

Featured Projects

Jurutera Perunding Zaaba Sdn. Bhd.

Hydraulics and Hydrology

Flood Mitigation and Drainage

Start	End	Project	Cost (mil)	Client
2000	2017	Detailed Design for Flood Mitigation and Drainage at Sg. Muda, Kedah Darul Aman (Package 1, 2, 2A & 2B)	1073	Department of Irrigation and Drainage, Redmax Sdn. Bhd. & Wira Kerjaya Sdn. Bhd.
2001	2010	Detailed Design for Flood Mitigation and Drainage at Chukai, Kemaman, Terengganu	120.0	Department of Irrigation and Drainage
2004	2010	Construction and Supervision of Flood Mitigation Structure for Sg. Ayer Molek, Johor Bahru	10.8	Johor Bahru Municipal Council

Water Resources Development

Start	End	Project	Cost (mil)	Client
1997	2000	Detailed Design of Sungai Aur Dam, Pahang	50.0	Department of Water Supply Pahang
2006	2008	Detailed Design of SABO Dam in the State of Perak	15.0	Department of Irrigation and Drainage
2007	2010	Proposed Barrage Construction at Besut River, Terengganu	13.0	Economic Planning Unit Terengganu
2007	2009	Detailed Design for Paya Peda Dam for KETARA, Terengganu	80.0	Department of Irrigation and Drainage
2010	2016	Construction and Supervision of Paya Peda Dam, Besut, Terengganu Darul Iman	343.0	Department of Irrigation and Drainage

Other Works

Start	End	Project	Cost (mil)	Client
2004	2006	Proposed Upgrading of Lereh River/Udang River, Melaka	6.0	Department of Irrigation and Drainage Melaka
2005	2005	Engineering Consultancy Services for the Development of Langkat River for Navigation	250.0	Megasteel Sdn Bhd.
2006	2007	Flood Forecasting and Warning System in Klang Valley	25.0	Department of Irrigation and Drainage
2012	2015	Construction of Treatment Plant in Sub-Region of Upper Kerayong, Selangor	62.0	Sewerage Services Department Selangor
2016	2017	Cleansing and Beautification of Melaka River – Parcel 2	175.0	Department of Irrigation and Drainage Malaysia

Studies

Start	End	Project	Client
1992	1992	Drainage Master Plan Study for Daerah Besut, Terengganu Darul Iman	Department of Irrigation and Drainage
1996	1996	Feasibility Study for Paya Peda Dam for KETARA, Terengganu	Department of Irrigation and Drainage
1997	1998	Feasibility Study of the Proposed Barrage for Water Supply Intake at Sg. Paka, Dungun, Terengganu	Petronas
1997	1998	Dam Safety Review – Study of Bukit Merah Dam, Perak and Padang Saga Dam, Langkawi, Kedah	Department of Irrigation and Drainage
1997	1997	Drainage and Stormwater Master Plan Study, Ipoh, Perak	Department of Irrigation and Drainage
1997	1997	Drainage Study at Kuala Kubu Baru, Hulu Selangor, Selangor	Department of Irrigation and Drainage Selangor
1998	1998	Preparation of Urban Stormwater Management Manual for Malaysia	Department of Irrigation and Drainage
1998	2000	Feasibility Study of the Proposed Barrage for Water Supply Intake at Sg. Paka, Dungun, Terengganu	Petronas

*Cost in Malaysian Ringgit (Million)

Featured Projects

Jurutera Perunding Zaaba Sdn. Bhd.

Hydraulics and Hydrology

Studies

Start	End	Project	Client
1998	2000	National Water Resources Study	Economic Planning Unit, Prime Minister's Department
1999	1999	Dam Risk Assessment for Putrajaya Dams	Putrajaya Holdings
1999	1999	Master Plan Study on Drainage and Flood Mitigation for Chukai, Kemaman, Terengganu	Department of Irrigation and Drainage
1999	1999	Preparation of Urban Stormwater Management Manual for Malaysia	Department of Irrigation and Drainage
2002	202	Cleansing and Water Treatment of Pinang River	Department of Irrigation and Drainage
2003	2003	Pollution Prevention and River Quality Improvement Program for Sungai Melaka	Department of Environment
2011	2012	Sg. Langat Water Abstraction Studies For Megasteel Sdn. Bhd.	Lion Blast Furnace Sdn Bhd
2012	2013	Study of Ex-Mining Pond as Flood Storage at Selangor River	Selangor Water Management Board
2012	2012	State of the River Report (SOR) for Klang River, Langat River and Selangor River	Selangor Water Management Board
2013	2015	Hydraulic and Groundwater Modelling Study for Kuala Langat Tin Mining Project	Lion Blast Furnace Sdn Bhd
2013	2014	Availability Study for Groundwater in Selangor	Selangor Water Management Board
2013	2013	Study for Hybrid Off River Augmentation Storage (HORAS) in Kg. Sg. Darah, Bestari Jaya as Water Resource for Water Supply	Economic Planning Unit
2013	2014	Coastal Hydraulic Study for Proposed Reclamation of Land for Mixed Development near Johor Causeway	Dewan Perniagaan Melayu Malaysia
2014	2014	Feasibility Study for Proposal of Developing Additional Water Resource from Rasau River Flood Mitigation Project	Selangor Water Management Board
2015	2016	Hydrological and Hydraulic Study for 512 km long Sabah Sarawak Gas Pipeline (SSGP)	Pertronas Cari Gali Sdn Bhd
2015	2016	North South Expressway Central Link Flood Mitigation Study At Shah Alam Toll	PLUS Berhad
2015	2015	Coastal Hydraulic Study for Proposed Upgrading of Dayang Bunting Jetty, Langkawi, Kedah Darul Aman	Langkawi Development Authority (LADA)
2015	2015	Feasibility Study for Proposed Water Treatment Plan in Cadangan Labohan Dagang, Kuala Langat, Selangor Darul Ehsan	Selangor Economic Planning Unit
2016	2018	Development Program for Water Balance for Water Resource Management (Phase 1) - National Water Balance Management System (NAWABS) for Muda River	Department of Irrigation and Drainage
2017	2018	Water Footprint Licensing and Water Source Abstraction Charge for Agriculture, Aquaculture and Husbandry Study in Selangor	Selangor Water Management Board
2017	2017	Hydraulic Study for Promissory Project, Phase II Fish Landing Complex Development, Malaysian Board of Fishery Development, Labuan	Malaysian Public Works Department

*Cost in Malaysian Ringgit (Million)

Featured Projects

Jurutera Perunding Zaaba Sdn. Bhd.

Hydraulics and Hydrology



Projek Pembersihan dan Pengindahan Sungai Melaka – Parcel 2



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

Featured Projects

Jurutera Perunding Zaaba Sdn. Bhd.

Hydraulics and Hydrology



Projek Pembangunan Empangan Paya Peda, Besut, Terengganu Darul Iman