

## RAILWAYS

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	INDEPENDENT CHECKING ENGINEER (ICE)	INDEPENDENT AUDIT ENGINEER (IAE)							
<b>Railways</b>																								
1	Design of Railway Line, Stabilisation of railway embankment Kedah Line, Kedah	1983-1986	RM 22 million USD 6.1 million		Ho Hup Construction		●			●	●	●	●	●	●									
2	Design and construction of New Railway Bridge, Over Temiang River, Negeri Sembilan	1988-1989	RM 33 million USD 9.1 million	3 bridges with 12m span each	Department of Irrigation & Drainage	●				●	●	●	●	●	●									
3	LRT System from Jelatek Road / Enggang Road Junction to Eastern Link/Genting Kelang Road Junction. Federal Territory	1988-1990	NA	LRT system from Wangsa Maju to Central Planning area in line with the Kuala Lumpur Structure Plan	SPRR Sdn Bhd	●				●	●	●												
4	Rail Link from Tanjung Pelepas Port to Kempas Baru, Johor	1996-1999	RM 605 million USD 168 million	A 30 km rail link through urban areas with provision for dual tracking	Ministry of Transport : Perbadanan Aset Keretapi		●			●	●	●				●								
5	Detailed design and construction supervision for structural works for the Tracked Transit System, K.L.I.A. Sepang		RM 1 billion	Tracked Transit System connecting the Satellite Terminal with the Main Terminal	KLIAB																			
6	Modernisation of the rail services from Tanjung Aru to Tenom, Sabah	2007 - 2012	RM300 million USD 83 million	134 km rail line and 13 stations emphasising on the safety aspects	Ministry of Transport, Government of Malaysia											●								
7	Preliminary engineering and route alignment study for the Proposed Pelabuhan Kuantan – Mentakab – Lembah Klang Rail Link	2005		Proposal submitted, EEC selected, completed negotiation with Government but project was shelved for later implementation																				
<b>Bids</b>																								
1	Engineering Study and Detailed Designs for the Proposed Rail Connection/ Transportation Studies from Sri Subang Railway Station to Subang International Airport	1995		in Association with Travers Morgan (UK)	KTMB					●														
2	Consultancy Services for Proposed Rail Link Between KLIA and Port Dickson and Melaka to KTMB Existing Network	1996			KTMB					●														
3	System Kedua Transit Aliran Ringan for Kuala Lumpur				Putra					●														
4	High Speed Rail connection between Kuala Lumpur & Singapore	2012		EEC participated in consortium with Roland Berger Strategy Consultants and Arup International	SPAD					●												EEC		



Within scope of Services



## HIGHWAYS, BRIDGES AND INTERCHANGES

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	INDEPENDENT CHECKING ENGINEER (ICE)	INDEPENDENT AUDIT ENGINEER (IAE)	
18	Simpang Pulai-Gua Musang-Kuala Berang Highway Package 1 - Pos Selim to Lojing Road, Pahang	1992	RM 180 million USD 50 million	3 Packages of the New Simpang Pulai- Kuala Berang Highway Total length designed was 76km with critical sections traversing jungle over the Main Range reaching heights of almost 5000ft. above sea level. Included design of 32 nos. bridges and viaducts totalling 6.5km	Public Works Department	●			●	●	●	●	●	●	●			
19	Simpang Pulai-Gua Musang-Kuala Berang Highway Package 2 - Pos Blau to Kuala Betis, Pahang	1992	RM 142 million USD 39.5 million	A road length of 20km traversing hilly terrain	Public Works Department	●			●	●	●	●	●	●	●			
20	Simpang Pulai-Gua Musang-Kuala Berang Highway Package 4 - Ciku- Aring, Pahang	1995	RM 180 million USD 50 million	A road length of 20km traversing hilly terrain	Public Works Department	●			●	●	●	●	●	●				
21	Kundang Township Development Rawang, Selangor	1991-ongoing ( other phases )	RM 66 million USD 18.2 million	Township development of 996 acres (Internal Roads) and Access Roads	Kundang Properties	●			●	●	●	●	●		●			
22	o Yong Peng(S) toll plaza and regional office complex o Yong Peng(E) toll plaza o Ayer Hitam toll plaza o Kulai toll plaza o Skudai toll plaza o Simpang Renggam toll plaza o Sedenak toll plaza and complex o Kempas toll plaza and sectional office complex	1990-1992	USD 4.9 million USD 4.0 million USD 3.0 million USD 3.65 million USD 3.5 million	Toll plazas for the North South Expressway in State of Johor	PLUS			●	●	●	●	●	●	●				
23	UEP-Subang Jaya Township Selangor	1989 -ongoing (Construction Stage)	RM 99 million USD 27.4 million	188 acres of township development implemented in phases (Internal Roads)	Sime UEP Development Sdn Bhd	●			●	●	●	●	●	●				
24	Construction of Jalan J1 Connecting Taman Setiawangsa with Bandar Baru Wangsa Maju, Federal Territory	Completed	NA	2 km of 2 lane dual carriageway road connecting Taman Setiawangsa and Bandar Baru, Wangsa Maju	City Hall Kuala Lumpur	●			●	●	●							
25	Teluk Datai Resort Pulau Langkawi, Kedah	1989-1992	RM 87 million USD 24.3 million	Internal resort roads and access road to the resort	Teluk Datai Resort Sdn. Bhd.	●				●								
26	Kuala Lumpur Roads and Interchanges Project Federal Territory	1988-1992	RM 360 million USD 100 million	5 grade seperated interchanges along Tun Razak Road and Cheras Road and a road linking Cheras Road to the KL-Seremban Highway. Also includes upgradings to a dual 3 lane road.	Syarikat Teratai K.G Sdn Bhd			●	●	●	●							
27	Relai River Bridge, Ulu Kelantan	1986-1989	RM 15 million USD 4.3 million	67 m span	Public Works Department	●			●	●	●							
28	Chenderong River Bridge, Ulu Kelantan	1986-1989	RM 15 million USD 4.3 million	70 m span	Public Works Department	●			●	●	●							
29	Aring River Felda Settlement Scheme- Access roads network Kelantan	1984-1989	RM 5.5 million USD 1.52 million	10.8 km of rural roads to the settlement. Project also includes 3 prestressed bridges with max spans of 30m	FELDA	●			●	●	●	●	●	●				
30	Bridge along Seremban-Kuala Pilah Road, Negeri Sembilan	1982-1985	RM 6.6 million USD 1.82 million	Part of the Seremban Flood Mitigation project	Tajul Ho and Ng Consultants Sdn Bhd	●				●	●							
31	Development of Bandar Wangsa Maju Federal Territory	1982-1993	RM 109 million USD 30.4 million	Internal road circulation and major access into the township	PGK Sdn Bhd	●				●	●	●	●	●				
32	Masterplan and Feasibility Study for Bandar Baru Kuantan, Pahang	1980-1981	-	Internal road circulation & road improvement works required for priority implementation	State Development Board Pahang				●									EEC

● Within scope of Services