

## STRUCTURES- HIGH RISE BUILDINGS,INDUSTRIAL BUILDINGS,RESORTS DEVELOPMENT

NO	PROJECT	YEAR	PROJECT COST (USD)	PROJECT DETAILS	CLIENT	APPROACH			SCOPE OF SERVICES							
						CONVENTIONAL DESIGN	DESIGN & BUILD	PRIVATISATION	PLANNING/STUDY	PRELIMINARY DESIGN	DETAILED DESIGN	CONSTRUCTION SUPERVISION	CONTRACT MANAGEMENT	PROJECT MANAGEMENT	ENVIRONMENTAL	
<b>HIGH RISE COMMERCIAL / RESIDENTIAL / INSTITUTIONAL / RESORTS</b>																
1	Resort Development at Terengganu	2006	RM 40 million USD 11.1 million	Integrated resort on 18 hectares comprising hotels, restaurants, hotel suites. Club lodge, chalets, spa and recreational facilities Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Peremba (M) Sdn Bhd	●			●	●	●	●	●			
2	Crescent Bay -Residential Tower 2	2007	RM 245 million USD 68 million	3 blocks of residential tower buildings ranging from 22-26 floors with a total of 460 units Detailed design of all civil, structural, mechanical and electrical works	EMAAR, Pakistan	●			●	●	●	●	●			
3	Proposed Extension for Police Training Centre at Jin Semarak, Kuala Lumpur	2006	RM 300 million USD 83 million	Project comprises 20 new buildings-Commander Camp, Academic Training, Complex, Simulation Centre, Sports Complex, Hostel Facilities, Logistic Complex, Convention Centre, Transport Logistic Centre, Radio Telecommunication Workshop Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Pembinaan BLT Sdn Bhd	●			●	●	●	●	●			
4	Jacaranda Club and Associated Facilities, DHA Phase II, Islamabad, Pakistan	2006	RM10.8 million USD 3 million	Development of residential apartments, sports complex and associated facilities, marriage hall, amphitheatre and plant room Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Maxcorp(Pakistan) Ltd	●			●	●	●	●	●			
5	Mangla View Resort , Jhelum, Pakistan	2005	RM288 million USD 80 million	300 acres resort with mixed development comprising residential units, hotel facilities, yacht club and marina Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Mangla View Resort Pte. Ltd	●			●	●	●	●	●			
6	Embassy Court, Kuala Lumpur	2005-2006	RM96.3 million USD 26 million	Development of 41-storey condominium Concept and preliminary design of all civil, structural, mechanical and electrical works	Embassy Court Sdn Bhd	●			●	●						
7	Polisas, Kuantan Kuantan , Pahang	2000-2006	RM 43 million USD 11.8 million	New administrative buildings and refurbishment of existing buildings Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Ministry of Education	●			●	●	●	●	●			
8	YCS Building Commercial Complex at Lot PT 11097 ,Selangor	1996-2001	RM119 million USD 33 million	2 Blocks of 17-storey Office, 4 Storey Podium and 4 Storey Basement Detailed design, tender documentation and construction supervision of all civil and structural works	Perumahan Chianion Sdn Bhd	●			●	●	●	●	●			
9	Recreation cum Clubhouse Complex, Namibia, Africa	1994	NA	Recreational Club House and facilities Conceptual design for all civil, structural and M & E works	Government of Namibia				●							
10	LPK Commercial cum Office Building Klang, Selangor	1993 - 1998	RM 47.8 million USD 13.3 million	22 storey Office cum Business Complex and Tower Block Detailed design, tender documentation and construction supervision of all civil and structural works	Port Kelang Authorities	●			●	●	●	●	●			
11	Extension of Medical Faculty, University of Malaya, Kuala Lumpur	1995-1999	RM 12.6 million USD 3.5 million	3 blocks of buildings from 2 to 4 storeys Detailed design, tender documentation and construction supervision of all civil and structural works	University of Malaysia	●			●	●	●	●	●			
12	Fajaria Condominiums Kuala Lumpur	1992-1995	RM 19 million USD 5.3 million	16 storey tower block and 8 storey building for residential use Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Urban Development Authority	●			●	●	●	●	●			

