



# JURUTERA MINSAR CONSULT SDN BHD

Civil & Structural Consulting Engineers



Committed to Excellence Since 1985





**JURUTERA MINSAR CONSULT SDN BHD**  
Civil & Structural Consulting Engineers

#### QUALITY POLICY

Top management of Jurutera Minsar Consult Sdn Bhd aims to provide high quality Engineering Consultancy in Civil & Structural Engineering to the satisfaction of our clients by:

- Ensuring that all contractual, statutory and regulatory requirements are fully complied with.
- Providing design solutions which satisfy or exceed clients' requirements and expectations.
- Ensuring compliance with the Quality Management System.
- Continually improving the effectiveness of the Quality Management System.
- Ensuring that the Quality Objectives are established and reviewed.

**Ir. Hii Yuh Tung**  
**Managing Director**  
Jurutera Minsar Consult Sdn Bhd



### **Bronze Award of Commendation for New Mukah Airport Project, Sarawak.**

Engineering Award 2023 Association of  
Consulting Engineers Malaysia (ACEM)



Head Office



Draughting Office



Administrative Office



Head Office Building, Kuching

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- Roads & Bridges
- Hotels, Resorts & Condominiums
- Industrial Developments
- Infrastructure Works
- Marine Works
- Studies & Master Plans



# Profile

## The Firm

Jurutera Minsar Consult Sdn Bhd was initially established in 1985 in Sarawak as Minconsult (Sarawak) Sdn Bhd. A joint venture with Minconsult Sdn Bhd of Kuala Lumpur was subsequently established to ensure that full staff strength and technical backup could be provided on most engineering projects undertaken by the firm during the initial stages. The firm has been active since its inception and considering the growth of its staff strength and experience gained as an independent consultant firm over the years, the firm was re-structured in 1993.

All of its shares are now held by Sarawakian Engineers with the majority being owned by Bumiputras. In order to reflect its new identity as a totally independent Consultant Firm, the name was changed to Jurutera Minsar Consult Sdn Bhd, in short "Minsar", in 1993.

## Services

Minsar provides most fields of Civil and Structural Engineering Consultancy Services, including geotechnical and hydrological services, etc. The scope of services includes a full range of engineering services from feasibility studies, conceptual design and master planning, detailed investigations and design, cost estimation, value engineering, tender and contract documentation and evaluation, construction supervision as well as project management to full completion of projects.

Minsar also collaborates with private clients by providing Engineering services to implement projects on turnkey (design and construct) basis.

## Registration

Minsar is registered with the Ministry of Finance, Malaysia, Unit Pendaftaran Kontraktor & Juruperunding Negeri Sarawak, Board of Engineers Malaysia, Jabatan Kerja Raya, Sarawak & Malaysia, Jabatan Pengairan dan Saliran Malaysia and Association of Consulting Engineers Malaysia.

## ISO 9001 : 2015 Quality Management System

Certification of accreditation in ISO 9001: 2008 has been obtained by the firm through Intertek Certification Ltd, for the provision of Civil and Structural Engineering works in 2007. To sustain high quality and consistency in the services provided and to ensure full commitment of the firm's delivery system, accreditation in ISO 9001: 2015 (latest) Quality Management System has been obtained by Minsar in the year 2018.

## Staff Strength

The firm has over 160 staff, of which more than 60 are qualified Engineers, and Technical Assistants with Diploma qualifications.

All our Engineers and Technical Assistants have kept themselves abreast of the latest technologies and know-how in the engineering field, and through continuous training, have become competent to give their best services to all our clients at all times.



## Resources

Minsar's office is equipped with the latest office equipment and automations. Besides using high speed computers, printers, plotters, all its technical divisions are linked and served by a high powered Central Server network to enhance efficiency in data retrievability and safe keeping, standardisation, and integration of information.

A Local area network within each technical department is also maintained for confidentiality, and to improve redundancy levels and safeguard against system failure.

Minsar has acquired a comprehensive portfolio of Civil and Structural Engineering as well as standard office software, of which some are highlighted on this page.

## Associate Firms & Specialists

When necessary, the firm will associate and draw staff and specialist support from its close and long term associates, local as well as foreign Specialist Consultants on relevant projects.

Minsar has also teamed up (and will continue to do so) with local Specialist firms, such as Geotechnical, Transportation, and Environmental specialists on special projects.

