



# TWT DESIGN SDN BHD

Together We Thrive

## Contact us

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## INTRODUCTION

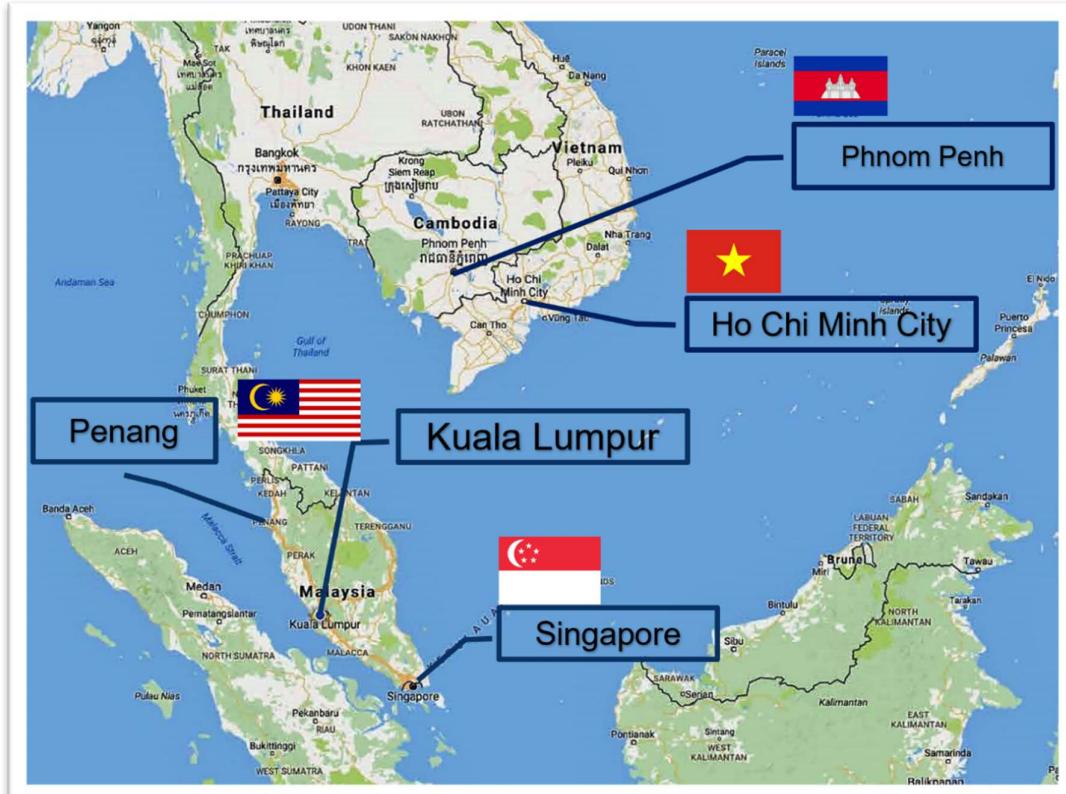
**TWT Design Sdn. Bhd.**, formerly known as **TWT Consult**, was established in 2013 by a group of experienced practicing civil & structural engineers with the objective of providing clients and architects a sound, innovative and optimized engineering solution within the budget and timeframe set-out by the project team driver taking care of buildability and sustainability. For every project undertaken, we maintain a high level value-engineering practice using state-of-the-art 3-dimensional engineering modelling tools to simulate the structural behaviour.

With dedicated principal and associates personal and direct involvement for every project, **TWT** is committed to provide top quality services, with efficient and economical design to its clients, from Public and Private Sector, from conventional contractors to EPC turn-key contractors.

Apart from Malaysia's head office located at Petaling Jaya, we also extended our presence to Singapore, Phnom Penh and Ho Chi Minh City. **TWT Design Consultant (Vietnam) Co. Ltd.** was established in 2016 with Civil & Structure, Mechanical & Electrical Engineering and project management consultancy Services.

**TWT** also collaborate with overseas consulting architects and engineers in Singapore, Vietnam and Cambodia for the projects out of Malaysia in the region.

Further details : <http://www.twt.com.my/>





**Office Addresses:**

*Head Office:*

Unit C-2-11, Centum @ Oasis Corporate Park, No. 2, Jalan PJU 1A/2, Ara Damansara, 47301 Petaling Jaya, Selangor Darul Ehsan, Malaysia. Tel: +(60)3 7610 3412; Fax: +(60)3 7610 3420.

*Penang Branch Office:*

No. 16-1, Jalan Vervea 9, Vervea, Simpang Ampat 14110, Pulau Pinang, Malaysia.

*Vietnam Branch Office:*

Unit SAV 10.02, The Sun Avenue Tower 8, No. 28, Mai Chi Tho Street, An Phu Ward, District 2, Ho Chi Minh City, Vietnam. Tel: +(84) 28 3821 4986

*Cambodia (Rep Office):*

SOHO #19-50. The Bridge No. 14, Street 78, Sangkat Tonle Bassac, Khan Chamkarmorn, Phnom Penh 120101, Cambodia. Tel: +(855) 8163 8227

*Singapore (Rep Office):*

Block 22, Woodlands Link, #02-21 Singapore 738734. Tel: +(65) 9648 2896



*Our Tag-line: Together We Thrive*

## **TWT Mission Statement**

**To uphold Professionalism in Civil Engineering Practice for the**

- growth of employees,**
- advancement of the industry,**
- development of our Nation & Society, and**
- sustainability of mankind.**

Our bonded obligations as a Civil Engineer to act and practice Professionally. Professionalism in Civil Engineering Practice means we abide to the Code of Professional Conduct of a Registered Person in our practice. We shall discharge our duties with complete fidelity to our Clients, project stakeholders and the general public. Committed to deliver our best quality service by highly competent personnel, TWT engineers also hold paramount the safety, health and interest of the public while adhering to environmental sustainability principle.

Growth of an employee is the consequent of a series of achievements through a constant improvement in efficiency and productivity of day-to-day work by right & positive attitude, dedication and pro-active involvements to deliver excellent quality service. Our employees are motivated through the guiding principles depicted in the word **T.H.R.I.V.E.:**

- T:** Thankfulness
- H:** Humility/ Humbleness
- R:** Reflection
- I:** Innovation
- V:** Virtues
- E:** Efforts



## OUR ORGANISATION

### Directors/ Partners:

#### 1. Ir. Thiew Ming Day

- Bachelor of Engineering (Hons.) from University Malaya.
- More than 30 years of design experience as civil & structural consultant.
- P.Eng. (with Practicing License), M.I.E.M.

#### 2. Ir. Wong Kuok Yong

- Bachelor of Engineering (Hons.) from University Malaya.
- More than 25 years of engineering design and project management in high-rise and deep excavation projects.
- P.Eng., M.I.E.M, A.C.P.E..

#### 3. Mr. Teng Seng Loong

- Bachelor of Engineering (Hons.) from University Malaya.
- More than 25 years of design experience as civil & structural, precast (IBS) and bridge consultant.

