Design response for emergency infectious disease Health Care Facility in the eye of COVID-19: "PROJECT MANAGEMENT OF FIELD HOSPITAL" **RESULT & ABSTRACT CONCLUSION:** RIO 27th World Congress of Architects **DISCUSSION:** is paper described and discuss the phenomena as a project management approach to achieve the objectives in the provision of a design brief for the design of Although none of the proposals were neither turn down Dr. NAJAH MD ALWI³. Ar. RUSHDINA ISMAIL² a field hospital for infectious disease as a facility in a day and Initially, the exercise posted on the 3rd day to acquire schematic designs from architects within two days as that the design proposals were tabled to the national of the MCO was received well by the members security council together with onward recommendations. examples in the decision making process by Malaysian National of the institute and outside architects who najah.alwi@gmail.com,rushdina.ar@gmail.com Security Council (MKN). specialised in healthcare projects. However, due to the time constraint and probably lack o An explorative method in retrieving data from the phenomena f quick data on this non-typical project and qualify themwith the literature of precedent studies be called for aid only after the government has worn typology-field hospital/quarantine centre, and best practice were adopted, apart from addressing off their resources. only seven (7) firms finally submitted the the legitimacy of the process as per the institute and The country, upon the aftermath of the design exercise, proposals on Sunday evening and Monday Board of Architects protocol. the morning of 23 March 2020. MALAYSIA'S in preparation for the surge of the pandemic cases through re-adaptive reuse of existing public residential The brief was to design standalone hospitals for infectious disease that detect the disease; contained it; keep the medical The team made a quick assessment of the and health staff safe from harm, and able to accommodate Wan Siti Hajar, Zarina Ibrahim, Raja Aja, Seven proposals based on the project brief. centres. Despite the handicap of no able to give aid to the country where Architects do best, DESIGN, creative adrenaline EXPERIENCE those infected within the available resources of the Malaysiar Perhaps due to the broad requirements of the ectious Disease I aligned effort of the government to voluntarily take up tasks for technical assessment of the gazetted premises as brief with no specific site and cost, Perunding Alam Bina- Ar David Teoh; Karya Studio-Ar Hazazi; and HXN Architects- Ar Nik Amirul Faiz. The result was seven exemplar ideas contribution from members the proposals submitted covers a variety of quarantine centres. designed within the 12 hours of launching, meeting the need target approaches and make. Considering the effort These acts showed that given the grave urgency of the COVID-19 situation in the country to provide adequate of Mercy Malaysia on readiness.It shows that given the grave INTRODUCTION: driven by these architects/designers were voluntary, urgency of the COVID-19 situation to provide adequate hospital beds, the seven submissions were generally a quick response by the institute has acquired a positive response the institute, have acquired a positive response from The pandemic pulsate in all corners of the world commented not solely base on the project brief but the members and beyond. from the members. what each project focuses on. Thus, all proposals and Malaysia is not excluded. This poster shares For better or worse, there are architects in whichever sector, The institute may be called for aid after the government were submitted to the National Security Country BIBLIOGRAPHY / REFERRENCES including academia, in the eye of COVID-19 or any calamity, effort made by selfless architects in the are ready to serve. has worn off their resources. through MERCY Malaysia for Eye of COVID-19, how creativity churned in For better or worse, there are architects their deliberation and decision. in the eye of COVID-19 or any calamity, times of need. **METHODOLOGY:** 19 mar 20 mar 23Mar 25Jan TIMELINE ACTIONS TOTAL RESULT IN day action **Establishment** | Issue/ Problems Arising **'20 5 DAYS ACTION** '20 OUTCOME In managing the process of an Task delegation – Mum and Mus to get unprecedented project within a Received submission PAM volunteers among those who had space of 4 days, the team adopted from the Architects done hospitals to design with Aja to confirm an explorative method to gather Context & Constraint of Project General Assessment per Brief from each architect called First Arrival case to Malaysia data from the emerging phenomena exemplar Discuss with PAM president Norwina to do the brief; Ridha advise on council and history and qualify were confirmed among travellers Lilian, Abu Zarim, Thiri them with both medical and from China in Johor via Singapore Amzar and Alvin with Zarina design technical literature of precedent studies and best practice apart from addressing the legitimacy of the process as per the institute and ideas Problem>Strategy>Action>Management>Impact>Evaluation Board of Architects protocol. exemplar ideas MANAGING 19 mar 21 apr 22 apr 18Mar contribution from 21 mar members designed PANDEMIC within the 12 hours of launching meeting the need target Calls for 2 days action of Mercy Malaysia on **MOVEMENT CONTROL ORDER** day action Outcome & Design via ONLINE Imposed a nationwide lockdown Approved brief of field hospital in preparation by Architects principal and issue to parties & answering queries Comprehensive proposal from zoning concepts, A detail concoction of spatial concepts relating Conceptual rendition of spatial zoning, A cheerful idea of easy to install village Conceptual idea on using army barracks. As an instant hospital with maximum of 225 beds, as a quick solution to 'Isolate' material use and quick installation to the severity of the facility stringent camp concept that address the stringent massing and to detail layout and images need of the facility in open ground with first the bulk of patients which will later requirements on the massing and the buildability on green open field. of the proposed facility on an open ground adhere to daylight and views of the outside world. of the units to meet the minimum and probable be filtered according to severity or natural surroundings. expansion within an open ground