Very often, Minsar also associates with firms from other disciplines, such as Architects, Electrical and Mechanical Engineers, to give its clients more comprehensive services.

## Awards

Engineering Award 2023, the Bronze Award of Commendation for New Mukah Airport Project, Mukah, Sarawak, from Association of Consulting Engineers Malaysia (ACEM).

## Our Experiences

Minsar has to-date successfully provided engineering consultancy services to a wide range of projects and has gained extensive and useful experience in the following fields, details of which can be seen in subsequent sections of this brochure.

- Commercial & Institutional Buildings
- Airport Developments
- Roads & Bridges
- Hotel, Resorts & Condominiums
- Industrial Developments
- Infrastructure Works
- Marine Works
- Studies & Master Plans

### STRUCTURAL DESIGN SOFTWARE



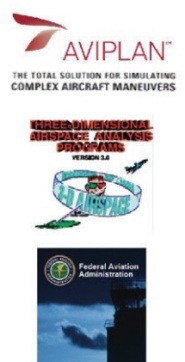
### ROADS / CIVIL WORKS DESIGN SOFTWARE



### DRAFTING SOFTWARE



### AIRPORT DESIGN SOFTWARE





**PJD HQ Office Complex , KL**



**Imperial Mall, Miri**



**Bintulu Development Authority HQ, Bintulu**

## Commercial & Institutional Buildings

As a Civil and Structural ( C & S ) Engineering firm, Minsar has successfully associated with Architects, both local and international, Mechanical and Electrical Engineers and Quantity Surveyors on many high rise buildings and large institutional complexes throughout Malaysia:

- Campus for Universiti Malaysia Sarawak (Unimas) in Kota Samarahan, Kuching. Completed in 1993.
- Permata Multi-Storey Carpark (1,000 unit Carpark & Food Stalls), Kuching. Completed in 1994.
- 18-Storey Wisma Ting Pek Khiing at Jalan Padungan, Kuching. Completed in 1995.
- 8-Storey Syariah Court Extension at Jalan Satok, Kuching for Majlis Islam Sarawak. Completed in 1995.
- Headquarter Building for Bintulu Development Authority, Bintulu. Completed in 1996.
- City Plaza Multi-Storey Carpark (800 units and Commercial Complex), Kuching. Completed in 1997.
- 23-Storey Commercial, Office and Residential Complex, Miri (Imperial Mall). Completed in 1997. (RM90 mil.)
- 6-Storey Office Blocks for SLDB Headquarters and Wisma INTERHILL, Miri Town Center. Completed in 1997.
- Integrated Police Training School along Jalan Penrissen, Kuching. Completed in 1997. (RM 60 mil.)
- 22-Storey Twin Tower H.Q. for PJ Development at Jalan Raja Chulan, Kuala Lumpur. Completed in 1998. (RM 120 mil.)
- Mukah Polytechnic Mukah Division, Sarawak. Completed in 2006. (RM 270 mil.)
- Low Cost Carrier Terminal Building at Kota Kinabalu International Airport, Sabah. (RM 100 mil.)
- 18-Storey Commercial Shoplot, Serviced Apartment (Hanns Residence) with Podium Carpark, and a 4-Storey Hotel, Sibul.
- Refurbishment / Structural Repair Works for a Special Building Stimulation Package for Schools under Zone 6 (Kuching, Lundu, Padawan, Samarahan, Serian) for MOE.



**Twin 12-Storey Towers for LCDA and SEDC at Isthmus**

**SEB HQ (green-building), Kuching**



## Commercial & Institutional Buildings



**New UCTS University, Sibuan, Sarawak**



**UCTS University, Sibuan, Structure Works**

- Borneo Convention and Exhibition Centre (BCCK), Kuching. (RM 200 mil.)
- 12-Storey Twin Towers for LCDA and SEDC at Isthmus, Kuching. (RM 100 mil.)
- Redevelopment of Sibuan Airport Terminal Building to Main Airport. (RM 137 mil.)
- New SEB Headquarters (Green Building) at Isthmus, Kuching. Completed in 2011.
- Paragon Commercial Complex for Naim Bhd at Bintulu Old Airport Site. (Phase 1 Development RM350 mil.) Completed in 2017.
- La Promenade Mall, HSL Tower, Samarahan Expressway, Kota Samarahan. Completed in 2020.
- New University College of Technology Sarawak (UCTS) at Old Sibuan Airport Site. Completed in 2023. (RM 626 mil.)
- New Unimas Teaching Hospital (300 beds RM 488 mil.) at Samarahan, Kuching (to complete in early 2024).