#### 4. Ir. Ch'ng Huey Khim

- Bachelor of Engineering (Hons.) from University Tunku Abdul Rahman
- 13 years of design experience as civil & structural engineer.
- P.Eng. (with Practicing License), M.I.E.M.

### Associates & Senior Engineers:

#### 5. Ir. Choong Chee Khin

- Bachelor of Engineering (Hons.) from University Malaya.
- More than 25 years of design experience as civil engineer.
- P.Eng. (with Practicing License), M.I.E.M.



6. Ir. Tie King Bang

- Bachelor of Engineering (Hons.) from University Science Malaysia.
- 17 years of design experience as post tensioning structural consultant.
- P.Eng., M.I.E.M.

7. Mr. Tan Way Tiong

- Bachelor of Engineering (Hons.) from University Science Malaysia.
- More than 20 years of design experience as civil & structural engineer.

8. Mr. Tan Boon Chew

- Master of Structural Eng. & Constructions, University Putra Malaysia
- Bachelor of Eng.(Hons)(Civil), UTM
- Diploma in Civil Engineering, Polytechnic Ungku Omar
- More than 25 years of design experience as civil & structural engineer.

9. Mr. Tho Wai Kuan

- Bachelor of Engineering (Hons.) from University of Malaya.
- More than 25 years of design experience as civil & structural and bridge consultant.

10. Ms. Chew Chiau Ling

- Bachelor of Engineering (Hons.) from University Technology Malaysia.
- More than 20 years of design experience as a civil and infra-structure engineer.

11. Mr. Alan Ee Thiam Hock

- Bachelor of Engineering (Hons.) from University Putra Malaysia
- Master of Engineering from NUS.
- More than 20 years practice as a geotechnical engineer.

12. Pn. Aina Afzan Bt. Amin Nudin

- Bachelor of Engineering (Hons.) from University Malaya
- More than 15 years of design experience as a civil and infra-structure engineer.



### **Geotechnical Specialist Engineers:**

13. Ir. Dr. How You Chuan,

- Bachelor of Engineering (Hons.) from University Malaya
- Ph.D. from National University of Singapore
- More than 25 years experience as Geotechnical engineer.
- M.I.E.M., P.Eng. (with Practicing License)

14. Ir. Yap Kim Chuan,

- Bachelor of Engineering (Hons.) from University Malaya
- More than 25 years experience as Geotechnical engineer.
- M.I.E.M., P.Eng. (with Practicing License)

### **Vietnam Office Deputy General Directors:**

1. Engr. Nguyen Quoc Khanh

- Bachelor of Engineering (Hons.) from University of Viet Nam
- Master of Engineering (2006)
- Civil and Structural Design Certificate No. BXD-00033559 (2018-2023)
- 17 years of design experience as a civil & structural engineer.

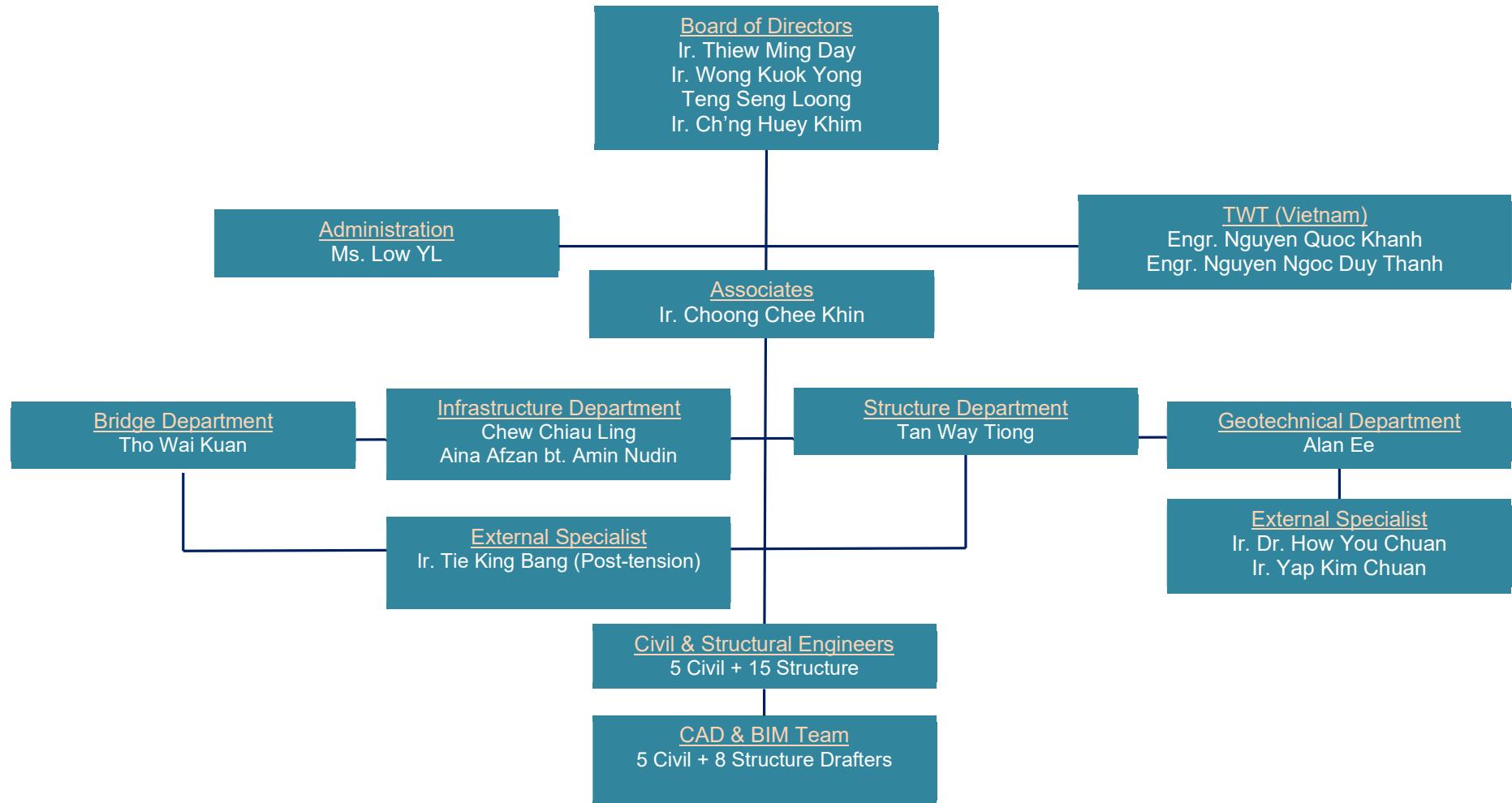
2. Engr. Nguyen Ngoc Duy Thanh

- Bachelor of Engineering (Hons.) from University of Viet Nam
- Master of Engineering (2009)
- Civil and Structural Design Certificate No. BXD-00033558 (2018-2023)
- 15 years of design experience as a civil & structural engineer.

