

## List of Engineering Services



No	Company	Address	Specialising in				Core Services	Top 5 Projects	ESG Compliance	ISO	Contact No (4SG)	Email	Contact Person	Webpage
			Civil	Structural	Mechanical	Electrical								
1	Arup Jururunding Sdn Bhd	Gurney Paragon Mall Level 6 Lots L6.01-L6.09 163-D Persiaran Gurney 10250 Penang Malaysia.	✓	✓	✓	✓	1. Civil 2. Structural 3. Geotechnical 4. Electrical 5. Mechanical	1. Dexcom Factory 3 Phases 2,3,4, Bandar Cassia, Batu Kawan, Penang 2. Intel PG12 3-Storey Manufacturing Facility, Bayan Lepas, Penang 3. Motorola ESG Manufacturing Facility on Plot 2, Bayan Lepas, Penang 4. Calctronic Electronic Single-Storey Factory, Batu Kawan, Penang 5. Site Due Diligence Data Centers at Petaling Jaya & Cyberjaya, Selangor	Yes	1. ISO 14001:2015 2. ISO 9001:2015 3. ISO 45001:2018	04-253 3800 / 012-485 3649	sk- kwang.wong@arup.com	Ir Wong Sik Kwang	<a href="http://www.arup.com/">http://www.arup.com/</a>
2	CADVision Systems Penang Sdn. Bhd.	No.57-1 & 57-2, Jalan Icon City, 14000 Bukit Mertajam, Penang.		✓	✓		1. Engineering Solution Provider (CAD/CAM/CAE/PDM/ERP/MES, from design to manufacturing solution) 2. SolidWorks, SolidCAM & Engineering Training 3. SIRI Assessment (Industry 4.0 transformation) 4. Virtual commissioning with DIGITAL TWIN 5. Improving Offshore Jacket Installation Piling	1. Enhanced efficiency of Simultaneous CNC Milling process 2. Streamlining the design and development process 3. Accelerating Office Equipment Production 4. Virtual commissioning with DIGITAL TWIN 5. Improving Offshore Jacket Installation Piling	1. Community Development and Engagement 2. Employee Well-being and Diversity Programs	1. ISO 9001: 2015	04-505 7741	shenny@cad-vision.com.my	Shenny	<a href="https://www.cad-vision.com.my/">https://www.cad-vision.com.my/</a>
3	Cisspr Sdn. Bhd.	360-4-1 (Room 1), Bellica Row, Jalan Burma, 10350 Georgetown, Penang, Malaysia.				✓	1. Electromagnetic Fields 2. Radio Frequency 3. Reliability, Environmental 4. Electrical 5. Mechanical 6. Safety 7. Regulatory 8. Type Approvals 9. Test and Certification	1. EMC Laboratory 2. RF Radiation Safety Test and Certification for 25 Masjid and Surau s 3. RF Radiation Safety Certification for 10 Manufacturing Facilities	No	No	012-477 4688	hchee.cisspr@gmail.com	Chee Lay Heng	<a href="http://www.cisspr.com">www.cisspr.com</a>
4	Critical Holdings Berhad	1-2-1 Summerskye Square, Jalan Sungai Tiram 8, 11900 Bayan Lepas, Penang.			✓	✓	1. Solution provider for Data Centre, Plantroom, Cleanroom & Process Utility needs. 2. Design and build 3. Project management 4. Supply, installation, testing and commissioning of MEP systems for newly built critical facilities 5. Redevelopment, refurbishment and upgrading of existing critical facilities 6. Maintenance and service support	1. USA based memory module manufacturer, Batu Kawan, Penang 2. Taiwan based independent semiconductor test and assembly, Bayan Lepas, Penang 3. USA based advanced materials manufacturer (Kulim, Kedah) 4. Malaysian telecommunications infrastructure conglomerate, Kulai, Johor 5. USA based personal computer products and services, Bayan Lepas, Penang	Yes	1. 9001:2015	012-423 5948	andrew.chew@critical-eng.com	Andrew Chew	<a href="https://critical-eng.com/">https://critical-eng.com/</a>
