

G&P Geotechnics Sdn Bhd

(Formerly known as Gue & Partners Sdn Bhd)

GEOTECHNICAL CONSULTANTS

Capability Statement



A Specialist Engineering Consulting Firm in G&P Professionals Sdn Bhd (Group)

G&P Geotechnics Sdn Bhd (490887A)
Wisma G&P
39-5, Jalan 3/146,
Bandar Tasik Selatan,
57000 Kuala Lumpur, WP
MALAYSIA

Tel : + 60 (3) - 9059 5396
Fax : + 60 (3) - 9059 5869
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Email : gnp-geo@gnpgroup.com.my

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G&P Geotechnics Sdn Bhd

Corporate Philosophy

Vision

To Obtain the Hallmark for Quality Services, Technical Excellence, Reliability and Safety.

Objective

To Provide Innovative & Economical Designs and to Ensure Safety & Ease of Construction.

Values

We Value Our Staff for Their Creativity & Commitment to Quality.

We Instil Teamwork in Our Staff to Ensure the Best Solution for Our Clients.

We Uphold Integrity in All Our Dealings with Our Clients and Colleagues.



G&P Geotechnics Sdn Bhd

The Company

G&P Geotechnics Sdn Bhd is an independent consulting company specializing in **Geotechnical** and **Geo-Environmental** Engineering and is providing consultancy services in Malaysia and South East Asia. We have a pool of highly qualified and experienced Geotechnical Engineers and Engineering Geologists.



The Company provides innovative problem solving, offering safe, cost effective and practical engineering solutions of high standards to national and state government bodies, engineering consultants, contractors, developers, research organizations and also to other professionals such as architects, loss adjusters and solicitors.

Our philosophy is to provide safe, innovative and cost effective design with due consideration to the environment, and to ensure ease of construction. This means making a clear commitment to understanding clients' needs, looking for new ways of providing quality service best suited to the projects concerned.

G&P Geotechnics Sdn Bhd is one of the specialist engineering consulting firms in the **G&P Professionals Group**.

G&P Geotechnics Sdn Bhd

Quality Assurance & Awards

We are the first engineering consultant in Malaysia to be ISO 9001 : 2008 certified by SIRIM QAS Sdn Bhd.

Quality Assurance procedures are an integral part of our management structure. They are administered by our Quality Management Committee.

The Geotechnical Engineers of G&P have received numerous awards in recognition of their significant contribution in the field of Geotechnical Engineering. These awards are : -

1. Gold Award of Special Merit (2010) from the Association of Consulting Engineers Malaysia (ACEM) for the project "Sg. Damansara Flood Mitigation".
2. Certificate of Outstanding Performance Award from Sunrise Berhad to G&P Geotechnics Sdn Bhd.
3. The Silver Award of Merit (2006) from the Association of Consulting Engineers Malaysia (ACEM) for the piled-strip-raft foundation system of the Bandar Botanic Development, Kiang.
4. The Award of Commendation (2002) from the Association of Consulting Engineers Malaysia (ACEM) for the foundation system of the First Palm Oil Mill, Riau, Indonesia.
5. The Award of Merit (1998) from the Association of Consulting Engineers Malaysia (ACEM) for the foundation system of the Bistari Condominium, in which Dato' Ir. Dr. GUE SS was the engineer responsible for the foundation design of the condominium when he was the Managing Director of SSP Geotechnics Sdn Bhd.
6. Certificate of Appreciation from Ampang Jaya City Council to Dato' Ir. Dr. GUE SS for preventing and mitigating natural disasters.
7. Certificate of Appreciation from Petaling District Council to Dato' Ir. Dr. GUE SS for investigating the collapse of a building in Bandar Utama, Selangor.
8. Certificate of Appreciation from the Ministry of Housing and Local Government to Dato' Ir. Dr. GUE SS for investigating the collapse of highrise building at Taman Bukit Permai, Cheras, Selangor.
9. Certificate of Appreciation from The Federation of Hokkien Associations of Malaysia to Dato' Ir. Dr. GUE SS for contributions to the involvement of foundation and sub-structure of Wisma Fujian, Kuala Lumpur.
10. Federation of Engineering Institutions of Asia and the Pacific (FEIAP) Engineer of the Year Award (2010) was awarded to Dato' Ir. Dr. GUE SS in recognition of his contribution in the engineering field in Asia and the Pacific.



G&P Geotechnics Sdn Bhd

Selected Projects



Slope Stabilisation

Sungai Buloh, Selangor

Client : Saujana Triangle Sdn Bhd

Scope :

Investigation into the stability of rock (granite) and soil slopes, and design of strengthening work.



Bukit Antarabangsa Landslides

Ampang, Kuala Lumpur

Client : Majlis Perbandaran Ampang Jaya

Scope :

Engr. Dr. Gue See Sew (P. Eng.) (Managing Director) was appointed by the local authority, MPAJ as Advisor on the investigation into the landslides and remedial measures.



G&P Geotechnics Sdn Bhd

Selected Projects



Berjaya Times Square

Jalan Imbi, Kuala Lumpur

Client : Berjaya Ditan Sdn. Bhd.

Scope :

Geotechnical Consultant for the project which includes planning, interpretation, analysis and design of the six level basement (maximum depth of 28.5m) and foundation for the 15-storey podium block and two 46-storey towers.



Mont' Kiara

Client : Sunrise Bhd.

