

URBAN INFRASTRUCTURE

NO	PROJECT	YEAR	PROJECT COST	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							
TOWNSHIP DEVELOPMENT																						
1	Al- Morgan project- Sunut Forest and Residential Residential Area, Sudan	2008	RM300 million USD 83 million	Area comprises the Sunut forest of which the development will comprise a golf course and 100 acres for a high -end residential development. Masterplan review, traffic study and infrastructure Masterplan review, traffic study and infrastructure masterplanning	Alsunut Development Company	●			●	●												
2	Jazen Economic City- Saudi Arabia	2008	NA	Industrial development comprising 2000ha for Phase 1 and includes development of heavy industries, lifestyle development, agro industries and residential. C & S for water and sewerage	Biwater Malaysia	●			●	●	●	●										
3	Danga Bay Development, Johor	2008	RM270 Million USD 74 million	High-end mixed development for 232 acres. Project comprises infrastructure masterplanning, reclamation and shoreline protection	Kota Selat Tebrau Sdn Bhd	●			●	●	●											
4	Mangla View Resort Development -Pakistan	2005	RM288 million USD 80 million	High end resort development on 300 acres overlooking Mangla Lake. Project comprises mixed development such as residential units, hotel facilities, yacht club and marina	Mangla View Resort Pte. Ltd Pakistan																	
5	Taman Alam Rimba, Putra Jaya	2000-2005	NA	Metropolitan Park on 370 acres to be developed as a showcase	Putrajaya Holdings Sdn Bhd																	
6	Development of Jalan Acob Estate	1996- 2008	RM220 million USD 88 million	Development on an area of 1402 ha, located in Kapar, Selangor. Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities and construction supervision	Sime UEP Bhd																	
7	Encorp Development	1999	RM 37.8 million USD 10.5 million	Development of Phase 1 - 270 acres for integrated township development. Infrastructure masterplan and detailed engineering design for Phase 1	Encorp Sdn Bhd	●			●	●	●	●	●	●	●	●	●	●	●	●		
8	Enstek City	1998-1999	RM 382 million USD 106 million	The project is located on 5544 acres planned as a modern technology city Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities	TH-NSTC Sdn Bhd	●			●	●												
9	Haron Estate	1997- 2001 Project shelved	RM 50 million USD 14 million	Development for a population size of 150,000 Comprises low density residential development Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities	Sime Darby Land	●			●	●	●											
10	Jalan Acob Estate	1996	RM 209 million USD 58 million	Development of 1,402 ha for industrial lot, housing and related social uses. Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities	Prime Bay Sdn Bhd	●			●	●	●	●	●	●	●	●	●	●	●	●		
11	Ebor Estate	1996	RM 46.8 million USD 13 million	Development of 155 ha for integrated township development Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities	Lengkap Teratai	●			●	●	●	●	●	●	●	●	●	●	●	●		
12	Bukit Tasik Serendah Development	1996-2001	RM 46.8 million USD 13 million	Development of 790 ha of hilly and forested terrain for residential, recreational and institutional uses Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities	Ombak Kayangan Sdn Bhd	●			●	●	●	●	●	●	●	●	●	●	●	●		
13	Housing Development for Sector 4, Bukit Damansara (1780 ac)	1993 shelved	RM 28.8 million USD 8 million	Residential development. Masterplan review, conceptual infrastructure masterplan and detailed design of all infrastructure and utilities	Ministry of Housing	●			●	●												
14	Sime-UEP-Terrace Housing on Phase 29, 30, 34 & 35	1993 - 1994	RM 104 million USD 29 million	New township development for housing, commercial and recreational facilities. Infrastructure planning, design and construction	Sime-UEP Development	●			●	●	●	●	●	●	●	●	●	●	●	●		
15	Putera Heights	1993 on-going	RM 230 million USD 64 million	Mix development township for housing, commercial, industrial, institutional and recreational. Infrastructure planning and preliminary design completed. Detailed design in progress.	Sime UEP Development Sdn Bhd	●			●	●	●	●	●	●	●	●	●	●	●	●		

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16	Nilai New Township (5000 ac)	1992-1995	RM 37.8 million USD 10.5 million	An integrated township with residential, industrial, commercial and institutional, Detailed design, cost estimation of all civil infrastructure works in Phase I	NSIDC	●			●	●	●	●	●	●	