**Mukah Polytechnic, Sarawak**



**Paragon Commercial Complex at Bintulu**



**New Unimas Teaching Hospital (300 beds), Samarahan**



**BCCK, Isthmus, Kuching**

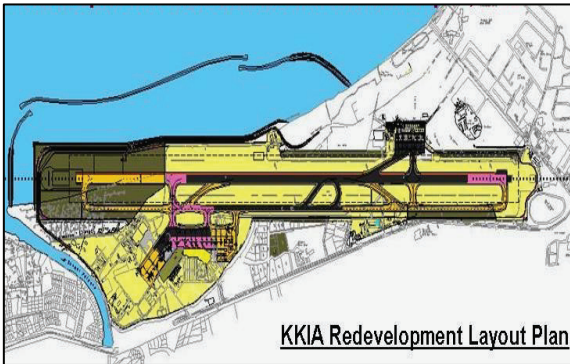




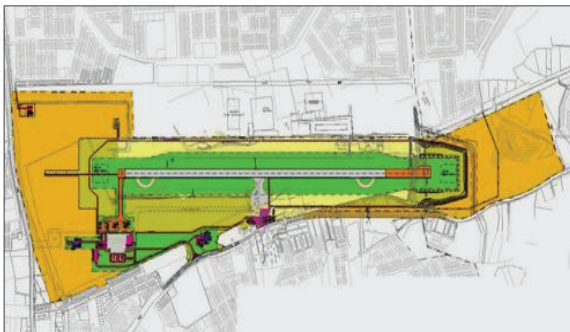
Extension of Langkawi Airport



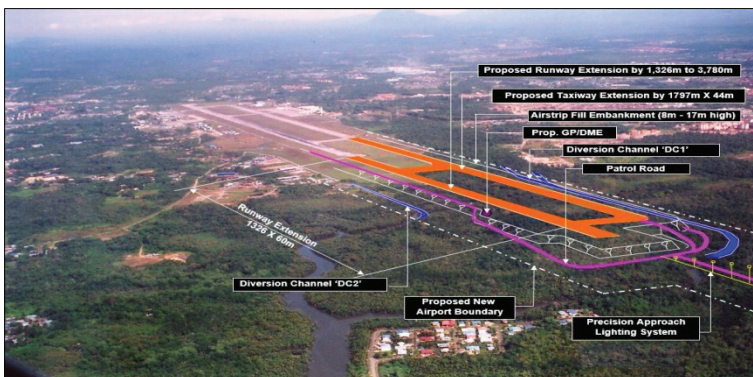
Extension of Labuan Airport



Redevelopment of Kota Kinabalu Airport



Extension of Batu Berendam Airport, Malacca



Redevelopment of Kuching International Airport, Sarawak

## Airport Developments

Minsar has gained valuable relevant experience in the development of airports of various sizes throughout Malaysia and Brunei. The consultancy services provided includes feasibility studies and masterplans, right through to detailed design and supervision of the works. Minsar has completed over RM3.9 billion worth of airport projects, 2.5 million square feet of built terminals and 120,000 feet of built runways.

Minsar is the lead consultant, airport planner, as well as the civil and structural engineers in the following airport development projects:

- **Extension of Langkawi International Airport**

Extension of Runway to 3,780m for unrestricted B747 operation. Works involved sea reclamation and a 8km long Off-shore Breakwater. The RM 315 million project was completed ahead of schedule in 1997.

- **New Airport at Tg. Manis, Sarawak**

New Airport with a 1,500m x 30m Runway and a New Terminal and Apron for eventual Fk-50 Operation, for STIDC. Completed in 2004. (RM 75 mil.)

- **Kota Kinabalu Airport Redevelopment, Sabah**

Master Plan for Redevelopment of Existing KKIA for B747 operation. Works included Runway Extension to 3,780m, and extension to full parallel Taxiway and existing Apron. Completed in 2013. (RM 700mil.)

- **Upgrading of Labuan Airport, Labuan**

Redevelopment of Labuan Airport for unrestricted AB330 operation, including a New Terminal Building and relocation of TUDM Hangar for Design & Build Contractor. Completed in 2009. (RM 365 mil.)

