

Annexure- B4

Makeshift Clinic for COVID-19 Patients at J. P. Hospital, Bhopal, Madhya Pradesh

Makeshift hospital / housing technology is a remarkable research development for immediate preparedness in event of pandemic outbreak / post disaster rehabilitation. The technology for 'makeshift hospitals/housing' can be utilized at large scale for erecting single or connected units of structures for setting up temporary hospitals, check-up camps and quarantine facility. The proposed structures can also be used for other purposes like pulse polio camps, blood donations camps, flood and earthquake relief camps, temporary housing in event of other natural disasters.

The fabrication of the structure makes use of prefabricated steel portals having features like foldable, easily erectable, reusable, safe, serviceable, comfort to the occupants and cost-effectiveness. It can be optimized for space utilization, scalable and appealing aesthetics. The erection of structure makes use of semi-skilled manpower for erection and hence provides opportunities for employment generation.

The technology for makeshift hospital/clinic/housing has been developed jointly by CSIR-Central Building Research Institute, Roorkee and CSIR-Advanced Materials and Processes Research Institute, Bhopal. Both the institutions have legacy of serving the nation through technological interventions for decades.

The technology/ Know how was transferred on June 29, 2020 to Shri Narendra Singh Jaggi M/s J. T. & Services, Bhopal.

M. P. Council of Science and Technology, Bhopal has supported the demonstration of the makeshift clinic by identifying the place with the help of Health department, Govt. of Madhya Pradesh and funding the program. The makeshift clinic has been constructed and demonstrated at J. P. Hospital, Bhopal.