

WEBINAR

CONSTRUCTION AND GEOTECHNICAL CHALLENGES OF THE SPRM NEW HQ PROJECT IN PUTRAJAYA

BEM APPROVED CPD/PDP: 2 (Applying)

REF. NO.: Applying

Geotechnical Engineering Technical Division

This award winning landmark project with very tight construction schedule was completed on 18th July 2017, more than 5 months ahead of time with the Qlassic score of 81% and within budgeted cost. On top of that 5.5 million Total Man Hour without Loss Time Injury has been achieved. Extraordinary architecture featured three (3) elevated high office towers, seven (7) levels of podium and one –level sub-basement . All the three (3) blocks were supported by a series of inclined freestanding 2.0m and 2.5m diameter mega columns ranging from 28m to 40m in height, without any intermediate bracing. These inclined freestanding mega columns were designed to support the transfer slab ranging from 1.2m to 1.8m thick at the height of 28m to 40m above ground level. For each tower the horizontal different from level 8 to rooftop was about 4.5m to 5.5m outward. This make the building structure inclined together with the unitized glass panel. Beside the inclination , the curvature façade creates the glass panel to be distorted. The presentation will highlight the main challenges encountered and shared the many innovations created to overcome these challenges:

- 1) Foundation issues (Hard Rock Encounter)
- 2) Inclined mega column
- 3) Unitized Curtain Wall on Twisted Facade

SPEAKER

ZAINAL ABIDIN ABDULLAH
Project Manager
KLCC Projeks Sdn Bhd



Mr Zainal Abidin is a maestro in project management. He has been with KLCC Projeks Sdn Bhd since 2014. Exceptional ability to manage and facilitate multi-disciplinary project teams and stakeholders. Among his proven track record is the successful delivery of the iconic landmark MACC New Headquarters project in Putrajaya. Currently, he is the Project Manager for a new development in Ampang, Kuala Lumpur. Graduated from University of Technology, Malaysia (UTM) in 1990 with Bachelor Degree in Civil Engineering. He has accumulated 30 years of working experience in the construction industry which includes IBS Specialist, Civil & Structure Consultant and Contractor.

Wednesday | 22 July 2020 | 2PM – 4PM

Free admission for members | Register online