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APPROACHES TO DESIGN:

Assessment | Field and Establishing

Planning | Devising Strategy Plan to overcome the obstacles to achieve the aim and maximise impact, based on the time, cost and risk factor (of disaster).

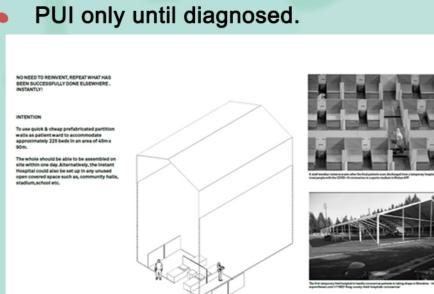
Convergence | (Team), Technical, Volunteers

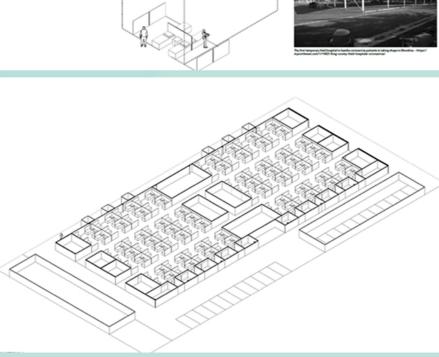
Mobilisation | Field Support/ Strategic Support

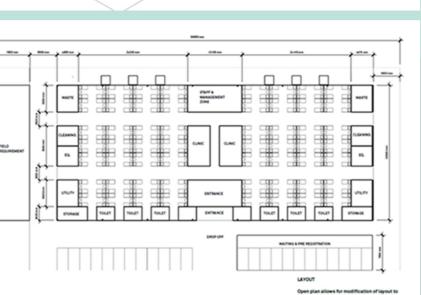
Deployment | Site Implementation & Execution of Plant

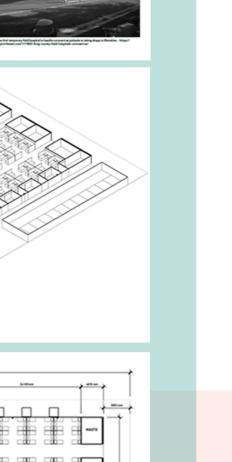
Diagram of Methodology, Activity & Project Flow Chart.