Geotechnical Consultant for the following projects:

1. Mont' Kiara Aman
2. Mont' Kiara Solaris
3. Kiara Designer Suites
4. Mont' Kiara Banyan
5. Solaris Dutamas
6. MK10
7. MK23

Solaris Dutamas



G&P Geotechnics Sdn Bhd

Selected Projects



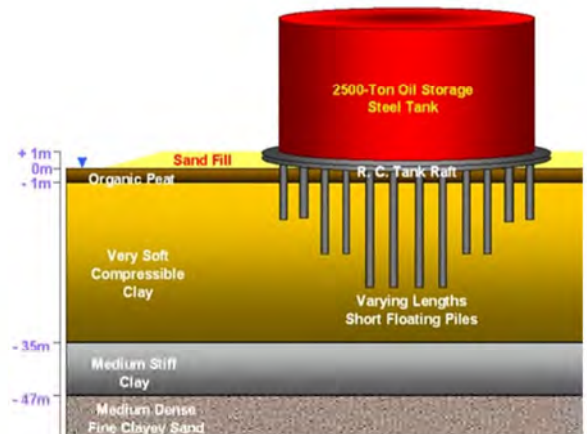
Indonesia Pulai Palm Oil Mill

Riau, Sumatra, Indonesia

Client : PT SumatraTimur Indonesia

Scope :

Geotechnical Consultant for the project which includes platform reclamation, ground treatment, structures and machine foundations, slope stability of effluent treatment ponds and canal construction. The site is on swampy ground underlain by very soft peaty soil. The total site area is 8.8 hectares.



Bandar Botanic

Klang, Selangor

Client : Harum Intisari Sdn. Bhd.

Scope :

Geotechnical Consultant for the Infrastructure and Foundation System on 1200 acres of soft alluvial ground which includes planning, interpretation, analysis and design of the "floating" piled raft foundation using short friction piles and ground treatment for earthworks using temporary surcharging and preloading techniques.



G&P Geotechnics Sdn Bhd

Selected Projects



Indah Point Interchange

Pulau Indah, Selangor

Client: Wijaya Baru Sdn Bhd

Scope:

Geotechnical Consultant and as a coordinator for the project which includes foundation design for bridge abutment and piers, ground treatment design for road embankment and junction improvement.



Ritze Perdana

Damansara Perdana, Selangor

Client: Gamelan Rentak Sdn Bhd

Scope:

Geotechnical Consultancy on Investigation and Strengthening Design of fill ground to facilitate 15m deep basement excavation.



G&P Geotechnics Sdn Bhd

Professional Services & Experience

We provide professional services in fields including :

- Planning and Design of Hill-Site Developments
- Slope Rehabilitation / Stabilisation
- Retaining Wall and Support Systems
- Monitoring and Instrumentation Planning
- Foundation Design and Underpinning Works
- Deep Excavation and Basement Design
- Tunneling and Underground Space Strutting



- Environmental Geotechnics
- Landfill and Derelict Site Reclamation
- Storage Facilities for Tailings and Scheduled Wastes
- Groundwater Engineering, Seepage Control and Contamination Migration
- Dam Engineering and Design
- Alternative Geotechnical Design
- Preliminary Site Appraisal
- Geological Study (Engineering Geology, Hydro-geology, Mining Geology)
- Forensic Engineering/Investigation of Failure and Remedial Work Design
- Expert Opinion in Litigation and Arbitration

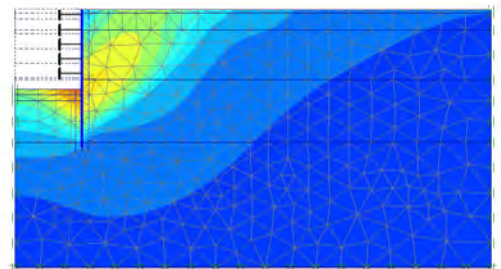
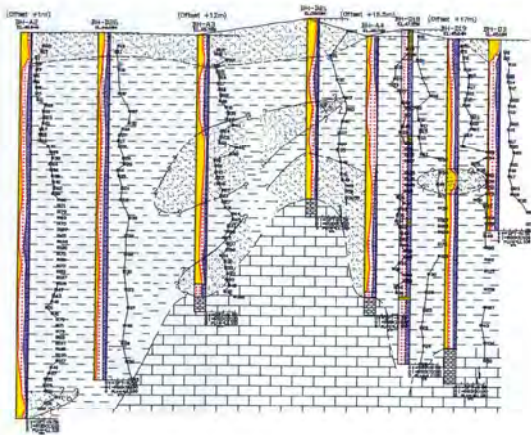
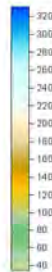
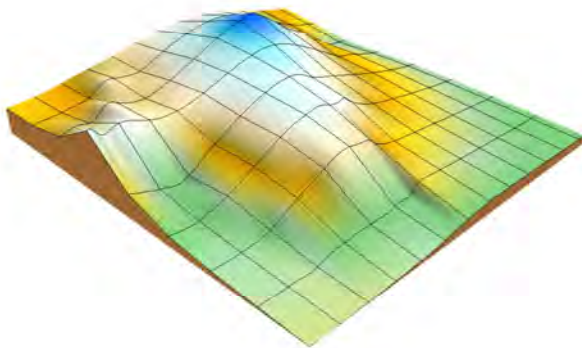
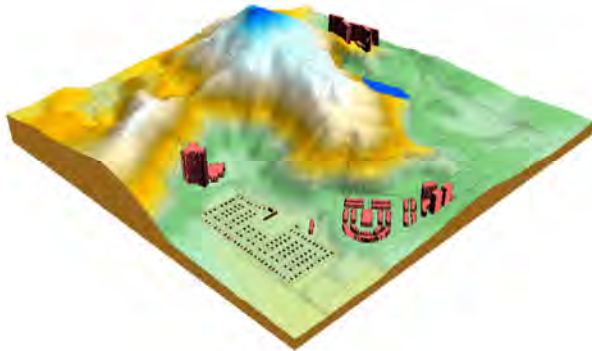


- Soft Ground Engineering
- Ground Improvement and Treatment
- Embankment and Earth Canal Design
- Land Reclamation
- On-Shore Geotechnical Engineering for Marine Structure, Harbour, Storage Facilities, Heavy Engineering Fabrication and Loadout Facilities
- Off-Shore Geotechnical Engineering

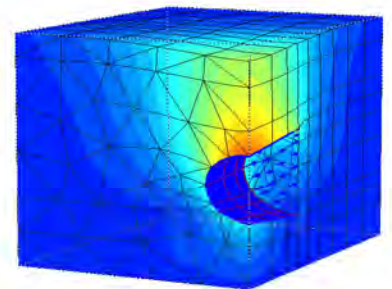


G&P Geotechnics Sdn Bhd

Computer Resources



Geotechnical design usually involves analyses of ultimate limit states (e.g. collapse) and serviceability limit states (e.g. deformation). The computer resources of G&P Geotechnics Sdn Bhd include software that can carry out analyses in both states. Finite element program (e.g. Plaxis) is used to analyse complicated foundations, dams, slopes and other soil-structure interaction problems.