- **Batu Berendam Airport Extension, Malacca**

Master Plan Study, for Upgrading of Batu Berendam Airport, Malacca for Airbus B737/A320 operations.

- **Kuching Airport Redevelopment, Sarawak**

Extension of existing Runway to 3,780m over low swampy land, and redevelop live operational existing Terminal to 5.0 mil MPPA. Plus reconfiguration of RMAF facilities. Completed in 2008. (RM 950 mil.)



Roof Structure of KKIA Terminal



# Airport Developments

- **New Bintulu Airport, Sarawak**

Turnkey Design and Build of a new airport with 2,780m Runway, new Terminals & Apron for 5 aircraft stands. Completed ahead of schedule in 2003. (RM 380 mil.)

- **Extension of Miri Airport, Sarawak**

Extended existing Runway to 2,745m, a new partial Parallel Taxiway and a new Terminal Building, all for AB330 Operation. Completed in 2004. (RM 200 mil.)

- **Extension of Mulu Airport, Sarawak**

Extension of the existing Runway to 1,500m with new Navigational Aid System for Fk-50/ATR72 operation for Design and Build Contractor. Completed in 2003. (RM 65 mil.)

- **Modernization of Brunei International Airport**

The Project was won through Design and Build Tender among International Firms. The upgrading works doubled the size of existing Terminal (total 32,000m<sup>2</sup>) under live continuous operations, and a new main public carpark. Completed in 2015. (B\$130mil.)

- **New Mukah Airport, Sarawak**

Master Plan Study for Proposed New Mukah Airport, and Detailed Design of Phase 1 development for ATR72 aircraft use. Completed in 2022. (RM 450mil.)

- **New Lawas Airport, Sarawak**

Site Selection and Master Plan Study of the new Lawas Airport for MOT, Malaysia. Phase 1 design of a new 1,500m Runway Terminal and Apron for ATR72 aircraft. (RM 450 mil. Tender in 2023)

- **New Bebuling Airport, Betong Division, Sarawak**

Site Selection and Master Plan Study for the new airport. Phase 1 consists of a 1,190m Runway and Terminal for Cessna 408 aircraft. To be completed in 2024. (RM 250 mil.)

- **Development of Master Plan and Associated Services at Selected MASB Airports Malaysia**

Co-Lead with fellow Consultants (EEC, Airbiz and IDOM) to carry out detailed Master Plan and Functional Layout Plan for 5 Malaysia Airports namely, Penang International Airport (PEN), Kota Kinabalu International Airport (BKI), Kuching International Airport (KCH), Tawau Airport (TWU) and Sibu Airport (SBW).



New Mukah Airport, Sarawak



New Bintulu Airport, Sarawak



Extension of Miri Airport, Sarawak



Extension of Mulu Airport, Sarawak



Modernization of Brunei International Airport



New Airport at Tg. Manis, Sarawak





**Kenyalang Interchange, Kuching**



**Puchong Flyover, Miri**



**New 2-lane Parallel Btg Kemena Bridge, Bintulu**



**Simpang Pulai-Gua Musang , Pahang**



**New 4-lane Cable-Stayed Bridge over Sg. Sarawak at Sejingkat, Kuching  
(Anticipated completion in 2025)**



**New Saribas Bridge,  
Betong, Sarawak.**

## Roads & Bridges

Minsar has provided engineering consultancy services from conceptual planning and masterplan studies, to detailed civil and structural engineering design as well as contract administration and construction management of various road and bridge developments. Minsar has successfully delivered over 950 kilometres of roads, 115 bridges and flyovers totalling over 23 kilometres in length with a total project value of over RM8.5 billion.

### Bridges

- 7 nos. R.C Bridges along the Mukah/Balingian Road, Sibul Division for JKR.
- Kenyalang Interchange, Kuching via Turnkey Design & Build. Completed ahead of schedule in 2007. (RM 71 mil.)
- Pujut and Puchong Flyover, Miri for JKR, Malaysia. Completed in 2007. (RM 95 mil.)
- Bridge over Batang Balingian (Total 216m, with 60m main span by in-situ stitching using 40m precast girders).
- Jalan Song Flyover, Kuching for JKR, Malaysia. Works completed in 2013. (RM 58 mil.)
- River Bridges, Graded Interchanges and Flyovers (25 nos. total) for Pan Borneo Highway from Bintulu to Miri. Design completed in 2016.
- New Batang Rambungan Bridge, Kuching, comprises (3) river span of 80m-160m-80m Cable-Stayed Bridge to JKR R5 standards. To be completed in 2024. (RM 99 mil.)
- New Saribas Bridge, Betong, Sarawak. Two-lane with two by 200m main spans of Balanced Cantilever Bridge. Works started in 2021. (RM 375 mil.)
- New 4-lane Bridge over Sg. Sarawak at Sejingkat. A Cable-Stayed Bridge comprises (3) river spans of 200m-400m-200m with total 1.4 km length.