Technical Staff: 4 Directors/Partners, 9 Professional Engineers, 12 Engineers and 15 CAD + BIM



## Organizational Chart

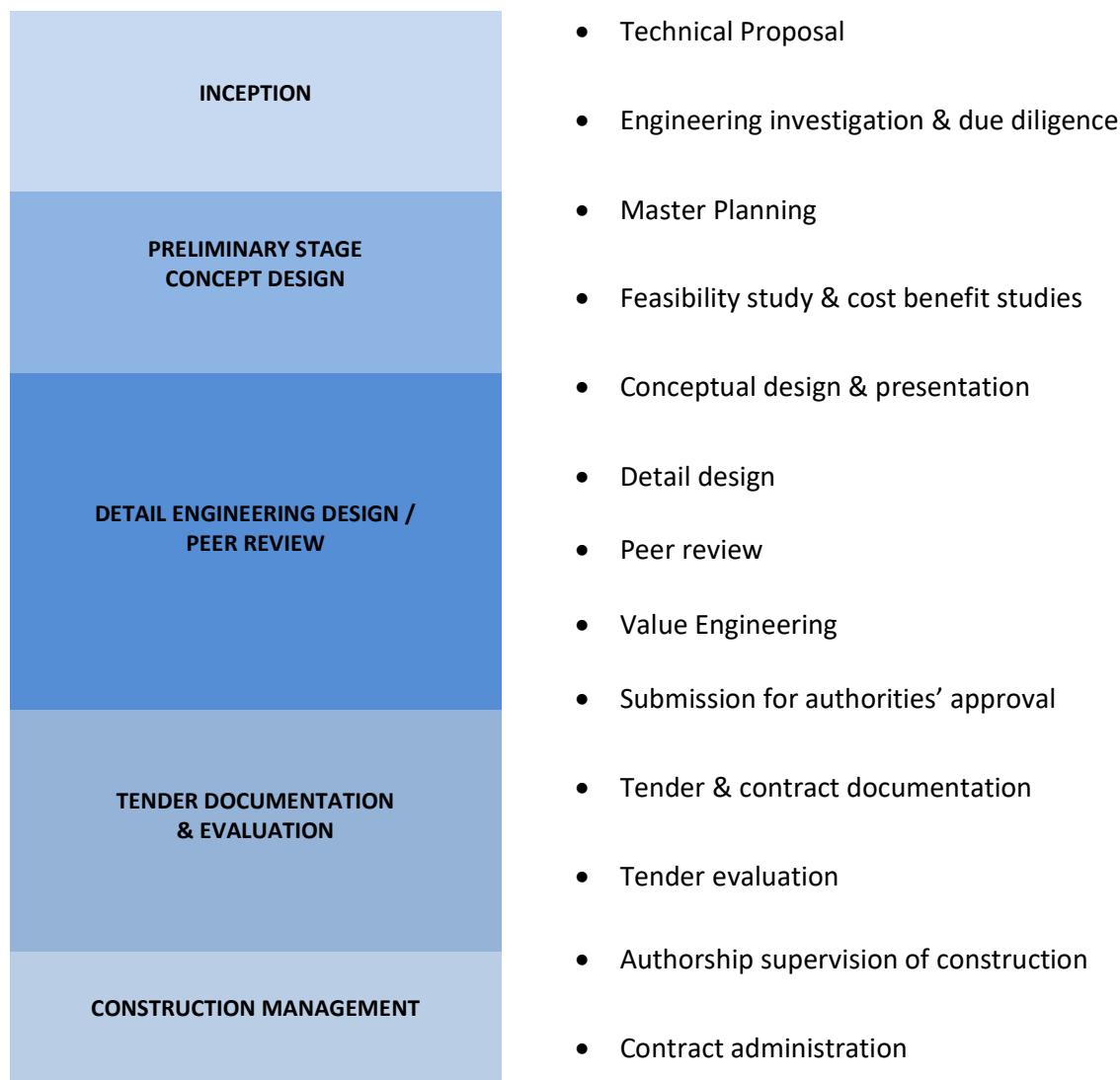




## PROFESSIONAL SERVICES PROVIDED

TWT offers professional services covering Structural, Civil, Infrastructure, Bridge & Geotechnical engineering works.

A full range of such services cover the following:





## SELECTED PROJECT REFERENCES



## PROJECT REFERENCES

Selected Key-Projects undertaken		
<u>Project Status / Scope of Work</u>	<u>Projects</u>	<u>Total Project Value</u>
<b>Hospital &amp; Healthcare</b>		
Construction C&S Engineer	Public Hospital at Pasir Gudang, Bandar Seri Alam, Mukim Plentong, Johor Bahru, Johor for Ministry of Health Malaysia. 	~RM300Mil
Construction C&S Engineer	Public Specialist Hospital with 14-storey extension building (216 beds) with 1 mechanical basement and 6-storey carparks at part of Lot 257, Jalan Residensi, Seksyen 3, Daerah Timor Laut, Mukim Georgetown, Pulau Pinang for Ministry of Health Malaysia. 	~RM350Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2023 C&S Engineer	<p>Proposed Development of <b>CYBERJAYA HOSPITAL (288 BEDS)</b> On Lot 47686 and H.S.(D) 28779 PT NO. 41461 at Persiaran Multimedia, Cyber 11, Cyberjaya, Mukim Dengkil, Daerah Sepang, Selangor ('Design &amp; Built')</p> 	RM250 Mil
Completed 2018 Structure Engineer	<p>CADANGAN MEMBINA DAN MENYIAPKAN BLOK TAMBAHAN <b>HOSPITAL JELI (7 TINGKAT)</b> DI ATAS SEBAHAGIAN TAPAK PUSAT KESIHATAN JELI LOT 2349, DI ATAS SEBAHAGIAN TANAH SELUAS 4.056 HEKTAR, MUKIM JELI TEPI SUNGAI, DAERAH JELI, KELANTAN.</p> <ul style="list-style-type: none"> <li>• Proposed extension block to the existing Hospital at Jeli, Kelantan;</li> <li>• Main Contractor – NUKIMA Sdn. Bhd.</li> <li>• TWT as superstructure designer for IBS system, by using in-situ column + precast beam + precast half slab;</li> <li>• Project was completed and handed over at the end of 2015.</li> </ul> 	~RM 60 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed Structure Engineer	<p>CADANGAN PEMBINAAN HOSPITAL 110 KATIL (REKA DAN BINA), FASA 1B: KERJA BANGUNAN DAN LAIN-LAIN KERJA BERKAITAN, DI DAERAH DUNGUN, TERENGGANU.</p> <ul style="list-style-type: none"> <li>• Proposed new 110 beds hospital at Dungun, Terengganu;</li> <li>• Main Contractor – NUKIMA Sdn. Bhd.</li> <li>• TWT as superstructure designer for IBS system, using precast columns + precast beams + precast half slabs;</li> <li>• Project will be completed in the second half of 2019.</li> </ul> 	~ RM 125 Mil
Completed Structure Engineer	<p>CADANGAN MEMBINA DAN MENYIAPKAN BLOK WANITA DAN KANAK-KANAK &amp; PUSAT KARDIOLOGI DAN KARDIOTHORASIK, HOSPITAL RAJA PERMAISURI Bайдун, IPOH, PERAK DARUL RIDZUAN.</p> <ul style="list-style-type: none"> <li>• Proposed extension block to the existing Hospital at Ipoh, Perak;</li> <li>• Main Contractor – KAMALBINA Sdn. Bhd.</li> <li>• Original C&amp;S engineer – G&amp;P Professional Sdn Bhd;</li> <li>• TWT as shop drawings producer for IBS system, using in-situ columns + precast beams + precast half slabs;</li> <li>• Project was completed in the second half of 2017.</li> </ul>	~RM 250 Mil