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13	Taman Pinji Condominiums Kuala Lumpur	1991-1996	RM90million USD 25.3 million	4 blocks of 26 storey apartments Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Taman Pinji Sdn Bhd	●			●	●	●	●	●			
14	Allson Klana Condominium Project, Seremban	1991-1993	NA	Condominiums and clubhouse facilities Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Allson Klana S B	●			●	●	●	●	●			
15	Stadium Astro turf Kelang Kelang, Selangor	1991-1993	RM 3.5 million USD 1.0 million	Redevelopment of the hockey stadium with grandstand , VIP rooms, offices and changing facilities Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Majlis Perbandaran Kelang	●			●	●	●	●	●			
16	Market Complex on Lot 334, Klang	1991-1994	RM 12.6 million USD 3.5 million	Commercial Building Detailed design, tender documentation and construction supervision of all civil and structural works	Kelang Municipal Council	●			●	●	●	●	●			
17	PENS Hotel Kangar, Perlis	1993-1996	RM 50 million USD 14 million	3 storey building and 12 storey office block Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	PENS Hotel	●			●	●	●	●	●			
18	High-rise Housing on Lot 1959 ( 5 and 12 - storey ) Kuala Lumpur	1986 - 1989	RM 5 million USD 1.3 million	High rise Residential Building Geotechnical investigations, civil and structural design and mechanical and electrical services	Sunrise Sdn Bhd	●			●	●	●	●	●			
19	Petaling Jaya Medical Centre Selangor	1991 Project was shelved after completion of design	RM 4.9 million USD 1.36 million	160- bed Private Hospital Civil, structural, M&E and electrical / tele-communications services.	Petaling Jaya Medical Group Sdn Bhd	●			●							
20	Padang Besar Shopping Arcade ( Medan Kangar) Perlis	1987-1991	RM27.2million USD 7.6million	4-storey Commercial Complex Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	PKENP	●			●	●	●	●	●			
21	Business and Commercial Complex in Pulau Indah, Klang, selangor	1997	RM 57 million USD 15.8 million	4-storey Shopping Complex and 22- storey Office block Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Port Klang Authority	●			●	●	●	●	●			
22	Kwong Yik Bank (6 1/2 Storey) Kuala Lumpur	1985-1988	NA	6 and half storey building Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Kwong Yik Bank Bhd	●			●	●	●	●	●			
23	Electrical Substation (12 Nos) Shah Alam, Tanjong Malim, Bt Kepong, Renggam, Port Klang, Tangkak, Kangar, Tasik, Kuala Kangsar, Alor Gajah, Song Sang, Skudai	1986-1989	NA	Electric substations Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	National Electricity Board	●			●	●	●	●	●			
24	28 Storey NLFCS Head-quarters, Kuala Lumpur	1983-1987	RM29 million USD 8 million	28- storey office tower , with elevated car parks and an underground auditorium Geotechnical investigations, foundations design and super-structure design. Construction technical advisory services.	National Land Finance Cooperative Society	●			●	●	●	●	●			

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25	Subang Jaya Twin Tower Blocks Selangor	1983-1986	RM29 million USD 8 million	14 and 17 levels Twin Tower Office Block Soils investigation, foundation, design, civil and structural design of superstructure and construction supervision.	United Estate Project Bhd	●			●	●	●	●	●			
26	Teachers Training College Sri Pinang, Penang	1982-1985	RM10.5 million USD 2.9 million	17- storey tower block providing residential quarters, and a 6 storey podium for offices and lecture rooms, gym, workshop and other facilities Detailed design, tender documentation and construction supervision of all civil and structural works	Public Works Dept. Ministry of Education	●			●	●	●	●	●			
27	Construction of Hostel and Extension of Block for USM, Penang	1981 - 1986	RM7.5 million USD 2.1 million	Residential Hostel complete with facilities Civil and structural works, design and construction supervision of infrastructure and building services	University Sains	●			●	●	●	●	●			
28	Shopping Complex at Taman Melawati, Kuala Lumpur	1989-1992	RM 19 million USD 5.3 million	Commercial Complex Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Negara Properties	●			●	●	●	●	●			
29	Gombak District Office Selangor	1989-1992	NA	Institutional Building Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Majlis Daerah Gombak	●			●	●	●	●	●			
30	6-Storey Bank Rakyat Building Johor Bahru	1985-1988	NA	6- storey Building Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Bank Rakyat	●			●	●	●	●	●			
<b>INDUSTRIAL BUILDINGS / PLANTS</b>																
1	Kemira Kuok Fertiliser Plant Selangor	1998-2000	RM 19.9 million USD 5.5million	Fertiliser cum Storage Plant Detailed structural,civil and M & E design, construction supervison and commissioning of M & E services	Kemira Kuok Fertiliser Sdn Bhd	●			●	●	●	●	●			
2	Prai Power Plant-350 MW CCGT	2000-2004	RM1 million USD .028 million	New administration building,demolition works of power house building and foundation, design of cable end crading, fuel oil tank and foundation, 2600 cu m water storage tank,dosing plant house and store new oil pipeline Engineering investigations, site works, conditions survey, detailed design and construction supervision.	Prai Power Sdn Bhd	●			●	●	●	●	●			
3	Multi Storey Building Finance Division, Selangor	1995-1997	RM23.7 million USD6.6 million	Extension of factory space Layout assessment and detailed structural design.	DMIB	●			●	●	●	●	●			
4	Platformer 2 Revamp of Port Dickson Shell Oil Refinery Sembilan	1993-1996	NA	Administration Building Detailed structural,civil and M & E design, construction supervison and commissioning of M & E services	Port Dickson, Shell Oil Refinery	●			●	●	●	●	●			
5	Proposed New Flare System at Lutong Oil Refinery, Sarawak	1992-1995	RM288 million USD 80 million	Administration Building Detailed structural design of the new flare system which includes a 32 m span steel bridge and support system for piping	Sarawak Shell Bhd	●			●	●	●	●	●			
6	Upgrading of Line 2 from 1200 tonnes to 2400 tonnes per day, Perlis	1991-1994	NA	Expansion of the Cement Factory to facilitate increase production capacity Project management comprising of Engineering specifications, site investigation, soil survey, sub-soil analysis and piling and foundation recommendations, certification of works, construction supervision and monitoring	Cement Industries of Malaysia	●			●	●	●	●	●			●
7	SMDS Bintulu Project Bintulu Sarawak	1989-1994	RM288 million USD 80 million	Support Buildings ( administration, analyser house, chiller building, canteen, control building, substations and auxiliary buildings Detailed design, tender documentation and construction supervision of all civil, structural, structural, mechanical and electrical works	JDC Corporation	●			●	●	●	●	●			