### Roads

- Satok Flyover, and improvement of Jalan Satok and Jalan Palm , Kuching. Completed in 1996. (RM 65 mil.)
- Access Road & Infrastructures Resettlement Scheme for Bakun Dam. (RM 250 mil.)
- Trans-Asean Road, 32.5km of Dual-Carriageway from Pujut to Kuala Baram, with a new Bridge at Pujut 7. (RM 180 mil.)



## Roads & Bridges

- Simpang Pulai-Gua Musang Road, Pahang.
- Sarawak Coastal Road from Matu to Igan. (40 km)
- Miri-By-Pass Road. 10 km of new road linking Miri Airport with Jalan Pujut, through deep inland swamp.
- Sarawak Coastal Road – Sg. Buloh to Sebuyau (27km), and Kg. Gelang to Kg. Sg. Nai, Pulau Bruit. (20km)
- Upgrading of 17.6 km Existing Road from Bintulu Town to Bintulu Airport to Dual-Carriageway, with a new parallel Bridge over Sg. Kemena. Completed in 2006. (RM 150 mil.)
- Kuching – Kota Samarahan Expressway. (7.3km, RM 44 mil.)
- Semariang Riverine Loop Road. (Turnkey - RM 67 mil.)
- Jalan Samarahan / Kpg. Ensengel Hulu / Kpg. Sebuyau / Kpg. Lubok Bunting, Samarahan. (RM 66 mil.)
- Part of new Access Road between Sibu and Tg. Manis (Bawang Assan – Seredeng Section), Sarawak. (RM 78 mil.)
- Access Road (60km) from Long Lama to proposed Baram Dam site, Miri.
- Pan Borneo Highway (Upgrading of existing Federal Route 1 to Dual-Carriageway with Graded Interchanges) from Bintulu to Miri. Completed in 2023. (208 km)
- Road Linking Mile 3, PBH and Coastal Road, Bintulu for BDA. (10km)
- Proposed upgrading of 20km Nadi-Suva Road, Fiji for Naim Bhd.
- Northern Coastal Highway, Lawas Section – 22.5km new dual-carriageway with Flyovers & Bridges. Design completed in 2022.
- Kuching Urban Transportation System (KUTS) : Samarahan Blue Line (27km with 14 Stations & 1 Interchange). JV Consultancy Minsar/KTA/KBCS - Construction started in 2023.
- Pan Borneo Highway (Phase 2: By-Pass Brunei) – Study & Preliminary Design, Limbang to Lawas Section. (98 km)



Semariang Loop Road in tidal swamp area, Kuching



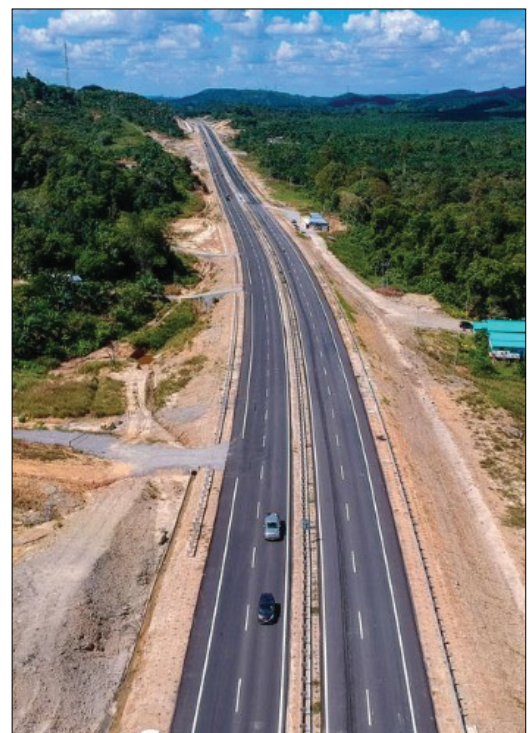
Kuching-Kota Samarahan-Asajaya Expressway



KUTS : Samarahan Blue-line (27 km, 14 Stations)



4-lane, 1.2km Viaduct at Nyabau Interchange, PBH, Bintulu



Pan Borneo Highway (208 km) from Bintulu to Miri, including 12 River Bridges and 8 Flyovers.





