

List of Projects

Jurutera Perunding Zaaba Sdn. Bhd.

Hydraulics and Hydrology

Flood Mitigation and Drainage

Project	Cost (mil)	Client
Detailed Design for Flood Mitigation and Drainage at Sg. Muda, Kedah Darul Aman (Package 1, 2, 2A & 2B)	1073	JPZ, Redmax Sdn. Bhd. & Wira Kerjaya Sdn. Bhd.
Detailed Design for Flood Mitigation and Drainage at Chukai, Kemaman, Terengganu	120.0	JPS
Construction and Supervision of Cadangan Membina Struktur Kawalan Banjir Bagi Lembangan Sg. Ayer Molek, Johor Bahru	10.8	Majlis Bandaraya Johor Bahru

Studies (1 of 3)

Project	Cost (mil)	Client
Master Plan Study on Drainage and Flood Mitigation for Chukai, Kemaman, Terengganu	Study	JPS
Projek Pembersihan dan Rawatan Air Sungai Pinang	Study	JPS
Feasibility Study for Paya Peda Dam for KETARA, Terengganu	Study	JPS
Drainage Study at Kuala Kubu Baru, Hulu Selangor, Selangor	Study	JPS Selangor
Drainage Master Plan Study for Daerah Besut, Terengganu Darul Iman	Study	JPS
Preparation/Updating of Stormwater Drainage Master Plan for Dhaka City, Bangladesh	Study	World Bank, DWASA
Sg. Langat Water Abstraction Studies	Study	Lion Blast Furnace Sdn Bhd
Hydraulic and Groundwater Modelling Study for Kuala Langat Tin Mining Project	Study	Lion Blast Furnace Sdn Bhd
Kajian Kebolehdapatan Sumber Air Bumi Negeri Selangor	Study	Lembaga Urus Air Selangor (LUAS)
Kajian Hybrid Off River Augmentation Storage (HORAS) Di Kg. Sg. Darah, Bestari Jaya Sebagai Sumber Air Untuk Tujuan Bekalan Air	Study	Unit Pernacangan Negeri Selangor (UPEN)

*Cost in Malaysian Ringgit (Million)

Drainage System Design

Stormwater Management

Dams and Barrages

Water Resources Studies

Irrigation System Design

Institutional Studies

Flood Mitigation

Floodplain Management

Waterway Hydraulics

Hydrological Analysis & Design

Hydraulic Analysis & Design

Groundwater Data Collection and Analysis

Environmental Review and Management

Water Quality

Mathematical Modelling

River Rehabilitation

Coastal & Estuaries Management

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Jurutera Perunding Zaaba Sdn. Bhd.

Hydraulics and Hydrology

Studies (2 of 3)

Project	Cost (mil)	Client
Preparation of Urban Stormwater Management Manual for Malaysia	Study	JPS
Program Pencegahan Pencemaran dan Peningkatan Kualiti Air Sungai Melaka	Study	Jabatan Alam Sekitar
Feasibility Study of the Proposed Barrage for Water Supply Intake at Sg. Paka, Dungun, Terengganu	Study	Petronas
Dam Risk Assessment for Putrajaya Dams	Study	Putrajaya Holdings
Dam Safety Review – Study of Bukit Merah Dam, Perak and Padang Saga Dam, Langkawi, Kedah	Study	JPS
National Water Resources Study	Study	Unit Perancang Ekonomi, JPM
Drainage and Stormwater Master Plan Study, Ipoh, Perak	Study	JPS
Institutional and Legal Study for the Establishment of a State Government River Management Institution	Study	JPS
Kajian Kolam Bekas Lombong Sebagai Kolam Takungan Aliran Air banjir Di Lembangan Sungai Selangor	Study	LUAS
Kajian Kebolehlaksanaan Bagi Cadangan Membangunkan Sumber Air Tambahan Dari Projek Tebatan Banjir Sg. Rasau	Study	LUAS
State of the River Report 2011 for Sg. Klang, Sg. Langata and Sg. Selangor	Study	LUAS
Hydrological and Hydraulic Study for 512 km long Sabah Sarawak Gas Pipeline (SSGP)	Study	Pertronas Cari Gali Sdn Bhd
North South Expressway Central Link Flood Mitigation Study At Shah Alam Toll	Study	PLUS Berhad
Coastal Hydraulic Study for Proposed Upgrading of Dayang Bunting Jetty, Langkawi, Kedah Darul Aman	Study	Langkawi Development Authority (LADA)

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Hydraulics and Hydrology

Studies (3 of 3)

Project	Cost (mil)	Client
Coastal Hydraulic Study for Proposed Reclamation of Land for Mixed Development near Johor Causeway	Study	Dewan Perniagaan Melayu Malaysia
Feasibility Study or Cadangan Loji Air Labohan Dagang Daerah Kuala Langat, Selangor Darul Ehsan	Study	UPEN Selangor

Dams and Barrages

Project	Cost (mil)	Client
Detailed Design for Paya Peda Dam for KETARA, Terengganu	80.0	JPS
Projek Pembangunan Empangan Paya Peda, Besut, Terengganu Darul Iman	333.0	JPS
Detailed Design of Sungai Aur Dam, Pahang	50.0	JBA Pahang
Detailed Design of SABO Dam Work in the State of Perak	15.0	JPS
Cadangan Pembinaan 'Barrage' di Sungai Besut, Terengganu	13.0	Unit Perancang Ekonomi Negeri Terengganu
Cadangan Pembinaan 'Barrage' di Sungai Kemaman, Kemaman, Terengganu Darul Iman	14.0	Unit Perancang Ekonomi Negeri Terengganu

Others

Project	Cost (mil)	Client
Engineering Consultancy Services for the Development of Sg. Langat for Navigation	250.0	Megasteel Sdn Bhd.
Sistem Ramalan dan Amaran Banjir Bersepadu Lembah Klang	25.0	JPS
Cadangan Menaiktaraf Sg. Lereh/Sg. Udang, Melaka	6.0	JPS Melaka
Projek Pembinaan Loji Rawatan Sub-Serantau Upper Kerayong, Selangor	62.0	JPP Selangor
Projek Pembersihan dan Pengindahan Sungai Melaka – Parcel 2	175.0	JPS Malaysia

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Hydraulic Analysis & Design

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Hydraulics and Hydrology



Projek Pembersihan dan Pengindahan Sungai Melaka – Parcel 2



Detailed Design for Flood Mitigation and Drainage at Sg. Muda, Kedah

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Hydraulics and Hydrology



Projek Pembangunan Empangan Paya Peda, Besut, Terengganu Darul Iman