## PROJECT REFERENCES

<p>Completed Structure Engineer</p> <p>CADANGAN MEMBINA DAN MENYIAPKAN BLOK HOSPITAL PENGAJAR UNIVERSITI SULTAN ZAINAL ABIDIN (UNISZA) 6 TINGKAT DI ATAS TANAH KERAJAAN SELUAS 17.91 EKAR (72,479.88 MP), MUKIM KUALA NERUS, DAERAH KUALA NERUS, TERENGGANU DARUL IMAN.</p> <ul style="list-style-type: none"> <li>• Proposed new 200 beds hospital at Kuala Nerus, Terengganu;</li> <li>• Main Contractor – GPQ Sdn. Bhd, JV with Pesona Metro Holdings Bhd.</li> <li>• Original C&amp;S engineer – Azman, Lim &amp; Associates Sdn. Bhd.;</li> <li>• TWT as superstructure designer for IBS system, using precast columns + precast beams + precast half slabs;</li> </ul>		<p>~ RM 314 Mil</p>
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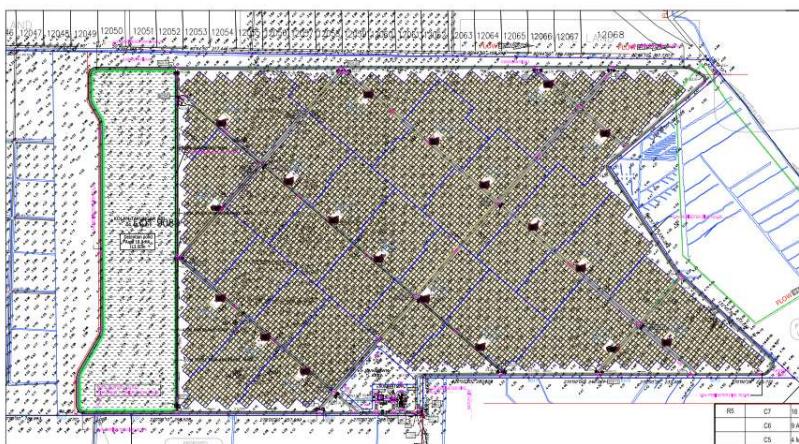
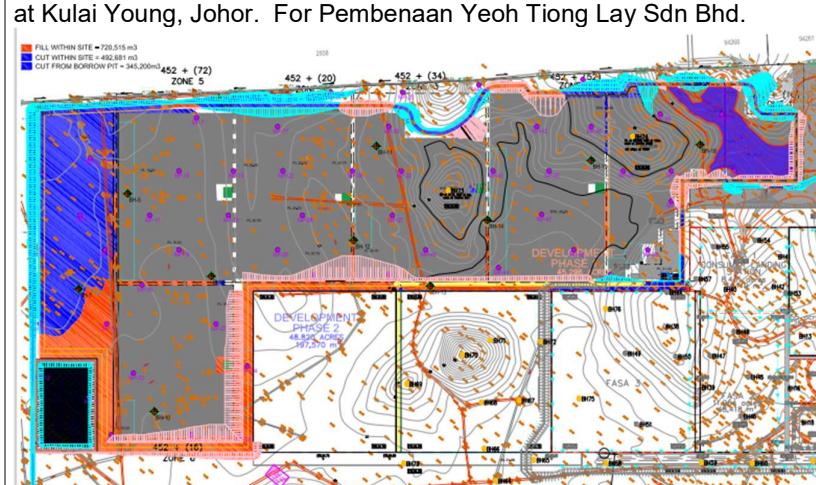


## PROJECT REFERENCES

Selected Key-Projects undertaken		
<u>Project Status / Scope of Work</u>	<u>Projects</u>	<u>Total Project Value</u>
<b>Master-planning and Infra-structure Works</b>		
Tender Stage	<p>4-Storey <b>Data Centre</b> (16MW) Phase 1, 2 &amp; 3 on Lot 48008 (PT12167) at Persiaran Cyber Point Selatan Cyberjaya, Mukim Dengkil, Sepang, Selangor for M/S STT GDC Malaysia Sdn. Bhd.</p> 	~RM500mil
BP Submission/ Tender	<p>3-Storey Data Centre (16 MW) at Lot/PTD 32665 (Lot Baru 29748), Persiaran Digital Perdana, Taman Teknologi (STeP), Mukim Bukit Batu, Daerah Kulai, Johor Darul Ta'zim For M/S GDC Data Sdn.Bhd.</p> 	~RM500mil
Planning Stage	<p>PROPOSED DATA CENTRE AT LOT PT 13797, MRANTI PARK, BUKIT JALIL, KUALA LUMPUR, MALAYSIA UNTUK TETUAN STT GDC MALAYSIA 2 SDN. BHD.</p>	~RM6.0Bil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Commissioning	<p>EPCC of <b>100MWAC Large-Scale-Solar Photovoltaic Plant</b> over the 300 Ac. Land held under PN257319, Lot 9089 Mukim Beriah, Daerah Kerian, Perak. For M/S Kerian Solar Sdn.Bhd.</p> 	~RM250Mil
Planning Stage	<p>Masterplan of <b>300MW Solar Farm</b>, Industrial Plots and 275kV TNB Switching Station on Lot 2939 and 3564 Mukim Kulai, Johor for YTL Power International Bhd.</p> 	
Tender Stage	<p>Phase 1 – Design, Construction, Supply, Installation, Testing and Commissioning of <b>50 MWac Large Scale Solar Farm</b> For Industrial Park at Kulai Young, Johor. For Pembinaan Yeoh Tiong Lay Sdn Bhd.</p> 	