Geotechnical Engineers in G&P utilise the latest technology in engineering computing software to produce innovative, cost effective and safe designs that meet our Clients' requirements and comply with the National Codes and normal good practice.

A good understanding of the subsurface conditions is essential for successful geotechnical designs. Diligently planned subsurface investigation and intelligent interpretation of the factual information form a strong foundation for our design works. Therefore in G&P, we have adopted a computerised geotechnical data management system.

G&P Geotechnics Sdn Bhd

Curriculum Vitae

Managing Director

Dato' Ir. Dr. GUE See Sew (P. Eng.) D.S.P.N. D.S.M.

Hon. D. Sc. (Strathclyde), FASc, D. Phil. (Oxford),
B. Sc. (Strathclyde), Dip. (UTM), FAAET, Hon.
FAFEO ASEAN Eng., Hon. FIEM, FICE, FIES,
F.W.I.F., MACEM,
APEC Eng., IntPE (My)

Directors

Ir. Tan Yean Chin (P. Eng.)

B. Eng. (Hons) (UTM), M. Eng. (AIT)
FIEM, MCI Arb (UK), MACEM,
APEC Eng., IntPE (My)

Ir. Liew Shaw Shong (P. Eng.)

B. Eng. (NTU), M. Eng. Sc. (UNSW),
FIEM, MACEM, APEC Eng., IntPE (My)

Ir. Chow Chee Meng (P. Eng.)

B. Eng. (Hons) (Civil) (UM)

Statistics of Staff

Total Staff : **155**

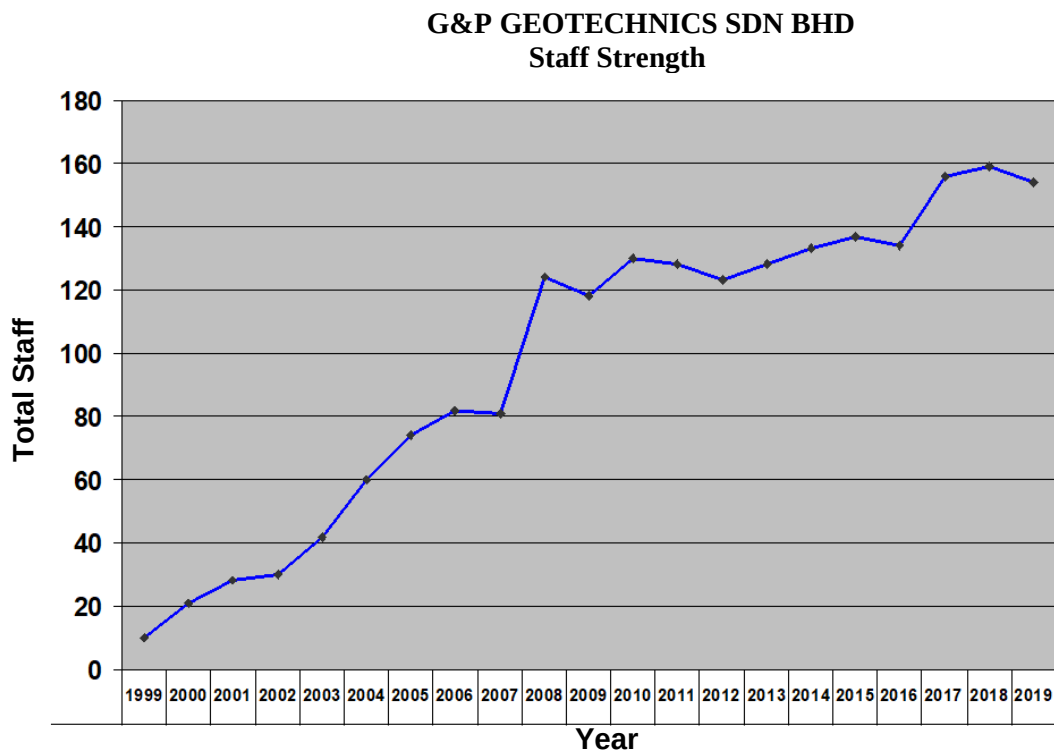
Directors : 4

Professional Engineers (with P.Eng or Ir.): 17

Engineers : 63

Geologist : 36

Supporting Staff : 35



G&P Geotechnics Sdn Bhd

Technical Publications

You may visit our websites at www.gnpgroup.com.my or www.gnpgeo.com.my for more information and to download many useful checklists, specifications, technical papers developed by our research and development effort.

We have published **two hundred eighty-four** technical papers including **thirty-two** keynote lectures, lead and special lectures. Our specialist engineers have **fifty-three** lectures and talk on areas of expertise.