17	Kundang Estate Development (980 ac)	1991-ongoing	RM 82.8 million USD 23 million	Development on 996 acres for an integrated township development. Preliminary and detailed design, cost estimates, tender documentation and construction supervision of all civil infrastructure works	Kundang Properties	●			●	●	●	●	●	●	
18	Brooklands Industrial Estate (2500 ac)	1991-1992	RM 238 million USD 66 million	Development of 500 acres for housing, and industrial lots Preliminary infrastructure masterplan.	Akurjaya Sdn Bhd	●			●						
19	Desa Tun Hussein Onn (120 ac)	1991- 1994	RM 18 million USD 5 million	Development of 66 acres for housing-medium and high rise apartments Detailed design, cost estimation of all civil infrastructure works	Ministry of Defence	●			●	●	●	●	●		
20	Taman Setiawangsa	1989-1994	RM 28.8 million USD 8 million	Township development Detailed design, cost estimation of all civil infrastructure works	I&P Setiawangsa	●			●	●	●	●	●		
21	UEP Subang Jaya Development (1720 ac)	1987-1998	RM 209 million USD 58 million	1800 acre township for a population of 150,000 people. Phase 1- 4 Detailed engineering and supervision services for earthworks, roads, bridges, sewerage, water supply and highway interchanges	United Estates Project	●			●	●	●	●	●		
22	Majlis Daerah Machang, Jeli, Pasir Putih and Tanah Merah Structure Plan	1987-1988		Infrastructure Sector Study covering the 4 districts. Structure plan study on utilities provision, adequacy and implementation plans upto year 2005	State Town and Country Planning Department				●						
23	Taman Ehsan Scheme	1987-1989	RM 32.4 million USD 9 million	Development on ex mining land Study, detailed investigations, design and construction supervision of sewerage and drainage systems	Usaha Ehsan Sdn Bhd	●			●	●	●	●	●		
24	Segambut Jaya Housing Project (30 ac)	1985-	RM 28.8 million USD 8 million	A township for a population of 23,000, on a land area of 80 acres Preliminary and detailed engineering design for infrastructure works, such as earthworks, roads, drainage, water supply and sewerage	Segambut Jaya Sdn Bhd	●			●	●	●	●	●		
25	Town 35, DARA (950 ac)	1985-1987	RM 93.6 million USD 26 million	Township planned for smallholders in collaboration with FELDA Preliminary and detailed infrastructure design, and tender for all civil infrastructure	DARA				●						
26	Bandar Tun Razak (240 ac)	1984-1985	RM 104 million USD 29 million	640 acres for development into a new township Preliminary engineering studies infrastructure works	City Hall, Kuala Lumpur	●			●	●	●	●	●		
27	Kg Pasir/Wardieburn Project	1984-1990	RM 93.6 million USD 26 million	Township development, Preliminary and detailed engineering design for all infrastructure works, structural design of housing units, roads, geotechnical studies and designs	Peremba and City Hall Kuala Lumpur	●			●	●	●	●	●		
28	Bandar Baru Wangsa Maju (980 ac)	1983-1992	RM 97.2 million USD 27 million	Integrated township development. Detailed design, cost estimates, tender documentation and construction supervision of all civil works	PGK	●			●	●	●	●	●		
29	Gonggang Estate	1983-1989		Integrated township development. Detailed design, cost estimates, tender documentation and construction supervision of all civil works		●			●	●	●	●	●		
30	Setapak Heights Development Project	1983	RM 18 million USD 5 million	Integrated township development. Preliminary and detailed engineering design for infrastructure works, such as earthworks, roads, drainage, water supply and sewerage	Setapak Heights Development Sdn Bhd	●			●	●	●	●	●		
31	Wardieburn Housing Project	1977-1980		Integrated township development. Preliminary and detailed engineering design for infrastructure works, such as earthworks, roads, drainage,	Ipoh Garden Sdn Bhd	●			●	●	●	●	●		EEC

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INDUSTRIAL DEVELOPMENT																	
1	Cat Lai Development	1996-1997	NA	Development of 1130 ha S-E of Ho Chi Minh city to support a 250,000 population Engineering consultancy for infrastructure masterplan , port developmen and environmental issues and guidelines	Renong Overseas Corp.				●								