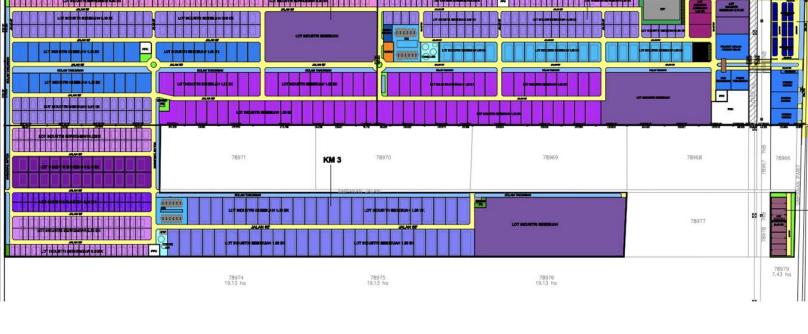
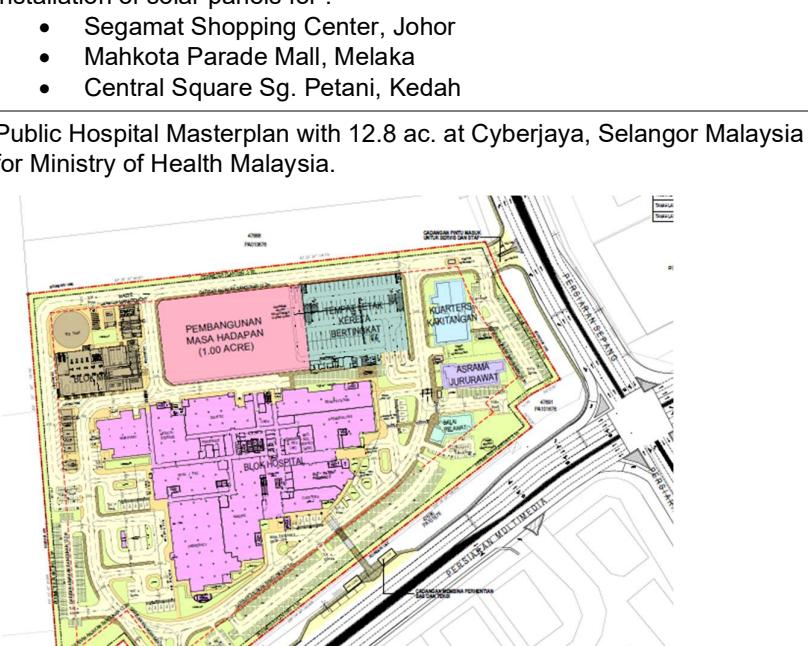
# PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Planning Stage	<p>Mixed Development masterplan with 187 ac. at Jalan Semenyih, Bangi, Hulu Langat, Selangor, Malaysia for M/S TLS Group.</p>	
Planning Stage	<p>Mixed Development masterplan with 17 ac. at Bukit Katil, Melaka, Malaysia for M/S NCT Green City Sdn Bhd.</p>	

## PROJECT REFERENCES

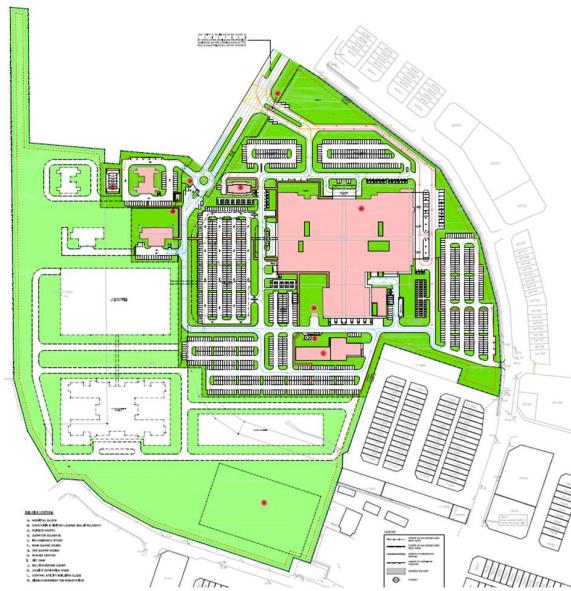
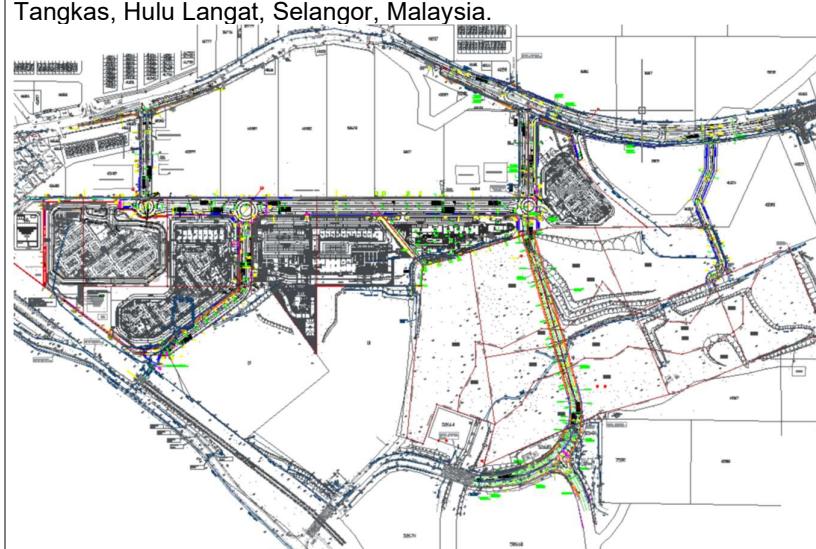


## **Selected Key-Projects undertaken**

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Planning & Construction Stage	<p>Industrial Hub Development masterplan in 5 phases with ~750 ac. at Kuala Langat, Selangor, Malaysia for M/S NCT Group.</p> <p>INDUSTRIAL HUB DEVELOPMENT FASE 1 FASE PERTAMA DAN FASE 2 INDUSTRIAL PARK BERKONSEP MANAJE INDUSTRIAL PARK (MPI) SECARA BERPADA DATAS LOT 2181, PT 34000, KAWASAN INDUSTRI KUALA LANGAT, SELANGOR, MALAYSIA, BERKELUARAN 72.50 EKAR, MULAI TAHUN 2014 MELAKA, DAERAH KUALA LANGAT, SELANGOR DARUL SHAH</p> 	
Completed	Roof Structural Strengthening for Solar Panel Installation to Existing Factory at Kg. Sum Sum, Janda Baik, Pahang Darul Makmur for M/S Elektrisola (Malaysia) Sdn. Bhd.	
Completed	Independent Checking Engineer on assessment of existing roof for installation of solar panels for : <ul style="list-style-type: none"> <li>Segamat Shopping Center, Johor</li> <li>Mahkota Parade Mall, Melaka</li> <li>Central Square Sg. Petani, Kedah</li> </ul>	
Completed	Public Hospital Masterplan with 12.8 ac. at Cyberjaya, Selangor Malaysia for Ministry of Health Malaysia.	RM200Mil
		

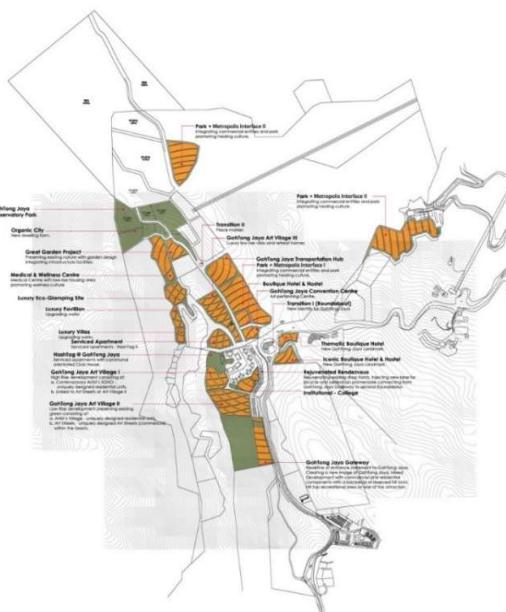


## PROJECT REFERENCES

Selected Key-Projects undertaken		
<u>Project Status / Scope of Work</u>	<u>Projects</u>	<u>Total Project Value</u>
Construction	<p>Public Hospital Masterplan with 26 ac. at Pasir Gudang, Bandar Seri Alam, Johor Bahru, Johor, Malaysia for Ministry of Health Malaysia.</p> 	RM300Mil
Construction	<p>Mixed Development masterplan with 44.8 ac. at Kampung Sungai Tangkas, Hulu Langat, Selangor, Malaysia.</p> 	