PROJECTS CATEGORY

- A) INFRASTRUCTURES**
- B) MARINE / RIVER**
- C) RECLAMATION**
- D) SOFT GROUND TREATMENT**
- E) TUNNEL**
- F) ROAD**
- G) CUT SLOPE / SLOPE STRENGTHENING**
- H) DAM**
- I) ENVIRONMENTAL GEOTECHNICS /
LANDFILL**
- J) FOUNDATION / BASEMENT**
- K) HILL-SITE DEVELOPMENT**
- L) MINING**

Projects Category

No.	Projects Category	Year												
		1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
A	Infrastructures	3	2	6	4	3	3	1	2	0	1	4	2	4
B	Marine / River	1	2	0	1	0	0	3	3	5	6	0	6	2
C	Reclamation	1	2	5	6	2	1	1	0	1	1	0	2	2
D	Soft Ground Treatment	2	9	2	4	0	4	2	1	1	4	10	5	7
E	Tunnel	1	0	0	0	0	2	0	0	0	0	0	2	0
F	Road	0	5	0	4	2	6	5	5	1	3	0	4	3
G	Cut Slope/ Slope Strengthening	4	8	8	8	11	12	6	15	11	7	15	16	4
H	Dam	1	0	0	0	0	0	0	2	0	3	0	1	2
I	Environmental Geotechnics / Landfill	0	1	0	0	0	1	0	1	0	2	1	0	1
J	Foundation / Basement	15	29	27	35	33	53	40	40	27	30	29	35	41
K	Hill-Site Development	8	9	7	6	22	7	5	15	8	8	17	22	15
L	Mining	0	0	0	0	0	0	0	0	0	0	0	0	0

Projects Category

No.	Projects Category	Year								
		2012	2013	2014	2015	2016	2017	2018	2019	Total
A	Infrastructures	1	7	3	1	3	1	1	3	55
B	Marine / River	4	2	6	0	1	0	2	1	45
C	Reclamation	0	5	0	3	3	1	1	1	38
D	Soft Ground Treatment	7	2	14	8	6	3	4	6	101
E	Tunnel	1	1	1	0	2	1	0	1	12
F	Road	1	6	3	5	3	3	4	1	64
G	Cut Slope/ Slope Strengthening	9	11	7	4	3	0	0	8	167
H	Dam	1	3	1	1	1	1	1	0	18
I	Environmental Geotechnics / Landfill	0	0	0	0	1	0	0	1	9
J	Foundation / Basement	47	53	46	40	31	29	25	21	726
K	Hill-Site Development	17	18	13	11	8	5	7	9	237
L	Mining	1	0	0	0	0	1	3	1	6

CLIENT'S LIST:

- A) CONSULTANT**
- B) CONTRACTOR**
- C) GOVERNMENT AGENCY**
- D) PROJECT MANAGER**
- E) INSURANCE COMPANY / LOSS ADJUSTER**
- F) DEVELOPER**
- G) MANUFACTURER**
- H) OIL & GAS COMPANY**
- I) OTHERS PRIVATE CLIENT**
- J) FOREIGN CLIENT**

(A) Consultant	(B) Contractor
AE Consultant AECOM Perunding Sdn Bhd Aktif Fa Konsult Sdn Bhd Arkitek Permata Sdn Bhd ATZ Consult Sdn Bhd BYG Group CECI Engineering Consultants, Inc., Taiwan Construction Risks Management Consultants Dr. Y. G. Tan Jurutera Perunding DNP Consult Sdn Bhd* ESA Jurutera Perunding Sdn Bhd Felda Engineering Services Sdn Bhd Finconsult Sdn Bhd G-Pile Sistem Sdn. Bhd. HMS Perunding Sdn Bhd H.S. Liao Sdn Bhd Hussein & KH Chong Jurutera Perunding (M) Sdn Bhd IKRAM Research Centre Sdn Bhd Iktisas Ingenieurs Sdn Bhd Ingenieur Bersekutu Jacobs Engineering Group Malaysia Sdn Bhd JPS Consulting Engineers Sdn Bhd Jurutera Perun Jurutera Tang dan Rakan Rakan JW Geotechnical Consultant Kejuruteraan QKS Sdn Bhd KLIA Consultancy Services Sdn Bhd Konsortium Malaysia KPS Consultancy KTA Tenaga Sdn Bhd Khairi Consult Sdn Bhd LAL Engineering Sdn Bhd LYS Consult Sdn Bhd Mitraland Properties Sdn Bhd MNH Global Assets Management Sdn Bhd Mott Macdonald PAG Consult Sdn Bhd PDC Consultancy Sdn Bhd * Perdana Parkcity (Singapore) Pte. Ltd. Petareka Perunding (M) Sdn Bhd Perunding Prisma Sejati Sdn Bhd Perunding Bakti Sdn Bhd	Alliance Parade Sdn Bhd* Atlantic Blue Sdn Bhd Baktian Sdn Bhd Beta Mutiara Technologies Sdn Bhd BJM Construction Sdn Bhd BMT Jelas Sdn Bhd Bumi Multipile Sdn Bhd Borneo Geotechnics Sdn Bhd CCCC Chuan Un Chye (M) Sdn Bhd Chung Nyap Yoon Sdn Bhd Contrail Sdn Bhd CTS Construction Sdn Bhd CyEn Resources Sdn Bhd Cygal Berhad * CNMy Construction (Shanghai) Ltd. Dasar Pintar Sdn Bhd Dialog Construction Sdn Bhd * DKLS Construction Sdn Bhd Dredging International * Econpile (M) Sdn Bhd Ekabina Sdn Bhd Ekovest Berhad * Essar Engineering Services Limited Essenvest Sdn Bhd Felda Construction Sdn Bhd Foster Wheeler E&C (M) Sdn Bhd * Gadang Holdings Berhad * Gamuda Berhad * Gamuda Land Sdn Bhd * Gamuda Engineering Sdn Bhd * Geahin Engineering Berhad * Geo Works Sdn Bhd GM Klang Sdn Bhd G-Pile Sistem Sdn Bhd Haw Ah Bee Construction Sdn Bhd Hock Seng Lee Bhd * Horizon Construction Sdn Bhd Hume Industries (M) Berhad * IJM Prebore Piling & Engineering Sdn Bhd Infratek Projects Sdn Bhd Inno Bayu Sdn Bhd Ishi Power Sdn Bhd

