operative Ward</b>																			
1	Demolition of dummy columns, parapets etc;																		
2	RCC columns																		
3	Erection of roof truss at site																		
<b>II Gynecology Block</b>																			
1	Demolition of dummy columns, parapets, etc;																		
2	RCC columns FF																		
3	RCC for staircase ,ramp etc;																		
4	Concreting for FF roof slab and beams																		
5	Concreting for SF roof slab and beams																		
6	RCC columns TF																		
7	Joinery Fabrication and fixing																		
8	Masonry work for FF																		
9	Masonry work for SF																		
Ongoing Works																			
<b>I Post Operative Ward</b>																			
1	Fixing of roof truss works & Sheet laying																		
2	Masonry work																		
<b>II Gynecology Block</b>																			
1	Pointing / Plastering work																		

## COMMUNITY HEALTH CENTRE, MOOTHAKUNNAM

Community Health Centre Moothakunnam is the only Government Health Centre with in-patient facilities and 15 beds in the block panchayat.

Objective: Renovation of health facilities for improved healthcare access to the population.

Proposed Interventions:

- Transform the facility to a 'Safe & Green Health Centre' with improved resilience.
- Renovation of the existing IP Block.
- Construction of a new toilet block, after demolishing the damaged toilet block.
- Refurbishment of the existing OP Block to augment the existing facilities.
- Refurbishment of the existing PH Block to augment the existing facilities.
- Providing truss roof over the OP and PH blocks for roof slab protection and extension of facilities in the future.

Status:

- All works at In-Patient block completed.
- All works at Public Health block completed.
- Out-Patient block waiting area extension works completed.
- Demolition of toilet block completed and new construction works commenced.
- Truss roof over the OP & PH blocks is progressing.



[illegible]

## PRIMARY HEALTH CENTRE, PUTHUVYPPU

Puthuvayppu is one of the densely populated inland in the state. The Primary Health Centre (PHC) is the only Government health centre in the Panchayat. The building was totally damaged in the floods and was declared unfit. Presently the PHC is functioning in a temporary shelter in the compound.

Status:

- Foundation work completed.
- Masonry work completed.
- Plastering work is progressing.

Proposed Interventions:

- Construction of new building that is eco-friendly, energy-efficient and disaster-resilient catering to the emerging health care needs of the people and Family Health Centre.



PROJECT SCHEDULE		PRIMARY HEALTH CENTRE, PUTHUVYPPU																								
No.	Activities	Total percentage of completion																								
Works completed		5%	10%	15%	20%	25%	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%					
1	Well foundation works																									
2	Footing works																									
3	Plinth Beam works																									
4	RCC columns GF																									
5	Concreting for GF roof slab and																									
6	Masonry work for GF																									
7	Work of headroom, parapets, etc;																									
Ongoing Works																										
1	Pointing / Plastering work																									
2	Joinery fabrication and fixing																									
Works to commence																										
1	Floor finishing and dadoing																									
2	Painting and white washing																									
3	Plumbing and water supply work																									
4	Electrification works																									
5	Landscaping, paving, etc;																									



Dual Support is being provided :

- Proposed CII standalone support interventions:

- Status:

- Gap Funding:
  - Refurbishment of wards, waiting area completed. Painting work is progressing.
- CIIF Direct support:
  - Conference hall flooring work completed.
  - Biomedical waste superstructure completed and plastering completed.
  - Office room and storeroom masonry work completed.

[illegible]



Primary Health Centre Mulavukadu won the “Best PHC in State” award in the year 2010. The government has decided to upgrade this PHC to an FHC with improved infrastructural facilities that are eco-friendly and enhance disaster resilience.

Dual support is being provided:

1. Gap Funding – To supplement NHM interventions.
2. CIIF Direct support – To support upgradation of PHC to FHC by improved disaster resilience and facilities requisite for FHC.

Proposed Interventions:

- OP block renovation and truss work on the renovated OP block.

- Top up with NHM work.

Status:

- **Gap Funding:**
  - Refurbishment of waiting area for the immunization block, partition, electrification, plumbing works in OP, laboratory and pharmacy and construction of new toilet for observation ward has been completed.
- **CIIF Supported Works:**
  - Proposed truss work and painting completed.

[illegible]



A photograph of a modern building with a blue and white facade. The building has a large glass entrance with a blue metal frame. The upper part of the building is blue, and the lower part is white. There is a blue metal frame around the entrance and a blue metal frame around the upper part of the building. The building is surrounded by a blue and white fence. There are some plants and a small tree in front of the building.

- Improving the healthcare facilities and transition of the hospital to a 'Safe and Green Hospital'.
- Construction of biomedical waste management unit and infrastructural facilities for immunization room such as passage and waiting area.

- The truss works of the waiting area completed.
- Superstructure and roofing of bio medical waste management unit completed.