2	Kulim Hi-Tech Industrial Park (1450 ha.)	1992 on going	RM 140 million USD 39 million	Development of 1450 ha into a hi-tech industrial park, R & D Centre and commercial centre. Infrastructure masterplan for the development. Detailed design, cost estimates, tender documentation and construction supervision of all civil works in Phase I	Perbadanan Kemajuan Negeri Kedah	●			●	●	●	●	●	●			
3	Sime Darby Light Industrial Estate (30 ac)	1991-1993	RM 46.8 million USD 13 million	Development of 70 acres for light industries Detailed design and construction supervision of infrastructure, structural and M & E works.	Sime UEP	●			●	●	●	●	●	●			
4	Gunung Rapat Industrial Estate	1984		74 acres for the development of light industries Infrastructure masterplanning, design of all works	Perak State Economic Development	●			●	●	●	●	●	●			
RESORTS AND HOTEL DEVELOPMENT																	
1	Allson Kelana Condominium Development	1991-1993	NA	Resort and hotel development Detailed design, cost estimation of all civil infrastructure works	WTW	●			●	●	●	●	●	●			
2	Staffield Country Resort	1990-1993	NA	Development of 335 acres for golf resort, housing and other related uses Detailed design, cost estimation of all civil infrastructure works	Staffied Estate Sdn Bhd	●			●	●	●	●	●	●			
3	'Desaru International Resorts (4800 ac)	1989-1991	RM 569 million USD 158 million	A coastal resort development on 17km of beachfront totaling 4,000 acres Detailed design, cost estimation of all civil infrastructure works Project abandoned.	Desaru International Resorts Sdn Bhd	●			●	●	●	●	●	●			●
4	Telok Datai Resorts Development	1989-1993	RM 37.8 million USD 10.5 million	A 1,800 acre resort development with hotels, golf course and resort facilities Detailed design, cost estimation of all civil infrastructure works	Telok Datai Resorts Sdn Bhd	●			●	●	●	●	●	●			●
5	Selangor Turf Club	1989-1993	RM 28.8 million USD 8 million	A race course on 250 acres of ex-mining land. Preliminary and detailed design, cost estimates, tender documentation and construction supervision of all civil infrastructure works	Selangor Turf Club	●			●	●	●	●	●	●			
6	Pulau Tioman Tourism Master-plan	1984-1986		Study on the development of alternative tourist sites. All facilities is to serve a Feasibility study, preliminary design cost estimation for all civil infrastructure works.	LKNP, Pahang				●	●							
7	Kenaboi Resort Facility	1984		A 5,000 acre resort development with housing, condominiums, golf course and recreational facilities/clubhouse Infrastructure masterplanning, design of all works	Syed Kechik Foundation				●	●							●

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SEWERAGE AND WASTE WATER															
1	Pembinaan Loji Rawatan Kumbahan Serantau Cheras Jaya Selangor (M&E)	2012-on going	RM 60 Million	Design, and construction of 300,000 PE Sewage Treatment Plants	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
2	Bunus STP Project	2012-on going	RM 550 Million	Design, and construction of 750,000 PE Sewage Treatment Plants	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
3	National Sewerage Project 2	2011 – on going	RM 983 Million USD 298 Million	The project involves the decommissioning of the existing aerated lagoons of capacity 560,000 PE by dewatering, desludging and excavation for the construction of a new underground sewage treatment plant with capacity of 1,423,000 PE on a site of 17 ha.	Ministry of Energy, Water, and Green Technology		●				●	●	●		
4	Klang CSTP, Lot 130	2008-on going	RM62 million	Design, construction of Sewage Treatment Plant (100,000 PE STP)	Sewerage Services Department				●	●	●	●	●		
5	Miri City Wastewater System Masterplan Study	2008-2010		The Study comprised a review of existing situation, conditions survey, current and future requirements, development guidelines options, implementation schedules, priority projects and cost estimates					●						
6	Bintulu Urban and Regional Study	2003-2004		Project included the following components * water * sewerage * drainage * waste management The Study comprised a review of existing situation, conditions survey, current and future requirements, development guidelines options, implementation schedules, priority projects and cost estimates	Bintulu Development authority				●						
7	National Sewerage Project	2001-2004													