• * - Listed company or subsidiary of listed company

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(A) Consultant (con't)	(B) Contractor (con't)
KTP Civil & Structural Sdn Bhd	IKEA Supply (Malaysia) Sdn Bhd
Perunding ZKR Sdn Bhd	IOI Properties Group Berhad
Petareka Perunding (S) Sdn Bhd	Image Facade Construction Sdn Bhd
Perunding PaduReka Sdn Bhd	Jack-in Pile (M) Sdn Bhd
PIE Konsult Sdn Bhd	Jehantech Sdn Bhd
Piritemp Sdn Bhd	Jernih Cendana Sdn Bhd
PSE Sdn Bhd	Jetson Construction Sdn Bhd
Reliance Pacific Berhad	Juwana Construction Sdn Bhd
Rentak Arena Corporation Sdn Bhd	Jurutera JRK Sdn Bhd
SCG Consultants Sdn Bhd	KACC Construction Sdn Bhd
SNC-Lavalin Power (Malaysia) Sdn Bhd	Kejuruteraan Asas Jaya Sdn Bhd
SMHB Sdn Bhd	Kitacon Sdn Bhd
Standard Engineers Sdn Bhd	Konsortium ABASS Sdn Bhd
Superglade Sdn Bhd*	Konsortium I.S Resources (M) Sdn Bhd
Surbana International Consultants (M) Sdn Bhd	Konsortium Landasan Berkembar Selatan
Syed Mansur & Associates Sdn Bhd	KYS Costruction Sdn Bhd
Tajol, Ho & Ng Consultants Sdn Bhd	Kajang Resources Corporation Sdn Bhd *
Terratech Consultants Sdn Bhd	Kimlun Sdn Bhd
TNB Research Sdn Bhd	Kok Aun Engineering Sdn Bhd
TSH Resources Berhad *	Lafarge Malaysia
WW Consulting Engineer	LB Land Sdn Bhd
	Lend Lease Projects (M) Sdn Bhd
	Lim Chuan Hock & Sons Sdn Bhd
	Lion Pacific Sdn Bhd
	LM Partners Sdn Bhd
	Masmirin Corp. Sdn Bhd
	Menta Construction Sdn Bhd
	Minetech Construction Sdn Bhd
	MMC Engineering Sdn Bhd *
	MMC-Gamuda JV *
	MMC Gamuda KVMRT (T) Sdn Bhd
	MMC Oil & Gas Engineering Sdn Bhd (KL)*
	Motibina Sdn Bhd
	MTD Capital Berhad *
	Muhibbah Engineering (M) Bhd
	Mujatra Berhad *
	Nakano Construction Sdn Bhd
	Nehemiah Reinforced Soil Sdn Bhd
	Oaxis Sdn Bhd
	Ocned Water Technology Sdn Bhd
	PNB Merdeka Ventures Sdn Bhd*
	PPES Works (Sarawak) Sdn Bhd *
	Peck Chew Piling (M) Sdn Bhd
	Pembinaan Azam Jaya Sdn Bhd
	Pembinaan Pakka Sdn Bhd
	Pembinaan Sinvetak Sdn Bhd
	Perunding Reka Jasa Sdn Bhd

- * - Listed company or subsidiary of listed company

(A) Consultant (con't)	(B) Contractor (con't)
	Percon Corporation Sdn Bhd Propile Technic Sdn Bhd Prima Ace Sdn Bhd Perunding Faisal, Abraham dan Augustin Sdn Bhd Putra Perdana Construction Sdn Bhd * RightGas Sdn Bhd Rimba Rata Sdn Bhd Samsung C&T Corporation* Sharikat Galian Razak Sdn Bhd Specialist Grouting Engineers Sdn Bhd See Yong & Sons Sdn Bhd Sepang Goldcoast Sdn Bhd Sinohydro Corporation (M) Sdn Bhd Siong Kee (M) Sdn Bhd SITGES Engineering Sdn Bhd Soon Seng Piling Sdn Bhd Sauthville City Sdn Bhd* SRS Consortium* Sumatec Corporation Sdn Bhd Sunway Construction Sdn Bhd * Sykt. Pemb. Yeoh Tiong Lay Sdn Bhd* Sycal Berhad * Sycal Properties Sdn Bhd * Tatt Yow Corporation Sdn Bhd Technochase Sdn Bhd Techniques Geosystems Sdn Bhd The Kean Sai Sdn Bhd Thiviya Corporation (M) Sdn Bhd Turner Int. (M) Sdn Bhd * TKM Resources Sdn Bhd Usaha Semarak Sdn Bhd VA TECH Holdings (M) Sdn Bhd Vinci Construction Webcon Sdn Bhd Worthy Builders Sdn Bhd Zelan Construction Sdn Bhd *

(C) Government Agency / Government Linked Company	(D) Project Manager
IKRAM Runding Sdn Bhd * Jabatan Kerja Raya Negeri Perak Jabatan Kerja Raya Malaysia Jabatan Kerja Raya Negeri Selangor Jabatan Kerja Raya Negeri Sembilan Jabatan Kerja Raya Sarawak Jabatan Kerja Raya Negeri Terengganu Jabatan Peguam Negara Malaysia Jabatan Perumahan Negara Jabatan Pengairan dan Saliran	Barisan Noble Sdn Bhd Hong Leong Property Management Co. * Kuala Lumpur International Airport Bhd * Kumpulan Ikram Sdn Bhd Kumpulan Ikram (Sarawak) Sdn Bhd Linkedua (Malaysia) Berhad * Macroworks Sdn Bhd Metropolis Property Consultants Sdn Bhd Pengurusan Lebuhraya Berhad *

