

PRESS RELEASE



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Quality Building Award 2020 – MVA participation in the project Hong Kong Children's Hospital



Photo source: Cundall

The results of Quality Building Award (QBA) 2020 were announced and presented on 2nd June, 2021.

Hong Kong Children's Hospital (HKCH) has been awarded as the winner of the Quality Excellence Award and the Grand Award of Hong Kong Non-Residential (New Building – Government, Institution of Community) Category, scooped the highest accolade alongside five other outstanding projects.

HKCH's construction commenced in 2013 and started operating in 2018. It is the largest design and construction project to date from the Architectural Service Department (ASD), Hong Kong Government. HKCH is the first hospital in Hong Kong specialised in child-centric tertiary care to children with serious and life-threatening illness.

The design concept of the HKCH is to provide a home-like, child-friendly and comfortable environment to cater for the needs of the patients and their families. It comprises of two 11-storey towers with a total of 468 beds for in-patient and day-patient services. The 2-storey basement was constructed for carpark, 2 link bridges were built connecting the towers, in which one of the bridges, spanning about 63.1m at 9/F, is the Hong Kong's longest link bridges, over 46m height above ground level.

SYSTRA MVA as the Traffic Consultant

SYSTRA MVA provided professional traffic engineering and transport planning consultancy services for the design and construction for HKCH, undertaking detailed internal transport analysis to support the General Building Plans submissions based on the scheme design submitted and prepared detailed traffic impact assessment (TIA) report in accordance with the architectural requirements. MVA also prepared traffic engineering inputs for Hoarding Plan Submission, carried out the temporary traffic management scheme (TTMS) submission for external utilities connections and provided traffic forecast for environmental impact assessment (EIA).

Key Solutions:

- Traffic Impact Assessment (TIA)
- Traffic Forecast
- Traffic Engineering inputs to Environmental Impact Assessment (EIA)
- General Building Plan (GBP) and Hoarding Plan submissions
- Construction Traffic Impact and Temporary Traffic Management (TTM) measures

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About SYSTRA

SYSTRA is one of the world's leading engineering and consulting groups specialised in public transport and mobility solutions. For more than 60 years, the Group has been involved with cities and regions in order to contribute to their development by creating, improving and modernising their transport infrastructures. The magazine Engineering News-Record ranks SYSTRA among the top five international engineering firms specialised in 'Mass Transit & Rail', and among the 50 largest engineering firms in the world. Supported by its 7,300 employees, the Group's mission is to make travel more fluid throughout the world, in order to bring territories closer together and facilitate access to employment, education and leisure. A signature team for transport solutions, SYSTRA accompanies its partners and clients throughout the lifecycle of their projects.

About SYSTRA MVA

MVA, a SYSTRA Group company, is a global transportation specialist and leading market research consultancy with its operation established in Asia since 1970s. Its Asia headquarters, located in Hong Kong, operates through offices in Mainland China, Singapore, Thailand and other various project offices across the region. MVA offers a complete range of integrated solutions - traffic engineering, transport planning + modelling and smart mobility consultancy services. MVA work closely with governments, NGOs, operators, financial institutions, developers, architects, planners, engineers and contractors, in both public and private sectors. MVA is experienced in providing consultancy services from initial concept stages, through planning, feasibility, design and construction.

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