



CII & CII Foundation Kerala Rehabilitation Initiative

PROJECT UPDATE SEPTEMBER 2021

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, Puthuvypu, 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 community, local authorities, school & hospital management, design experts, etc., were undertaken for developing and finalizing the designs for the identified interventions.

PROJECT OVERVIEW

CII & CIIF KERALA REHABILITATION INITIATIVE																			
Monthly Progress Report for the Month of September 2021																			
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. Presently, the school is functioning out of a rented building.

Proposed Interventions:

- Complete reconstruction of the school building.
- 6 Classrooms, toilet block and administrative rooms in ground floor. First floor to have one multipurpose room.

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

Status:

- All structural and masonry work completed.
- All plastering work completed.
- Flooring, joinery fittings, electrical and plumbing are progressing.



PROJECT SCHEDULE		GOVT. LOWER PRIMARY SCHOOL, KAYANAD																			
Status as on 31.09.2021																					
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 & celing plastering																				
10	Brick batt flooring /PCC																				
11	Fabrication and fixing of shutters																				
12	Painting and white washing																				
13	Floor finishing and daddoing																				
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 only Government hospital in the Taluk.

It is the only Government maternity hospital in the Taluk.

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 above the Operation Theater for multi-utility area.

Status:

Post Surgical ward:

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

Gynecology Ward:

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



PROJECT SCHEDULE		TALUK HEADQUARTER HOSPITAL, PARAVOOR																			
Status as on 31.09.2021																					
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%
I	Post Operative Ward																				
1	Demolition of dummy columns,																				
2	RCC columns																				
II	Gynecology Block																				
1	Demolition of dummy columns,																				
2	RCC columns FF																				
3	RCC for staircase ,ramp etc;																				
4	Concreting for FF roof slab and Beams																				
Ongoing Works																					
I	Post Operative Ward																				
1	Erection of roof truss at site																				
2	Masonry work																				
II	Gynecology Block																				
1	Shuttering, concreting of SF Columns																				

COMMUNITY HEALTH CENTRE, MOOTHAKUNNAM

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

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

Proposed Interventions:

- Transform the facility to a 'safe and green Health centre' and 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 trussroof over the OP and PH blocks for roof slab protection and extension of facilities in future.

Status:

- All works at In Patient block completed.
- All works at Public Health block completed.
- Out Patient block waiting area extension work is progressing.



PROJECT SCHEDULE		COMMUNITY HEALTH CENTRE, MOOTHAKUNNAM																			
Status as on 31.09.2021																					
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%
IP Block																					
1	Demolition, dismantling for refurbishments																				
2	Flooring and cladding works																				
3	Partition works																				
4	Electrification & Plumbing works																				
Ongoing Works																					
PH Block & OP Block																					
1	Demolition, dismantling for refurbishments																				
2	Electrification of PH Block																				
3	Extension of waiting area OP Block																				
4	Fabrication and fixing of roof truss																				
Works to commence																					
PH Block & OP Block																					
1	Roof sheet laying works																				
2	Floor finishing & daddoing works																				
3	Electrification works (OP Block)																				
4	Plumbing and water supply (OP & PH Blocks)																				
5	New Toilet Block																				

PRIMARY HEALTH CENTRE, PUTHUVYPPU

Puthuvyppu is one of the densely populated inlands 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.

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.

Status:

- The demolition of the unfit building completed.
- Well foundation work is progressing.
- Foundation work is progressing and placing rings in ring foundation has been completed.
- Steel reinforcement work progressing.
- Pile works completed.



PROJECT SCHEDULE		PRIMARY HEALTH CENTRE, PUTHUVYPPU																															
Status as on 31.09.2021																																	
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																																
Ongoing Works																																	
2	Footing works																																
3	Plinth Beam works																																
4	RCC columns GF																																
Works to commence																																	
5	Concreting for GF roof slab and Beams																																
6	Masonry work for GF																																
7	Pointing / Plastering work																																
8	Work of headroom, parapets, etc;																																
9	Floor finishing and daddoing																																
10	Joinery fabrication and fixing																																
11	Painting and white washing																																
12	Plumbing and water supply work																																
13	Electrification works																																
14	Landscaping, paving, etc;																																

PRIMARY HEALTH CENTRE, CHITTATTUKARA

Chittattukara Primary Health Center is one of the oldest Health Centres in the panchayat and caters to health care requirements of nearly 25,000 people.

The objective of the work is to upgrade the PHC to Family Health centre (FHC) with improved facilities that are eco-friendly and enhance disaster resilience.

Dual Support is being provided

1. Gap Funding – To supplement NHM interventions.
2. CIIF standalone support – identify, renovate and construct interventions to upgrade the facility from a PHC to FHC.

Proposed CII standalone support interventions:

- Upgrade the facility into a FHC with the following facilities such as Yoga hall/Conference hall, waiting area and construction of new toilets.

- Integrating components of disaster resilience and barrier free structures.

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.



PROJECT SCHEDULE		PRIMARY HEALTH CENTRE, CHITTATTUKARA																			
Status as on 31.09.2021																					
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	Fabrication and installation of staircase																				
2	Brickwork & partition walls																				
3	False Ceiling works																				
4	Pointing / Plastering work																				
5	Floor finishing and daddoing																				
6	Wood work fabrication and fixing																				
7	Painting and white washing																				
8	Plumbing and water Supply work																				
9	Electrification works																				
10	Partition works																				
11	Minor painting works																				

PRIMARY HEALTH CENTRE, MULAVUKADU

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.



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PRIMARY HEALTH CENTER, AVOLY

Government of Kerala has selected PHC Avoly for upgrading the existing PHC to FHC. It is the only PHC in this area catering to the health needs of the people.

Proposed Interventions:

- 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.

Status:

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

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