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(C) Government Agency / Government Linked Company (con't)	(D) Project Manager (con't)
Jabatan Perkhidmatan Pembentukan Johor Port Bhd * Kementerian Pengangkutan Malaysia KTM Berhad Kumpulan Jurutera Perunding Kumpulan Wang Persaraan (KWAP) Majlis Perbandaran Ampang Jaya Majlis Perbandaran Pulau Pinang (MPPP) Menteri Besar Selangor (Pemerbadanan) Multimedia Development Corp. Sdn Bhd Penang Development Corporation Pengurusan Aset Air Berhad * Pengurusan Air Selangor Sdn Bhd Perbadanan Pembangunan Pulau Pinang (Penang Dev. Corp) PLUS Malaysia Berhad Sarawak Energy Bhd Sarawak Timber Industries Development Corp. Tenaga Nasional Berhad * Trurich Resources Sdn Bhd * Y.A.B. Tan Sri Dato' Seri Abdul Khalid Ibrahim ZLG Sdn Bhd	Projects Infosys Sdn Bhd Projek Lebuhraya Utara-Selatan Berhad * Rimba Mulia Management Sdn Bhd Domus Project Management Sdn Bhd Sistem Lingkaran-Lebuhraya Kajang Sdn Bhd SRS Consortium

(E) Insurance Company/Loss Adjuster	(F) Developer
Ace Synergy Insurance Berhad * Allianz General Insurance Malaysia Berhad Anika Insurance Brokers Sdn. Bhd. Commerce Assurance Berhad Crawford & Company Adjusters (M) Sdn. Bhd. Heong Leong Assurance Bhd Maphilindo International Sdn Bhd McLaren Saksama (M) Sdn Bhd * Malaysia National Insurance Berhad RHB Insurance Sdn Bhd * WTW Bovis Sdn Bhd	Aamiin Development Sdn Bhd Agile Tropicana Development Sdn Bhd Aktif Unggul Sdn Bhd Aliran Perkasa Sdn Bhd * Ambang Vista Sdn Bhd * Amarin Kiara Sdn Bhd Angkasa Indah Sdn Bhd * Arapesona Development Sdn Bhd Asia Pacific Land Berhad * Asian Global Business Sdn Bhd Asiatic Land Development Sdn Bhd * ASM Development Sdn Bhd Aston Star Sdn Bhd Astra Dinamik Sdn Bhd * Aurora Tower at KLCC Sdn Bhd Admiral Cove Development Sdn Bhd Arup Jururunding Sdn Bhd AREA Management Sdn Bhd Bandar Raya Development Bhd * Bandar Nusajaya Development Sdn Bhd Bayland Properties Sdn Bhd

- * - Listed company or subsidiary of listed company

(E) Insurance Company/Loss Adjuster (con't)	(F) Developer (con't)
	Bayu Menawan Sdn Bhd BBCC Development Sdn Bhd BCB Berhad* Beneton Properties Sdn Bhd Berjaya Land Berhad * Berjaya Times Square Sdn Bhd * Berlian Sakti Sdn Bhd Bellworth Saujana Sdn Bhd Besteel Berhad * Beverly Tower Development Sdn Bhd Beverly WM Sdn Bhd Boga Valley Corporation Sdn Bhd Bolton Berhad* Brem Holdings Berhad * Brunsfield Engineering Sdn Bhd Borneo Heights Sdn Bhd Brisdale Resources Sdn Bhd * Brunsfield Development Sdn Bhd Bukit Hitam Development Sdn Bhd Bukit Kiara Properties Sdn Bhd Bukit Rimau Development Sdn Bhd * Bukit Tinggi Resort Berhad * Capital Land Sdn Bhd Chain Cycle Sdn Bhd

(F) Developer (con't)	(F) Developer (con't)
Cermat Jaya Sdn Bhd * Country Heights Properties Sdn Bhd * Cemerlang Land Sdn Bhd * Continental Discovery Sdn Bhd Country Heights Holdings Berhad * CTF Build Sdn Bhd Cunningham Lindsey Adjusters (M) Sdn Bhd Cygal Properties Sdn Bhd * 1MDB Real Estate Sdn Bhd* Dataran Tronoh Sdn Bhd D-Hill Sdn Bhd D'Kiara Place Sdn Bhd Dijaya Land Development Sdn Bhd Dijaya Property Sdn Bhd DNP Consult Sdn Bhd * DNP Holdings Sdn Bhd * Dolomite Properties Sdn Bhd	Eastcape Vista Sdn Bhd East Design Architect Sdn Bhd EcoOils Processors Sdn Bhd Eco World Development Sdn Bhd Europlus Bhd * Faber Union Sdn Bhd FASTrack Iskandar Sdn Bhd Fitters Engineering Services Sdn Bhd Flora Development Sdn Bhd * ForestHill Damansara Land Sdn Bhd Fuyyu Capital Sdn Bhd Freight Mark Management (M) Sdn Bhd Gamuda Berhad * Gamuda Land (Botanic) Sdn Bhd* GB Land Sdn Bhd Gema Intan Sdn Bhd * Gerak Teguh Sdn Bhd