a)	Bandar Tun Razak (100,000 STP)		RM 78 million USD 22 million	Design, construction / upgrading of sewage treatment plants	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
b)	Kota Setar CSTF (300,000 CSTF)	2000-2005	RM 62.8 million	Design, construction of Sewage Treatment Plants											
c)	Juru STP	2000-2004	RM 176 million USD 49 million	Design, construction upgrading of sewage treatment plant and facilities (150,000 PE STP & 300,000 PE STP)	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
d)	Sg Nyior STP	2000-2005	RM 130 million USD 36 million	Design, construction upgrading of sewage treatment plant (150,000 PE STP)	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
e)	Bandar Puchong	2000	RM 135 million USD 37,6 million	Design, construction of upgrading sewage treatment plant and network distribution (150,000 PE STP)	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
f)	Juru Network	2006-2010	RM 73.8 million USD 20,5 million	Design, construction of network distribution	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
g)	Sg Nyior Network	2006-2005	RM 68.4 million USD 19 million	Design, construction of network distribution	Government of Malaysia-Sewerage Services Department	●			●	●	●	●	●		
8	Biogas Facility at Jelutong STP	2006-2007	RM 28.8 million USD 8 million	Design and construction	WWE Sdn Bhd	●			●	●	●	●	●		
9	Putrajaya Wastewater Project Putrajaya, Selangor	1997-2000	RM 144 million USD 40 million	The new Federal Government's Administration centre is planned for a population of 350,000	Putrajaya Holdings	●			●	●	●	●	●		
10	Ebor Estate - 500 acres	1996-2007	RM 9 million USD 2,5 million	Design, construction f sewage treatment plant and and network distribution	Sime UEP	●			●	●	●	●	●	●	
11	Putra Heights -1800 acres	1996-2007	RM 37 million USD 10,3 million	Design, construction f sewage treatment plant and and network distribution	Sime UEP	●			●	●	●	●	●	●	
12	Enstek Cybercity- Infrastructure Masterplan	1997-1998	RM 86 million USD 24 million	Design, construction f sewage treatment plant	TH-NSTC Sdn Bhd				●	●					
13	Jalan Acob-Estate- masterplan	1992-1995	RM 93 million USD 25,9 million	Study for sewerage treatment plant, network distribution and facilities		●			●	●	●	●	●	●	
14	Haron Estate	1997-2005	RM 57.6 million USD 16 million	Design, construction f sewage treatment plant and and network distribution	Haron Estate Development Sdn Bhd	●			●	●	●	●	●	●	
15	Kulim Hi-Tech Park	1992-1997	RM 44.6 million USD 12,4 million	Design, construction f sewage treatment plant and and network distribution	Kedah State Development Board	●			●	●	●	●	●	●	
16	Conceptual Plan for Development of Sewerage System and Waste-water Treatment Facilities at Ipoh, Perak	1993-1994		Conceptual planning for an optimal sewerage treatment and related facilities in Ipoh City	Ipoh Council	●				●					
17	Bintulu Sewerage Project Bintulu	1983-1985	RM 147.6 million USD 41 million	Study cover an area of 9089 sq km for a population of 112,000	Government of Malaysia	●			●	●					
18	Seremban Sewerage Project Seremban	1982-1993	RM 172.8 million USD 48 million	Study covering an area of 415 sq km. with a population catchment of 275,000	Majlis Perbandaran Seremban	●			●	●	●	●	●	●	●

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WATER SUPPLY															
1	Merbau Chondong Water Supply Scheme Kelantan- Phase 1 Extension	2006	RM 3.6 million USD 1 million	Extension of project to include 2 reservoirs (1 mgd reservoir and .5 mgd) and pipeline of diameter ranging from 200 to 600 mm with a length of 25 km.	Air Kelantan Sdn Bhd	●			●	●	●	●	●	●	
2	Bintulu Urban and Regional Study	2003-2004		Project included the following components * water * sewerage * drainage * waste management The Study comprised a review of existing situation, conditions survey, current and future requirements, development guidelines, options, implementation schedules, priority projects and cost estimates	Bintulu Development authority				●						
3	SPUR Pipe-line in Bukit Bauk, Dungun, Terengganu	1997-1999	RM 18 million USD 5 million	Construction of 1000mm dia. Mild steel concrete pipe line of 6km length	Petronas Bhd.	●					●	●	●	●	
