



Date: 30 January 2018

SANWAH CONSTRUCTION PTE LTD
28 Sin Ming Lane
#08-147 Midview City
Singapore 573972

Attn: Mr Anthony Ong

Dear Sir,

DESIGN AND BUILD FOR THE PROPOSED ERECTION OF A 2-STOREY CHILDCARE CENTRE FOR SKOOL4KIDZ PTE LTD ON LOTS 02502M AND 05018K MK21 AT SENGKANG RIVERSIDE PARK SINGAPORE 544834 (SENGKANG PLANNING AREA)

We refer to the above project awarded to SANWAH CONSTRUCTION PTE LTD on 04 January 2017 as the Design and Build Main Contractor with a contract sum S\$8,500,000.00.

This is a highly profiled and challenging project that was featured in the CNA news as well as the Singapore Prime Minister Lee Hsien Loong's National Day 2017 Rally speech. When completed, it will be one of the four new mega child care center that is four times the size of an average childcare center and housing 400 children between the age of two month old and six year old. It will also be the first large childcare center to be developed within an existing NPark's Sengkang Riverside Park - situated in the middle of a very developed and built-up Sengkang estate. The new child care center have an extensive amount of classrooms, activity rooms, multiple indoor and outdoor learning spaces such Butterfly Lodge and onsite gardens from which fresh food be taken from for the children snacks and meals.

It is thus no surprise that the project is constantly under the scrutiny of both the stakeholders, relevant authorities and public; from the onset of conceptual studies to the eventual realization of the design. The intricate detailing of the center was carefully and meticulously thought through in making the center attractive, vibrant, comprehensive and safe for all the users - especially our children.

The technical and engineering aspect of the design are therefore very challenging with the above challenging project background and requirements - particularly on the green curve roof encompassing the complex. The engineering details requires precision on the members' fabrication and connection provisions, extensive coordination on the logistical transport of the frame modules and the complexity of the fitting process during steel roof launching.

The green curve roof design of the center is made up of multiple curved structural steel ribs; (1) each rib spanning at least 24-36m long, (2) each being different from the other and (3) each being meticulously made up with individual smaller curved steel segment to be connected on site. It's connection and detailing that directly impact the water tightness, roof maintenance accessibility, mounted auto irrigation and fertigation system.

Furthermore, this is a fast-track project that was constructed and commissioned within nine (9) months as the center is due to commence its student intake from February 2018.

We note your team's strong technical knowledge, effective project management and precise construction methodology in the execution of the project. You have also displayed the necessary flexibility in overcoming the various challenges faced during project duration. All of the above have led the team successfully to the completion of this project, in good speed and good quality.

We thank your organization for the stellar performance displayed in the project execution and look forward to future project collaborations with your esteemed organization.

Thank you.

Your faithfully,

Mr Timothy
Skool4kidz Pte Ltd



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