* - Listed company or subsidiary of listed company

updated on 31 December 2019

(F) Developer (con't)	(F) Developer (con't)
Glenmarie Properties Sdn Bhd* GUH Properties Sdn Bhd * Guocoland (Malaysia) Bhd * Golden Suncity Sdn Bhd Hap Seng Consolidated Bhd * Hap Seng Land Sdn Bhd * Hap Seng Land Development Sdn Bhd Hap Seng Properties Development S/B * Hap Seng Property Investment Sdn Bhd* Hap Seng Reality (Auto) Sdn Bhd * Hap Seng Building Materials Sdn Bhd Hap Seng Consolidated Berhad Hanson Quarry Products Sdn Bhd Hatten Group Sdn Bhd Hedgeford Sdn Bhd Hicom Gamuda Development Sdn Bhd Hillpark Resources Sdn Bhd * Ho Hup Teratai Sdn Bhd Homestead Development Sdn Bhd Hunza Properties (Wilayah) Sdn Bhd Idamansara Homeowners Berhad* Ideal Gim Venture Sdn Bhd Ideal Homes Properties Sdn Bhd Ideal Management & Services Sdn Bhd Ideal Property Development Sdn Bhd IGB Corporation Berhad * I-Global Property Network Sdn Bhd * IJM Land Berhad * IJM Land Berhad (Penang) * IMC Holding (Malaysia) Sdn Bhd Intelliweb Networking Sdn Bhd Intan Gadang Sdn Bhd IOI Properties Berhad * I&P Alam Impian Sdn Bhd * I&P Group Sdn Bhd * I&P Kota Bayuemas Sdn Bhd * Ivory Properties Group Ivory Villas Sdn Bhd Jade Homes Sdn Bhd * Jakel Development Sdn Bhd Jatidiri Gigih Sdn Bhd * Johbase Development Sdn Bhd * Joint Management Body, MK10 Jurutera Perunding Kinakota Sdn Bhd KAJ Development Sdn Bhd*	Kajang Resources Corporation * KDU College (PG) Sdn Bhd * Kejuruteraan Bintai Kindenko Sdn Bhd Kelana Muda Sdn Bhd Keller (M) Sdn Bhd Ken Holdings Berhad * Keringat Global Sdn Bhd Khuan Choo Property Management Sdn Bhd Kiara East Property Sdn Bhd Kinta Properties Group Sdn Bhd KKS Seong Holdings Sdn Bhd Kuala Dimensi Sdn Bhd KTC Construction Sdn Bhd Land & General Berhad Law Development Sdn Bhd* Legend Grand Development Sdn Bhd * Listari Marina Sdn Bhd * Long Kee Piling Works Sdn Bhd LTS Skyline Sdn Bhd Macro Resources Sdn Bhd* Mah Sing Group Berhad * Mahkota Medical Centre Malton Berhad * Mass Rapid Transit Corporation Sdn Bhd Matrix Concepts Holdings Berhad * Maxisegar Sdn Bhd * Mayang Development Sdn Bhd Mega First Housing Development Sdn Bhd * Meinhardt (M) Sdn Bhd Memang Jati Sdn Bhd Menta Land Sdn Bhd Metro Kajang Holdings Berhad * MRCB Land Sdn Bhd MRCB Sentral Properties Sdn Bhd Metroplex Bhd * Mirajati Services Sdn Bhd M K Land Holding Bhd * MKH Berhad* M.K. Project Management Sdn Bhd * MMC Engineering Services Sdn Bhd* MMC Gamuda KVMRT (PDP) Sdn Bhd * Modular Platinum Sdn Bhd * Medini Iskandar Malaysia Sdn Bhd Ms. Lake City Sdn Bhd Naim Land Sdn Bhd *

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(F) Developer (con't)	(F) Developer (con't)
Naza TTDI Sdn Bhd * NCT Building & Civil Engineering * Newfields Property Management Sdn Bhd Nirvana Memorial Park (Penang) Sdn Bhd Noble Rights Sdn Bhd * Nova Century Development Sdn Bhd Nusajaya Development Sdn Bhd * Nusajaya Heights Sdn Bhd * Nusajaya Lifestyle Sdn Bhd * Nusajaya Premier Sdn Bhd * Nusajaya Rise Sdn Bhd * Nusajaya Medical Park Sdn Bhd Ocened Water Technology Sdn Bhd One Residence Sdn Bhd OSK Property Holdings Berhad* OPUS International (M) Bhd * Orchard Park Sdn Bhd * Orientis Solutions Sdn Bhd Paramount Solaris Sdn Bhd Perdana Parkcity Sdn Bhd Permodalan Nasional Berhad Perusahaan Sara Holdings Pelanduk Puncak Sdn Bhd Perspektif Masa Sdn Bhd * Petronas Gas Berhad * Pedoman Cekap Sdn Bhd (Law Development S/B) Pilihan Megah Sdn Bhd Pinggiran Mentari Sdn Bhd PJ City Development Sdn Bhd Plenitude Heights Sdn Bhd Plenitude Tebrau Sdn Bhd Plus Expressways Berhad * POIC Sabah Sdn Bhd * Portico Sdn Bhd Prestigious Landmarks Sdn Bhd PPB Hartabina Sdn Bhd PPB Property Development Sdn Bhd * PPC Glomac Sdn Bhd * Premium Medical Product Sdn Bhd Prima Nova Harta Development Sdn Bhd Prinsiptek (M) Sdn Bhd * Promotevest Services Sdn Bhd PT Khaleda Agroprima Malindo * Puchong Kinrara Development Sdn Bhd Putrajaya Holdings Sdn Bhd Real Luxury Sdn Bhd Regal Form Sdn Bhd	Road Builder (M) Holdings Sdn Bhd Robson Condominium Management Saiwai Land Sdn Bhd Salon Films (M) Sdn Bhd* Saujana Triangle Sdn Bhd * Samsung C&T (KL) Sdn Bhd* Savills (Project Management) Sdn Bhd* SDB Ampang Sdn Bhd SDB Properties Sdn Bhd * Selat Makmur Sdn Bhd Senai Airport City Sdn Bhd Serai Saujana Development Sdn Bhd Serba Sentosa Sdn Bhd * Seri Alam Properties Sdn Bhd Seri BBJ Sdn Bhd Seri Meraga Properties Sdn Bhd Sime Darby Sunrise Development Sdn Bhd* Sime Darby Property Berhad * Sime Darby Melawati Development Sdn Bhd* Sime Darby USJ Development Sdn Bhd Sinar Pembangunan Sdn Bhd Spanland Sdn Bhd * SP Setia Bhd * SPPK Sdn Bhd * Sri Damansara Sdn Bhd Stand Allied Corporation Sdn Bhd* Storyworld Sdn Bhd Superview Development Sdn Bhd Sunglobal Resources Sdn Bhd* Sunrise Berhad * Sunrise Incubation Sdn Bhd * Sunrise Innovations Sdn Bhd* Sunway City (Ipoh) Sdn Bhd * Sunway City (Penang) Sdn Bhd Sunway Greenview Sdn Bhd * SunwayMas Sdn Bhd * Sunway Geotechnics (M) Sdn Bhd * Sunway PKNS Sdn Bhd Sunway South Quay Sdn Bhd * Sunway Kiara Sdn Bhd Sunway Integrated Properties Sdn Bhd * Sunrise Project Services Sdn Bhd * Syarikat Pembinaan Yeoh Tiong Lay S/B * Symphony Hills Sdn Bhd* Symphony Life Sdn Bhd* Symphony Projects Management Sdn Bhd*