recovery. The patients are not necessary confirm covid-19 but regard as

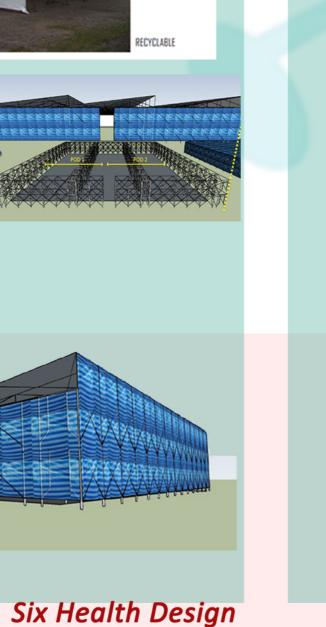


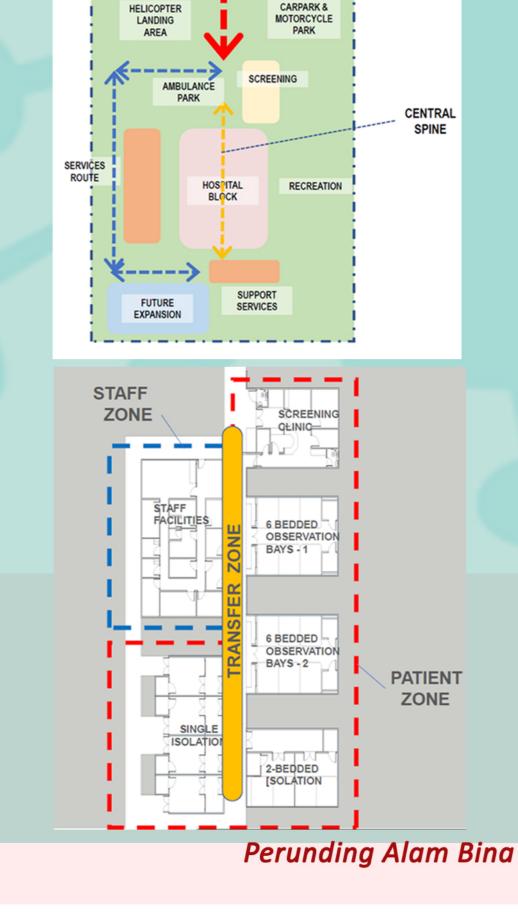




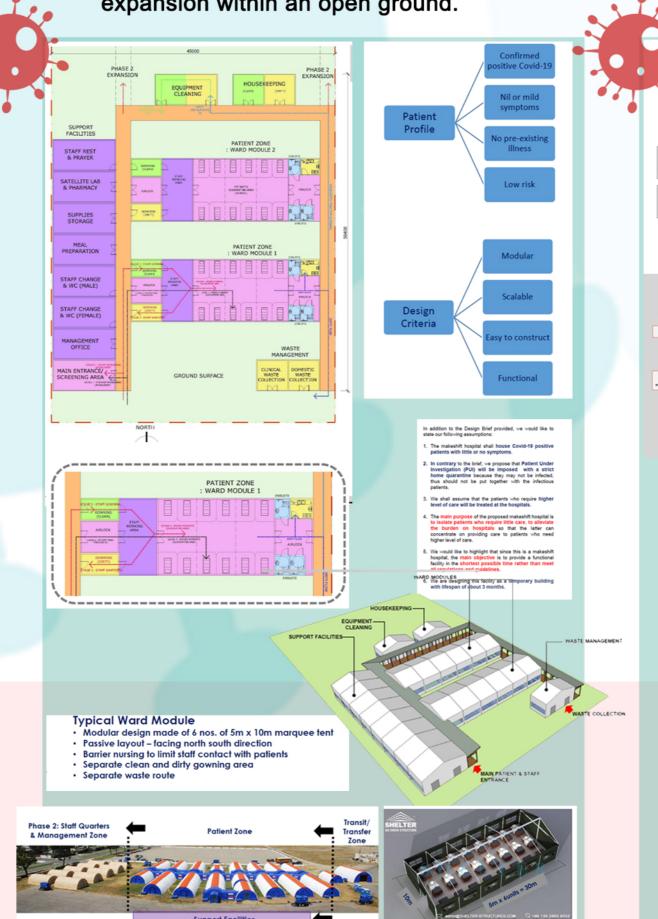


A longer term strategy





CARPARK & MOTORCYCLE



Mediconsult Sdn Bhd





IN ATTENDING COVID-19 PATIENT

M&R Architects Sdn Bhd

KARYASTUDIO

HXN Architects