5	Greenbay CES (PG) Sdn Bhd	133-135, Medan Kikik 1, Taman Inderawasih, 13600 Prai, Penang.			✓	✓	1.Data Centre solution provider that supplies products such as Uninterruptible Power Supply (UPS) – Single Phase or Three Phase, Smart Modular Data Center, Precision Air Conditioner (PAC), Environmental Monitoring System (EMS), Raised Floor System, Water leak detection system (WLDS), IT rack & Power Distribution Unit (PDU) and etc. 2.We specialise in Turnkey Projects, including: a.Design & Build b.Project Management c.Maintenance – equipment such as UPS, PAC, EMS and battery replacement for UPS.	1.Micron Batu Kawan – Data center turnkey project 2.Dexcom Batu Kawan – UPS, PAC, Rack PDU 4.Lam Research Batu Kawan – UPS & Rack PDU 5.Island Hospital Penang – UPS, PAC, EMS, Raised Floor System, WLDS, IT rack & Rack PDU	No	1. ISO Compliance (Certificate No. 17132 ISO9001:2015)	04-398 8168 / 012-577 4129/ 012-474 7031	sales@greenbayces.com	CY Wong/ Feng	<a href="http://www.greenbayces.com">www.greenbayces.com</a>
6	Hup Soon Mechanical Works Sdn Bhd	4863, 4864, Mak Mandin Industrial Estate, Jalan Permatang Pauh, 13400 Butterworth, Pulau Pinang.	✓		✓		1. Automotive Engineering 2. Machining, Repair and Maintenance 3. Quarry Operations 4. Control Blasting and Management 5. General Contractors 6. Earthworks, Replant and Bulldozing Engineering 7. Hiring of Excavators, Shovels, Tipper Lorries and Dump Trucks 8. Engine Block, Cylinder Head, Crankshaft Repair, Mechanical parts machining and fabrication, Mechanical Repairs, Quarry Operations and Contracts	1.Quarry Turnkey Contractor for Kuad Quarry, Penang 2.Rental of Heavy Machineries for Rahman Hydraulic Tin Sdn Bhd 3.Turnkey Contractor for Hundred Gold Properties in Sintok, Kedah for stripping and overburden 4.Turnkey Contractor for CIMACO Quarry in Chuping, Perlis 5.Repair and Maintenance jobs for Ann Joo Steel, Ann Joo Integrated, Southern Steel, Southern Mesh, Muda Paper Mills, TNB Power Station, Rahman Hydraulic Tin 6.Proposed LPG Room, WWP, and Spray Booth Base for Armstrong Industries Sdn Bhd	No	No	04-333 3280 / 017-410 1687 / 011-1069 7081	hsmwrb@gmail.com	Gerald Chiu Yao Ren / Gavin Chiu Yao Yuan	<a href="http://www.hupsoon.my">www.hupsoon.my</a>

No	Company	Address	Specialising In				Core Services	Top 5 Projects	ESG Compliance	ISO	Contact No (+60)	Email	Contact Person	Webpage
			Civil	Structural	Mechanical	Electrical								
7	Perunding YAA Sdn Bhd	45, Jalan Free School, 11600 Jelutong, Pulau Pinang	✓	✓			1. C&S Structural Design	1. Moat Explanade 2. Exsim Macalister 3. Climate Batu Kawan (Factory) 4. Eco Horizon Batu Kawan (Semi D and Terraces)	1. Renewable Energy - EPCC Consortium for Solar Farms (Beaufort, Sabah) and Carports 2. Climate Change and Biodiversity through Urban Regeneration Schemes including upgrading of the Seawall at Esplanade, Rejuvenation of Sia Boey - Urban Archeological Park, Dataran Merdeka Heritage Precinct Masterplan under Khazanah Nasional Berhad 3. Reducing Carbon Emission and Footprint via numerous Urban Renewal Projects such as UAB Building and Fort Cornwallis, UNESCO World Heritage Site of George Town	No	016-441 8300 / 04-281 1717	michael.yap@perundingyaa.com.my / design@perundingyaa.com.my	Dato' Ir Yap Ching Chau / Michael Yap	www.perundingyaa.com.my
8	Polycool Hte Engineering Sdn Bhd	21, Tingkat Limbungan Satu, Chain Ferry Complex, 12100 Butterworth, Penang			✓	✓	Turnkey/ Design & Build MEP Contractor specializing in 1. Cleanroom System 2. Industrial Process Piping System 3. Industrial Exhaust System 4. Production Line Set up 5. Clean Environment Equipment 6. Air-Conditioning & Refrigeration System.	1. Micron Memory Malaysia Sdn Bhd 2. Western Digital Media (M) Sdn Bhd (PN2 Retrofit Project) 3. Ultra Clean Technologies (M) Sdn Bhd 4. TF AMD Microelectronics Sdn Bhd 5. TTM Technologies Malaysia Sdn Bhd	No	1. ISO 9001:2015	019-444 6561	etchnp@polycool.com.my	Chng Gim Teik	www.polycool.com.my