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(F) Developer (con't)	(F) Developer (con't)
Southville City Sdn Bhd* Talam Industries Sdn Bhd * Taman TAR Development Sdn Bhd * Tanming Berhad * Tan & Tan Developments Berhad * Taraf Stabil Sdn Bhd Temara Pekeliling Sdn Bhd* Tenaga Gagah Sdn Bhd * The Metro Kajang Group * Themed Attractions Resorts & Hotels Sdn Bhd * Tradewinds Plantations Services Sdn Bhd * Tradewinds International Sdn Bhd Trinity Group Sdn Bhd Tropicana Ivory Sdn Bhd TRX City Sdn Bhd TTDI Development Sdn Bhd * Tujuan Gemilang Sdn Bhd UEM Builders Bhd *	UEM Land Berhad * UEM Land Holdings Berhad * UEM Sunrise Berhad* Unique Budget Sdn Bhd United Malayan Land Bhd * USJ One Avenue Sdn Bhd Valencia Development Sdn Bhd * Veolia Water Services Malaysia Sdn Bhd * Vietnam International Township Development Vienna View Development Sdn Bhd * Wangsa Tegar Sdn Bhd WFC Development Sdn Bhd * Wijaya Baru Sdn Bhd XMU Jiageng Education Development Sdn Bhd* World Finder Resources Sdn Bhd YTL Corporation Berhad * Yong Tai Berhad Zhinmun Sdn Bhd

(F) Developer (con't)	(G) Manufacturer
	Amochem Sdn Bhd * CMS Cement Sdn Bhd Concrete Engineering Products Berhad * Eko Pulp & Paper Sdn Bhd Enviro Composite Materials Sdn Bhd Freight Mark (M) Sdn Bhd French Fries (M) Sdn Bhd Malaysian Cement Berhad (APMC) * Megasteel Sdn Bhd * NTT MSC Sdn Bhd Sheng Cheong Leather Sdn Bhd Silver Bird Group Berhad Tat Sing Plastic Industry

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(H) Oil & Gas Company	(I) Others Private Client
Aker Solutions Umbilicals Asia Pacific Asian Geos Sdn Bhd Esso Malaysia Berhad * KLLT Oil Industries Sdn Bhd Malaysia Marine and Heavy Engineering Sdn Bhd (MMHE) Mapo Industries Sdn Bhd Petrolam Nasional Berhad (PETRONAS) Petronas Research & Scientific Services S/B * PS Pipeline Sdn Bhd Stolthaven (Westport) Sdn Bhd	AirAsia Berhad * AstraZeneca Sdn Bhd Badan Pengurusan Pandan Mewah Heights Badan Kebajikan Ti-Ratana, Dato' Siah Cameron Fresh Farm Sdn Bhd Datastream Corporation Sdn Bhd Dato' Ir. Dr. Gue See Sew En. Ahmad Fakhri Hamzah Edaran SWM Sdn Bhd HD Foundation Engineering & Construction Co. Ltd. House Owners at Jalan Jugra, KL International Modern Arabic School (IMAS) Kelab Darul Ehsan Klang Chinese Methodist Church KLCC Urusharta Sdn Bhd Kuwai Finance House La Grande Kiara Management Corporation Lafarge Malaysia * Mahkota Medical Centre Maxis Communication Berhad * Medic-Borneo Specialist Hospital Sdn Bhd Mr. Bob Gabriel Multibay Development Sdn Bhd Mekajuta Sdn Bhd NV Multi Corporation Berhad * ECM Libra Financial Group * Hyper Act Marketing Sdn Bhd* Mr. Chow Chee Wah Mr. Lim Kuoh Wee Mr. Philip Lee Mr. Mun See Fun Mr. Patrick Chin Yoke Chung Mr. Stephen Leggett Mr. Harvinder Ms. Chan Mo Lin Mr. Raymond Chong Ms. Stephanie Lee Ms. Wendy Tan Mr. John Madsen Pantai Management Resources Sdn Bhd Pelabuhan Tanjung Pelepas (PTP) * Prima Point Sdn Bhd

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(I) Others Private Client (con't)	(J) Foreign Client
Proksi Wawasan Automation Sdn Bhd Puan Fatimah Karim Puan Ranita PV10 Management Corporation Rahman Hydraulic Tin Sdn Bhd * Sapura Resources Berhad * Selangor Hokkien Association Shell Malaysia Trading Sdn Bhd * Satin Magic Sdn Bhd Sistem Televisyen Malaysia Berhad * Southsea Gold Sdn Bhd Star Publications (M) Sdn Bhd * Tanjung Bin Energy Issuer Berhad * Totalap Sdn Bhd WiraDani Development Sdn Bhd Yayasan Tzu Chi Dato' Mah Siew Kwok Dato' Sri Dr. Wong Yean Chan	<u>Consultant :</u> CPG Consultants Pte. Ltd., Singapore JICA Study Team, Japan KTP Consultants Pte. Ltd. SGS Korea Fuyyu Capital Sdn Bhd <u>Contractor :</u> Daiho Corporation Obayashi Corporation Sdn Bhd P.T. Sumatra Timurindonesia, Indonesia Swee Sdn Bhd Taisei Corporation, Japan Taisei-Sunway Joint Venture Ssangyong Engineering & Construction Co., Ltd <u>Developer :</u> Reliance Development, Brunei PT ECOOILS JAYA INDONESIA <u>Others :</u> Aker Kvaerner Subsea AS Technip Geoproduction (M) Sdn Bhd Adani Wind Energy Guj Pvt Ltd

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