**15-Storey RH Hotel Complex, Sibu**



**Four Points Sheraton Hotel, Kuching**



**Swiss Inn, Kuantan, Pahang**



**Damai Laut, Swiss-Garden Resort**

## Hotels, Resorts & Condominiums

Minsar has been involved as the civil and structural engineer in the development of many beach resorts and high-rise hotels throughout Malaysia, either under fast-track turnkey construction or through the normal design, tender and construction supervision staged implementation. The following are a few typical projects the engineers of Minsar have gained experience from:

- Holiday Inn, Miri (200 Rooms). Completed in 1988.
- Kingwood Inn, Kuching (105 Rooms). Completed in 1989.
- Santubong Resort Kuching (380 Rooms) and Golf Club House. Completed in 1990.
- Sheraton Beach Resort, Langkawi (350 Rooms). Completed in 1991.
- Sheraton Beach cum hillside Resort, Langkawi (350 Rooms). Completed in record time in 1991.
- De-LIMA and Mega Budget Hotel, Langkawi (totalling 2,000 rooms). Completed in 1992.
- Langkasuka Beach Resort, Langkawi (250 Rooms). Completed in 1993.
- 14-Storey Swiss Inn Hotel (200 Rooms) with 3-Storey basement car parks, George Town, Penang.
- Swiss Inn Kuantan, a Beach Resort Hotel Pahang (300 Rooms). Completed in 1997.
- Beverly Hotel, Bintulu, a Beach Front Hotel with 200 Rooms. Completed in 1997.
- 15-Storey Hotel Complex, (RH Hotel) Sibu. Completed in 2006. (RM 55 mil.)
- Damai Laut Resort Development, consisting of a Beach-side Resort, Bungalows, Holiday Apartments, Water Theme Park, and an 18-hole Golf Course. (RM 300 mil.)



**Santubong Resort Hotel and Damai Golf Club, Kuching**



## Hotels, Resorts & Condominiums

- 18-Storey Kingwood Hotel Extension and Water Front Development, Sibü. (Total 420 Rooms, RM 90 mil.)
- 23-Storey Pullman Hotel cum Commercial Centre at Jalan Mathis, Kuching. (350 Rooms, RM 200 mil.)
- Four Points Sheraton Hotel, near Kuching International Airport, Kuching. (421 Rooms, RM 290 mil.)
- 26-Storey Pullman Hotel and an 18-Storey Serviced Apartment in Miri Central Business District. Completed in 2016.
- 3-Blocks of 18-Storey Bay Resort Condominiums and Serviced Apartments at Tanjung Lobang, Miri.
- 25-Storey Condominium at Sibü Town Square. Completed in 2016.
- 12-Storey Hotel at Paragon Centre, Bintulu.
- 34-Storey Condominium cum shopping Complex at Paragon Centre, Bintulu. Completed in 2016.
- The Pinnacle Condominiums (2 Blocks of 27-Storey) with Strata title at Jalan Tg. Batu, Bintulu. Completed in 2023.
- 18-Storey Condominium for DD Plantation at Tg. Batu, Bintulu. Completed in 2016.
- Twin 18-Storey & a 13-Storey Sapphire Condominium with 3-level basement carpark at Jalan Batu Lintang for Naim Bhd, Kuching. Completed in 2022. (RM 150 mil.)
- 22-Storey Sheraton Hotel with basement carpark at Bukit Mata, Jalan Padungan, Kuching.
- Rivervale Condominium (2-Block of 14-Storey), Kuching.
- 17-Storey Commercial, Serviced Apartment cum Penthouse Development (Urban Residences) at Lot 2, Jalan Central Timur, Kuching. Completed in 2022.
- Roxy Resort Sematan (Resort Hotel and 3 Blocks of Serviced Apartment).