4	Merbau Chondong Water Supply Scheme Kelantan	2002	RM 62 million USD 17.2 million	Water treatment and distribution project comprising raw water intake, pumping station, 40mld treatment plant, reservoir and 70km pipeline of 400mm to 800mm dia.	Air Kelantan Sdn Bhd	●			●	●	●	●	●	●	
5	Dungun Water Supply Project Phase 2 Works Dungun Terengganu	1997-1999	RM 115 million USD 32 million	Works to meet industrial and domestic demand up to 2015- upgrading of intakes treatment plants, new intakes pumping facilities, transmission pipelines Storage reservoirs, central telemetry system	Water Works Dept Terengganu State	●			●	●	●	●	●	●	
6	Sg Selangor Water Supply Scheme Jabatan Bekalan Air	1989-1992	RM 144 million USD 40 million	Design of 33.8 km of pipelines varying from dia. 1100mm to 1600mm & 3 reinforced concrete reservoirs of 5mgd each	Water Works Department, Selangor State	●				●	●	●	●	●	
7	Kg Puah Redevelopment Kuala Lumpur	1986-1988	RM 28.8 million USD 8 million	Design and construction supervision of water supply scheme for the entire development including reservoirs and reticulation system	City Hall	●			●		●	●	●	●	
8	Proposed Development on Lot 120, Genting Highlands Bentong, Pahang	1985-1987	RM 43 million USD 12 million	Design and construction supervision of water supply scheme for the entire development including reservoirs and reticulation system	KTG	●			●		●	●	●	●	
9	Jalan Acob Estate- conceptual study 5000 acres	1992-1995	RM 12.6 million USD 3.5 million	Design and construction supervision of water supply scheme for the entire development including reservoirs and reticulation system for an rea of 5000 acres	Sime UEP	●			●	●	●	●	●	●	
10	Putera heights- 1800 acres	1997-2007	RM 20.88 million USD 5.8 million	Design of 4 reservoirs of 2.65 mgd and supply main of 900 mm dia	Sime UEP	●			●	●	●	●	●	●	●
11	Lengkap Teratai- 540 acres	1997-2007	RM 12.6 million USD 3.5 million	Design of reservoir of 2. mgd and supply main of 700 mm dia	Sime UEP	●			●	●	●	●	●	●	●

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DRAINAGE / FLOOD MITIGATION																							
1	Lahad Datu Airport Study Regional Flood Study	2011-2012		Regional Flood Study or Sg Silabukan	Ministry of Transport				●														
2	Mukah Airport Study Regional Flood Study	2012-2013		Regional Flood Study for Batang Mukah / Sg. Petain	Ekonomic Planning Unit, PM Dept.				●														
3	Miri Sewerage Masterplan Study Regional Flood and Low Flow Study of Batang Baram / Sungai Miri	2009-2010		Regional Flood and Low Flow Study of Batang Baram and Sungai Miri	Sarawak State Government				●														
4	Bintulu Urban and Regional Study	2003-2004		Project included the following components * water * sewerage * drainage * waste management The Study comprised a review of existing situation, conditions survey, current and future requirements, development guidelines, options, implementation schedules, priority projects and cost estimates	Bintulu Development authority				●														
5	Sg. Jeluh Flood Mitigation	2003		Review of existing drainage system and formulation of a long term solution for the flooding and draiange plan	Jabatan Pengairan dan salinan Selangor	●			●	●													
6	Flood Mitigation Scheme, Kuala Kedah Town	1992-1995	RM 75.6 million USD 21 million	The study area covers the whole Sg . Keladi Catchment-20sq. km	Kedah State Government	●			●	●	●	●											
7	Flood Mitigation Scheme, Sg Keladi, Kedah	1992-1995	RM 47.5 million USD 13.2 million	The study area covers the whole Sg . Keladi Catchment-20sq. km	Kedah State Government	●			●	●	●	●											
8	Taiping Main Drainage System	1992-1993	RM 11.5 million USD 3.2 million	The study covers the main drainage system of Taiping town centre	Majlis Daerah Taiping	●			●														
9	Seremban Town Flood Mitigation Project	1987-1993	RM 26 million USD 7.2 million	Design of 7 km of lined urban stormwater drainage channels , replacement of a 30m span bridge and 6 nos. of 15 m span bridges	Majlis Perbandaran Seremban	●			●		●	●	●	●	●								
10	Extension of Telok Anson Town	1980-1982	RM 317 million USD 88 million	The project covered 300 acres affected by erosion and inundation by Sg. Perak	Perak State Government	●			●	●													
11	Feasibility Study including Preliminary Engineering on Sewerage and Drainage System for Seremban	1982-1987	RM 173 million USD 48 million	Project covered 415sq km with a 2010 population of 270,000	Majlis Perbadanan Seremban				●	●										●	●		