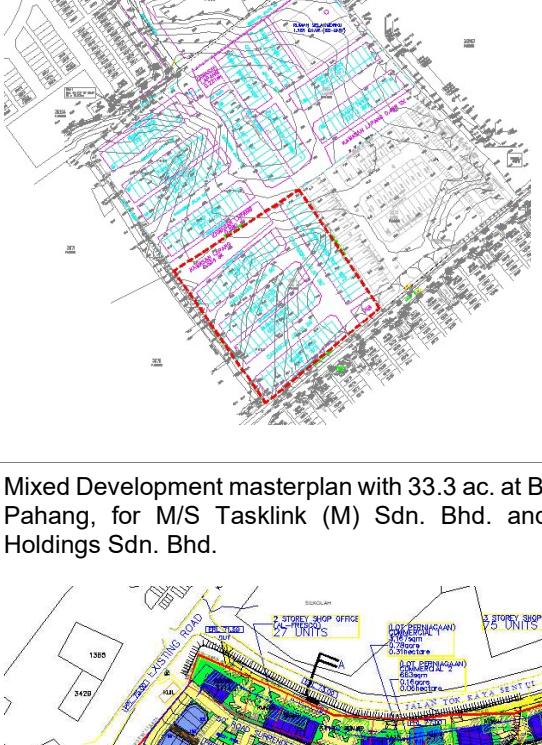
# PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Construction	<p>Mixed Development masterplan with 80 ac. At Kajang, Hulu Langat, Selangor, Malaysia.</p> 	
Planning Stage	<p>Mixed Development masterplan with 220 ac. at Gotong Jaya New Town, Genting Highland, Pahang for M/S Genting Development Sdn. Bhd.</p> 	

## PROJECT REFERENCES



## **Selected Key-Projects undertaken**

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Planning Stage	<p>Housing Development masterplan with 16.4 ac. at Cheras, Hulu Langat, Selangor, Malaysia for M/S Jenama Lestari Sdn Bhd. and M/S Cerdas Makmur Sdn. Bhd.</p> 	
Planning Stage (deferred)	<p>Mixed Development masterplan with 33.3 ac. at Bukit Kerani, Lipis District, Pahang, for M/S Tasklink (M) Sdn. Bhd. and M/S Development 96 Holdings Sdn. Bhd.</p> 	



## PROJECT REFERENCES

Selected Key-Projects undertaken		
<u>Project Status / Scope of Work</u>	<u>Projects</u>	<u>Total Project Value</u>
Construction Stage	<p>Mila University (Phase 1 -25.705 Ha) at Lot 66261, Partial Lot 66266, Bandar Nilai Utama, Daerah Seremban, Negeri Sembilan.</p> 	TBC
Completed	<p>Roof Structural Strengthening for Solar Panel Installation to Existing Factory at Kg. Sum Sum, Janda Baik, Pahang Darul Makmur for M/S Elektrisola (Malaysia) Sdn. Bhd.</p>	
Completed	<p>Independent Checking Engineer on assessment of existing roof for installation of solar panels for :</p> <ul style="list-style-type: none"> <li>• Segamat Shopping Center, Johor</li> <li>• Mahkota Parade Mall, Melaka</li> </ul> <p>Central Square Sg. Petani, Kedah</p>	



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
<b>2. Residential / Mixed Development</b>		
Schematic Design Stage	<p>Proposed 1 Block of 32-Storey Office and 1 Block of 60-Storey Service Apartments and <b>Ritz-Carlton Hotel</b> with 3 basements at Preah Norodom Blvd (Street 41) corner 172, Sangkat Chey Chumnas, Khan Daun Penh, Phnom Penh, Cambodia for M/S Royal Group Properties Co. Ltd.</p>  <p><b>ROYAL GROUP</b> <b>ODPA</b></p>	~USD400 Mil
Completed 2019 C&S Engineer	<p>4 Blocks of 33 to 39 Storeys Service apartments (674 units) with 5-storey retail &amp; office podium and 6-storey carparks and ancillary buildings including 2-basements carparks at Ulu Kelang, Daerah Gombak, Selangor DE for M/S Datumcorp International Sdn. Bhd. (Value Engineering)</p> 	RM700Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Design Stage C&S Engineer	<p>Proposed Phase 1: 16 units 2-storey shoplot; Phase 2: 29-storey Service Apartment (200 units); Phase 3: 2 Blocks of 29-storey Service Apartment (514 units); Phase 4: 86 units of offices and sport centre; Phase 5: Future commercial areas and Phase 6: Commercial areas at PT6182, Lebuhraya Bandar Cassia, Bandar Cassia Batu Kawan, Mukim 13, Seberang Perai Selatan, Penang. For M/S Green Camour Property Sdn Bhd.</p> 	~600Mil
Completed 2024 C&S Engineer	<p><b>The Peak</b> 2 blocks of 52 storey service apartment and 1 block of 55 storey office and 5-star hotel (<b>Shangri-La Hotel</b>) with 4-storey retail podium (Capital Mall) and 7-storey carparks at Phnom Penh, Cambodia for M/S Oxley-Worldbridge (Cambodia) Co. Ltd.</p>  	~USD350 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Construction C&S Engineer	 <p>Proposed 2 Block of 63-storey Service Apartment and 1 Block of 60-Storey Office with 12-storey Podium Retail and Carparks at Phnom Penh Cambodia for Sunwah (Cambodia) Co. Ltd. (Phase 1)</p>	US\$200Mil (Phase 1)
Construction C&S Engineer	<p>WB Sport Village (Phase 1) Proposed 9 blocks of 25-Storey (2600 units) of Apartments with Retail and Carpark Podium at Merodok Techo National Sport Complex, Khan Russey Keo, Phnom Penh, Cambodia.</p> 	USD150 Mil (Phase 1)



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2017 C&S Engineer (Value Engineering)	<p>Mixed Development of 2 blocks of 36-storey service apartment, 1 block of 42-storey service apartment and 1 block of 38-storey service apartment with retail &amp; carpark podium on Lot 58413 to 58416, Kuala Lumpur for M/S Suez Domain Sdn. Bhd. (Value Engineering on Podium &amp; Block C&amp;D)</p> 	~RM 550 mil
Completed 2018 C&S Engineer	<p>Mixed Development with 2 blocks of 18-storey service apartment with 2-storey retail &amp; 7-storey carpark podium at Lot 11973, 11974 &amp; PT 471, Jalan 17/38, Daerah Petaling, Selangor for M/S Kampung Manis Realty Sdn. Bhd.</p> 	RM 150 mil