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8	Chlor Alkali Plant, Pasir Gudang Johor	1989-1992	RM13.3 million USD 3.7 million	Factory Building Detailed design, tender documentation and construction supervision of all civil, mechanical and electrical works	ICI	●			●	●	●	●	●			
9	Rubber Thread Factory Perak	1989-1992	RM7.5 million USD 2.1 million	Factory Building Detailed design, tender documentation and construction supervision of all civil, mechanical and electrical works	Rubfill Sdn Bhd	●			●	●	●	●	●			
10	Pasir Gudang Warehouse Pasir Gudang Port, Johor	1998-1992	RM18.7 million USD 0.5 million	Warehouse Building Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Johor Port Authorities	●			●	●	●	●	●			
11	ICI/LPK Ammonia Plant North Port, Klang, Selangor	1987-1988	RM2.9 million USD 0.8 million	Factory Building Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Chemical Company of Malaysia	●			●	●	●	●	●			
12	Pernas-MISC Shipping Agencies Headquarters and Warehouses Selangor	1985-1988	RM 3.2 million USD 0.9 million	Office and Warehouses Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Pernas-MISC Agencies Sdn Bhd	●			●	●	●	●	●			
13	Risda Smokehouse Complex Sri Gading, Johor	1985-1986	RM 2.0 million USD 0.6 million	Factory Building Detailed design, tender documentation and construction supervision of all civil, structural, M&E works	RISDA	●			●	●	●	●	●			
14	MPPJ Workshops Selangor	1985-1987	RM2.9 million USD 0.8million	Workshop Buildings for maintenance of vehicles Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Majlis Perbandaran Petaling Jaya	●			●	●	●	●	●			
15	Perlis Cement Plant Chuping, Perlis	1983-1986	RM66.6 million USD 18.5 million	Factory Building Civil and structural certifications and project management	Cement Industries of Malaysia	●			●	●	●	●	●			
<b>ROADS, BRIDGES, INTERCHANGES AND HIGHWAYS</b>																
1	Karachi Elevated Expressway	2006	RM 1.4 billion USD 400 million	24.5 km highway dual 2-lane and dual 3-lane elevated expressway from Jinnah Bridge to Quaidabad in Karachi City. The project includes 6 interchanges, toll plazas, bridges and associated highway facilities and utilities Detailed design, tender documentation for civil structural, mechanical and electrical works	IJM Corporation Bhd / City District Government of Karachi	●			●	●	●	●	●			
2	Pulau Bunting Crossing Yan Kedah	2003-2006	RM 95 million USD 26.3 million	2 km bridge of 300m approach span and 80 m navigation span Preliminary design, Detailed design	Gamuda Bhd	●			●	●	●	●	●			
3	Subang West Interchange Selangor	1997-1998	RM303 million USD 84.2 million	Road improvement and interchange Detailed civil, structural, mechanical and electrical works.	Majlis Perbandaran Subang jaya	●			●	●	●	●	●			
4	B15 Putrajaya Access Highway Selangor	2000-2003	USD 57 million USD 16 million	12 km of road and 3 interchanges Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Public Works Department	●			●	●	●	●	●			
5	Jln Pahang/ Gombak Kuala Lumpur	1996-2000	RM24.5 million USD 6.8 million	Road and Interchange improvement works Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	Public Works Department	●			●	●	●	●	●			
6	Toll Plazas for North-South Expressway (12 Nos), Johor	1993-1994	NA	Toll plazas and administration offices Detailed design, tender documentation and construction supervision of all civil, structural, mechanical and electrical works	PLUS	●			●	●	●	●	●			
7	Kuala Lumpur Interchanges Kuala Lumpur	1989-1993	RM270 million USD 65.8 million	Flyovers and road interchanges, Total of 5 Nos. Detailed civil, structural, mechanical and electrical works. ● Within scope of Services	METRAMAC	●			●	●	●	●	●			EEC