12	Masterplan Study and Detailed Design of Sewerage and Drainage System for Bintulu and its Environs	1983-1988	RM 148 million USD 41 million	Study cover an area of 9089 sq km for a population of 112,000	Government of Malaysia				●	●										●	●		



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SOLID WASTE MANAGEMENT															
1	Sanitary Landfill at Labuan, Wilayah Persekutuan Labuan	2010 on - going	RM12 million USD 3.2 million	The scope of works include :- * Pre Tender and Detailed Design Stage * Tender Stage * Construction Supervision Stage * Defect and Liability Stage	Perbadanan Labuan				●	●	●	●	●	●	
2	Sanitary Landfill at Pagoh, Muar, Johor	2008	RM38.5 million	The scope of works include :- * Pre Tender and Detailed Design Stage * Tender Stage * Construction Supervision Stage * Defect and Liability Stage	Jabatan Pengurusan Sisa Pepejal Negara, Ministry of Housing and Local Government				●	●	●	●	●	●	
3	Bintulu Urban and Regional Study	2003-2004		Project included the following components * water, * sewerage, * drainage, * waste management The Study comprised a review of existing situation, conditions survey, current and future requirements, development guidelines, options, implementation schedules, priority projects and cost estimates	Bintulu Development authority				●						
4	Upgrading of Incinerators in Kamunting (Perak) and Lok Kawi (Sabah)	2003	RM 14.4 million USD 4 million	The installation of Air Pollution Control System to FMS incinerators and the installation of additional incineration system.	Faber-Mediserve Sdn. Bhd.				●	●	●	●	●	●	
5	Integrated Municipal Solid Waste Management Study for Penang	2002	NA	Detailed feasibility study for the implementation of a waste management system for Penang State and the implementation of a thermal waste treatment plant	Jalur Cahaya Sd. Bhd.			●	●						●
6	Thermal Solid Waste Treatment Plant (Incinerator) at Kg. Bohol, Broga, Selangor	2000	RM 1.4 million USD 390 million	Detailed studies on waste characterisation and waste disposal for Klang Valley Preliminary design for incinerator	Yachiyo Engineering Co. Ltd.				●	●	●				● ●
7	Solid Waste Management Study-Southern Region Southern Region of Pen. Malaysia	1996-1997	NA	Waste management study for the Study area of Melaka, Negeri Sembilan and Johor State. Detailed waste characterisation and disposal study.	Southern Waste Management Sdn Bhd				●	●					
8	Contingency Plan for the Transportation, Storage and Disposal of Toxic Waste in Pen Malaysia	1995-1997	NA	The project covers the main roads and highways in Malaysia, the origins of such waste to its disposal centre	Department of Environmental				●						
9	Sanitary Landfill and Transfer Station for the State of Pulau Pinang	1994-1995	NA	Concessionaire period of 20 years with a total waste volume of 1,200 tonnes per day in 1995 to 2,600 tonnes per day in 2015	Gamuda Bhd				●	●					
10	Sanitary Landfill and Transfer Station for the State of Selangor	1993-1994	NA	Development of the Air Hitam Sanitary Landfill site and transfer stations. Waste volumes of 2350 tonnes per day in 1992 to 4520 tonnes in 2007.	Gamuda Bhd				●	●					
11	Development of Sanitary Landfill in Taiping, Perak	1992-1993	NA	Project area of 20.35 ha located on a disused mining land 7.5 km away from Taiping town	Ministry of Housing and Local Government				●						●
12	Taiping Local Plan Perak	1992-1994	NA	Local Plan study for the municipality area of 11,600ha. over the period of 1992-2020	Federal Town and Country Planning Department				●						
13	Taman Teknologi Malaysia, Selangor	1991-1992	NA	Development of a Hi-Tech Park complete with R and D services .	Taman Teknologi Malaysia				●						
14	Petaling Jaya Solid Waste Management Study Selangor	1990-1992	NA	Project area includes the whole Municipality of Petaling Jaya detailed study of waste characterisation and waste management plans	Petaling Jaya Municipal Council				●						
15	Structure Plan Study for Machang, Jeli, Pasir Puteh and Tanah Merah Machang District, Kelantan	1987-1988	NA	Sector study of the local structure plan for the municipal area.	State Town and Country Planning Department				●						EEC

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