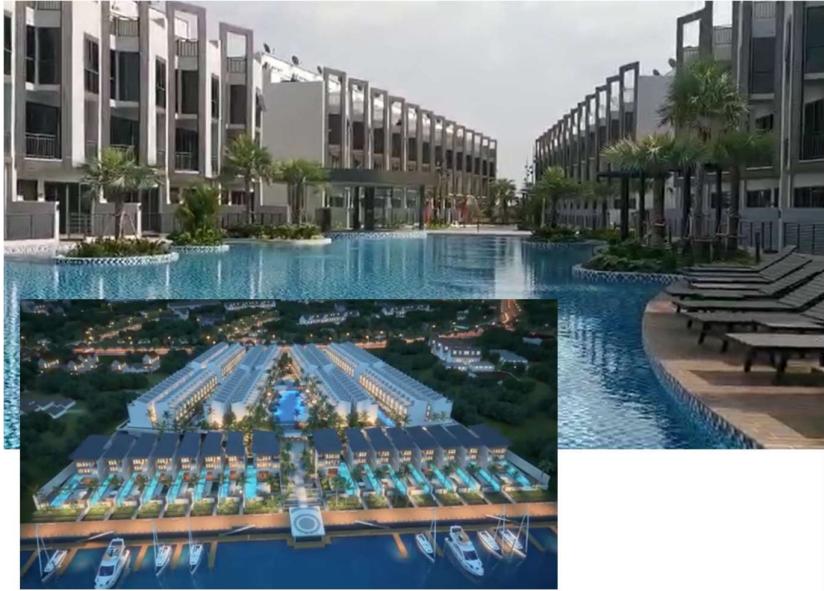


## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2017 C&S Engineer	<p><b>The Bridge</b> Proposed 1 block of 45 storey service apartment and 1 block of 37 storey office (SOHO) with 5-storey podium and carparks at Phnom Penh Cambodia for M/S Oxley Diamond (Cambodia) Co. Ltd.</p> 	US\$ 180 mil
Completed 2019 C&S Engineer	<p>2 Blocks of 39-storey service apartments (399 units) at Lot 56231, Jalan Sembilang, Kuala Lumpur for M/S Multi Access Sdn. Bhd. (Value Engineering for entire project)</p> 	RM 150 mil

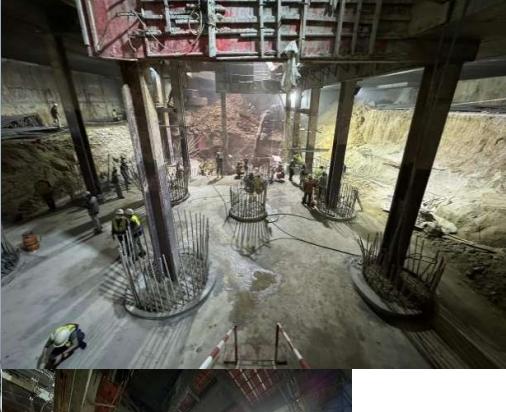


## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2022 C&S Engineer	<p><b>The Palms</b> Camboi Proposed 204 units of 4 1/2-storey row houses and 16 units of 3-storey villas with facilities and environmental deck at National Road #1, Kdei Takoy Village, Sangkat Veal Sbov, Khan Meanchey, Phnom Penh Cambodia. For Oxley Emerald (Cambodia) Ltd.</p>  	US\$55Mil
Completed 2023 C&S Engineer	<p>1 Block of 25-storey Bank Office with 1 Basements and 5-storey carpark podium at Phnom Penh, Cambodia for M/S Wing Specialised Bank (Cambodia) Ltd.</p>  	US\$35Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Construction C&S Engineer	<p>1 Block of 27-storey Bank office with 4 basement carparks and facilities at Phnom Penh, Cambodia for M/S MKMC Investment Co. Ltd. [Top-Down Construction]</p>   	US\$50 Mil
Completed 2017 C&S Engineer	<p>1 Block of 15-storey Service apartment with carpark podium at Norodom St., Phnom Penh, Cambodia for M/S MW Decoration Co. Ltd.</p> 	US\$ 10 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2019 C&S Engineer	<p>WB Arena Riverside Malls 12 Blocks of Retail malls by the riverside at Phnom Penh, Cambodia</p> 	USD8 Mil
Completed 2018 C&S Engineer	<p>1 Block of 31 Storey apartments (461 units) with 6-storey podium carparks and ancillary buildings at Lot PT74091, Mukim Kajang, Daerah Hulu Langat, Selangor DE for M/S Astana Asas (M) Sdn. Bhd.</p> 	RM 100 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2019 C&S Engineer	<p>1 Blocks of 30-Storey apartment (205 units) and 1 block of 29-Storey apartment (256 units) with 6-storey podium carparks and ancillary buildings at Lot PT74092, Mukim Kajang, Daerah Hulu Langat, Selangor DE for M/S Esteem Capitals Development Sdn. Bhd.</p> 	RM 110 Mil
Construction C&S Engineer	<p>1 tower of 63-storey service apartment and 4-Star Hotel with retail &amp; carpark podium (345m above ground) and 1 retail basement and 4 basement carpark at Lot 531 &amp; 568, Section 57, Jalan Berangan, Kuala Lumpur for M/S KKH Pavilion Development Sdn. Bhd.</p> 	~RM350 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2019 C&S Engineer	<p>2 Blocks (500 units) 12-Storey Flats for Program Perumahan Rakyat (PPR) at Kg. Gayang, Tuaran, Sabah.</p> 	RM 100 Mil
Completed 2019 C&S Engineer	<p>3 Blocks of 40-storey apartments (1005 units) with single-storey retail &amp; 6-storey carpark podium at Persiaran Medini Sentral 1, Medini Iskandar, Mukim Pulai, Johor Bahru for M/S Macrolink International Land (Malaysia) Sdn. Bhd.</p> 	RM 350 Mil (Phase 1)
CCC 2024 C&S Engineer	<p>Proposed Pembangunan Perumahan Penjawat Awam Malaysia (PPAM) – 3 blocks of 41-storey apartment (Total 1587 units) with podium carparks and facilities at Lot29343, Off Jalan Kampung Bandar Dalam, Mukim Setapak, Daerah Kuala Lumpur, WP Kuala Lumpur.</p>	~RM200 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Construction C&S Engineer	<p>Proposed 1 Block of 45-storey Office comprising 11-storey Podium carparks and retails at Lot 10018, Lebuh Sungai Pinang, Seksyen 8, Bandar Georgetown, Daerah Timur Laut, Penang for M/S Bionic Development Sdn Bhd.</p> 	RM 70 Mil
Completed 2019 C&S Engineer	<p>1 Block of 4-storey retail complex includes 1-basement retail with 2-basement carpark at Lot 427, Kawasan Bandar 10, Daerah Melaka Tengah, Melaka for M/S Fuyuu Ventures Sdn. Bhd.</p> 	RM 80 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Design Review	<p>30 villas and 1 club house with 1 basement and 2 storey at Don Duong town, Lam Dong province.</p> 	
Completed 2016 C&S Engineer	<p>A 2-storey Sales Gallery at Lot PT 187611, Medini Iskandar, Mukim Pulai, Johor Bahru for M/S Macrolink International Land (Malaysia) Sdn. Bhd.</p> 	RM 25 Mil
Completed 2018 C&S Engineer	<p>1 Block of 20-storey Office Tower with 4 basement Carpark and podium at Presit 2.12A, Persiaran Dato' Menteri, Seksyen 14, Shah Alam, Selangor for M/S Jakel Properties Sdn. Bhd. (Value-Engineering Project).</p> 	RM 100 Mil