9	Meinhardt EPCM Sdn Bhd	Unit 2A, Level 14, Menara Boustead Penang, 39, Jalan Sultan Ahmad Shah 10050 Penang	✓	✓	✓	✓	1. End to End Engineering Consultancy 2. C&S 3. MEP 4. Safety Design 5. PM/CM 6. Uptime 7. BIM 8. BMS 9. GBU 10. T&C 11. Permitting Services	1. Continental Automotive Components, Prai	Yes	1. ISO 37001:2016 2. ISO 14001:2015 3. ISO 45001:2018 4. ISO 9001:2015	016-716 9223	perry.peramin@meinhardtgroup.com	Perry Peramin	www.meinhardtgroup.com
10	Promserv Engineering Sdn Bhd	27 Lorong Nagasari 2, Taman Nagasari, 13600 Prai, Penang.				✓	1. Specialised in system fault diagnosis and power condition monitoring of electrical installations.	1. Electrical installation certification in FTZ	No	1. ISO 9001	04-399 5945 Ext: 20	tanjh@promserv.com.my	Tan Phaik Hooi Dol Iia Ting 04-399 5945 Ext:11	http://www.promserv.com.my
11	Synertec Asia (M) Sdn Bhd	253G-5-5, Premier Centre, Jalan Burma, 10350 Penang	✓	✓	✓	✓	1. Engineering Design 2. Project and Construction Management 3. GMP Consultancy	1. PMC for BBraun (Medical Device) @Penang 2. Project and Construction Management @Penang 3. EPCM for Sandvik (BEV Plant) @Negeri Sembilan 4. Engineering Design for Hovid (Pharma) @Ipoh 5. EPCM for Kapa-SP (Pharma) @Melaka	Yes	1. ISO 9001	012-6678802	tf.sok@nieckermann.com	Sok Tat Fu	www.nieckermann.com
12	Vekthor Sdn Bhd	1A-2-02 (1205) @ One Precinct, Lintang Mayang Pasir 3, 11950 Bayan Lepas, Penang.	✓	✓	✓		1. Advanced Simulation Based Engineering Analysis. 2. Á Static / Dynamic Analysis 3. Linear / Non-linear 4. Fluid Structure Interaction 5. Design Optimisation 6. Impact Analysis 7. Fracture Mechanics 8. Slamming Analysis 9. Fatigue Analysis 10. Steady State 11. Advanced simulation based analysis, FEA, CFD.	1. Redundancy analysis for Dongheea 1 offshore jacket structure (Korea) 2. Degree of Bending (DOB) input for RBI sensitivity study on South Arne lattice tower for Ramboll A/S on behalf of Hess Denmark ApS 3. Exhaust stack for offshore processing facility for ExxonMobil Exploration and Production Malaysia Inc. 4. Fatigue analysis on dehydration absorber for Honeywell UOP 5. Blast load analysis on safe habitat (northern Europe)	Yes	No	04-619 2585; 012-581 6538	vk@vekthor.com	Ir Yugalalan Koothayan	https://www.vekthor.com/
13	Vision System Aspire Tech Sdn Bhd	133-135, Medan Kikik 1, Taman Inderawasih, 13600 Prai, Penang.			✓		1.VSAT is dedicated to supplying essential life & safety solutions for a range of industries across Malaysia, specifically for those with critical environment requirement such as data center, clean rooms and semiconductor facilities, warehouse and more. Our expertise includes clean agent fire suppression system and Very Early Warning Smoke Detection with FM/UL compliance. 2.Turnkey Projects which covering: a.Design & Build b.Project Management c.Maintenance	1.Micron Batu Kawan – VEWS, Fire Suppression System 2.Lam Research Batu Kawan - VEWS, Fire Suppression System 3.TTM Technologies Malaysia, Science Park Penang – VEWS 4.Boston Scientific Batu Kawan – VEWS, Fire Suppression System 5.SanDisk Storage Malaysia Batu Kawan – Fire Suppression System	No	1. ISO Compliance Certificate No: 16420 ISO9001:2015	04-398 8168 / 016- 443 6920 / 012-428 6123	sales@vsat.com.my	Vinee Kang / Daryl Khoo	www.vsat.com.my

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Note: Companies/Agencies not in the list and would like to be included in the list, please contact Tel: 04-646 8833 or Email: enquiry@investpenang.gov.my