## PROJECT REFERENCES

CCC C&S Engineer	<p>Mixed Development comprising of 1 Block of 50-Storey Service Apartment (742 Units), 1 Block of 50-Storey Service Apartment (595 Units), 1 Block of 50-Storey Service Apartment (331 Units) with 14-Storey Podium consists of Carparks, Commercial Space and Facilities at PT11353 HS(D) 10530, PT11354 HS(D) 10531, PT11355 HS(D) 10532 and PT11356 HS(D) 10533, Genting Highlands, Bentong, Pahang for M/S Galeri Tropika Sdn. Bhd.</p>   	~RM 600 Mil
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## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	<u>Projects</u>	Total Project Value
<b>Industrial</b>		
Completed C&S Engineer	Production Factory with 2 storey for M/S Café Outspan at Lot L1, Nhut Chanh Industrial Park, Road 832, Huyen Ben Luc, Long An Province, Vietnam.  	
Construction C&S Engineer	Proposed a 5-storey Training Centre and Research Centre at Lot Pt6145 and part of Lot PT6141, Persiaran Cassia Selatan 10, Taman Perindustrian Batu Kawan, Mukim 13, Seberang Perai Selatan, Penang, for M/S Vitrox Technologies Sdn. Bhd.  	RM50 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2023 C&S Engineer	<p>2 Buildings of 5-storey Office and Factory, 1 block of 4-storey Visitor Centre and link bridge on PT 5920, Persiaran Cassia Selatan 3, Taman Perindustrian Batu Kawan, Mukim 13, Seberang Perai Selatan for M/S Vitrox Technologies Sdn. Bhd. (Phase 3a and 3b)</p> 	RM 60 Mil
Completed C&S Engineer	<p>A 5-storey Campus with Factory and office at Plot 323(A) (Part of Lot 282), Persiaran Cassia Selatan 3, Batu Kawan Industrial Park, Mukim 13, Seberang Perai Selatan, Pulau Pinang for M/S Vitrox Technologies Sdn. Bhd.</p>  	RM 60 Mil (Phase 2)



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed C&S Engineer M&E Engineer	<p>Extension of Warehouse, Production Factory, Boiler House and other facilities for M/S Café Outspan at Lot L1, Nhut Chanh Industrial Park, Road 832, Huyen Ben Luc, Long An Province, Vietnam.</p> 	US\$ 12 Mil
Construction C&S Engineer	<p>Proposed factory for manufacturing fire arms and ancillary on Lot 1503, Mukim Hulu Semenyih, Daerah Hulu Langat, Selangor DE. For M/S Maruss Sdn Bhd.</p> 	RM90 Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Completed 2017 C&S Engineer	<p>Proposed A 3-storey Factory with Cold-room and 2-storey office at Lot PT28741, Jalan 6/13, Kawasan Perindustrian Bandar Rinching, Mukim Semenyih, Daerah Hulu Langat, Selangor DE for M/S Hai Soon Leong Sdn. Bhd. .</p> 	RM8 Mil
Completed 2018 C&S Engineer	<p>Proposed A single storey warehouse and 2-storey office at part of GRN27970 Lot 3524, Jalan Telok Mengkuang, Mukim Telok Panglima Garang, Daerah Kuala Langat, Selangor DE for M/S Kim Mar Footwear Sdn Bhd.</p> 	RM2.5 Mil
Completed 2019 C&S Engineer	<p>Proposed a single storey with office and warehouse at HSD 42927 PT 16144 (Original lot 3542) with 2.62Acre, Mukim Telok Panglima Garang, Daerah Kuala Langat, Selangor DE for M/S Ang Cheng How &amp; Ang Meng Heng (Phase 2 for Kim Mar Footwear's factory)</p>	RM3 Mil

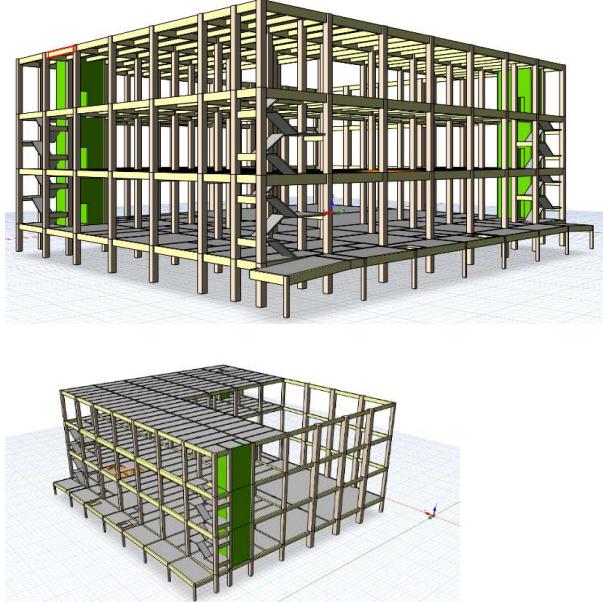


## PROJECT REFERENCES

Selected Key-Projects undertaken		
Project Status / Scope of Work	Projects	Total Project Value
Construction	<p>Proposed Industrial Development strata lots (Phase 1A with 2 Plots) with Plot 1: 1 storey factory and 2-storey office and Plot 2: 3 units of 1-storey factory and 2-storey office and ancillary buildings at Lot 48082, Kulai, Johor DT. For M/S Golden Valley Capital Sdn Bhd.</p> 	~RM50Mil
Construction	<p>Proposed a 2-storey Factory and 3-storey dormitory at GRN7123 Lot 1819, Mukim Ayer Panas, Daerah Jasin Melaka for M/S Cryogenic Specialty Manufacturing Sdn. Bhd.</p> 	RM45Mil



## PROJECT REFERENCES

Selected Key-Projects undertaken		
<u>Project Status / Scope of Work</u>	<u>Projects</u>	<u>Total Project Value</u>
Completed Structure Engineer	<p>INTELLICROWN NEW WAREHOUSE BUILDING IN CHANGCHUN, JILIN, CHINA. 3-LEVEL WAREHOUSE BUILDING WITH APPROXIMATELY 48.8m x 56.8m FOOTPRINT AT EACH LEVEL</p> 	USD2.2 Mil