**Pullman Hotel cum shops, Kuching**



**Pullman Hotel cum serviced apartments, Miri**



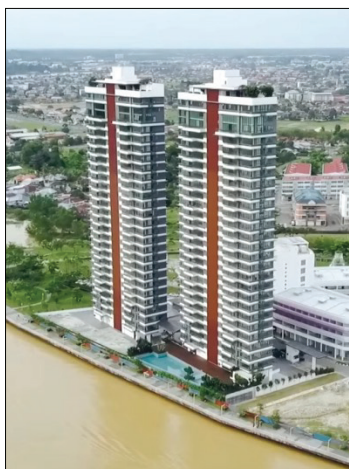
**Kingwood Hotel, Sibü**



**Holiday Inn, Miri**



**Bay Resorts & Service Apartments, Miri**



**Sibü Town Square Condominium**



**Sheraton Beach Resort, Langkawi**



# Industrial Developments

Minsar has been involved in a very wide range of industrial development projects, mainly for the private sector. In these multi-disciplinary projects, Minsar has often acted as the project manager and co-ordinator, and provided the lead role in the consultancy team. Some of the projects in which Minsar were involved are:

- Paper Mill for See Hua Daily News at Muara Tuang, Kuching. Completed in 1986.
- Extension to Forescom Plywood Factory in Bintawa, Kuching. Completed in 1987.
- Malaysian Airline Cargo Building at New Sibu Airport. Completed in 1994.
- 3-Ply Parquet Factory in Kuala Baram, Miri. Completed in 1995.
- Particle Board Factory at Upper Lanang Road, Sibu. Completed in 1995. (RM 110 mil)
- Formaldehyde and Glue Resin Plant at Sejingkat Industrial Estate, Kuching. Completed in 1993.
- Optical Fibre Factory in Shah Alam, Selangor. Completed in 1995.
- 60 units Detached Factory Buildings at Demak Laut Industrial Estate, Sejingkat, Kuching. Completed in 1997.
- Steel Rolling Mill at Sejingkat, for CMS Kuching. Completed in early 1998.
- Palm Oil Mills for R.H Plantation at Selangau (120 TPH), Sibu and at Lundu (90 TPH), Kuching.
- Sin Chiew Jit Poh News Print Factories in Bintawa, Kuching and Sibu. Completed in mid 1997 & 1998 respectively.
- UCS (cable) Factory at Demak Laut Industrial Estate, Kuching.



**RH Palm Oil Mill, Lundu, Kuching**



**Glue Resin Plant, Kuching**



**Steel Rolling Mill, Kuching**



**UCS Factory, Demak Laut, Kuching**







**Ship Building Industry at Tg. Manis**



**275/33 KV Substation at Lambir for SEB**



**AML Ferro Manganese Smelter, Samalaju, Bintulu (2017)**



**Balingian Coal Fired Power Plant - 2X300 MW**



**Press Metal Aluminium Smelter Plant (Phase 1), and Aluminium Smelter Pots, at Samalaju Industrial Park, Bintulu**

## Industrial Developments

- Integrated Workshop and Warehouse for existing MLNG Complex in Bintulu.
- Infrastructure Works on Lots 657 & 659 (1,200 acres) for Ship Building Industrial for STIDC, Tanjung Manis, Mukah.
- Fertilizer Storage and Distribution Factory for Agromate in Bintulu.
- Aluminium Smelter Plant and Supporting Facilities for Press Metal at Samalaju Industrial Park, Bintulu. Provision of full Phase 1 C&S Consultancy Services.
- Ferro Manganese Alloys Smelter Plant for AML at Samalaju Industrial Park (SIP), Bintulu. Infra-structure design and Value Engineering on all structural works.
- Lambir 275/33 KV H.T. Substation, Miri for Sarawak Energy Berhad, including a bridge over Sg. Lambir.
- 600 megawatt Balingian Coal Fire Power Plant, Mukah. Infra-structure design and authorities submission of Plant for Shanghai Electric, China. (2018)







**Miri Resort City & Marina Park, Miri**



**Batu Kawa New Township, Kuching**



**Bakun Dam Resettlement Scheme**



**Desa Ilmu New Township, Kota Samarahan**



**16km 750mm Ø Main Ext. to Bako, Kuching**



**Sibu Waterfront protection & beautification**

## Infrastructure Works

Minsar has been involved in several large scale infrastructural projects, such as, airports, water supplies, new townships and resort development requiring the provision of most infrastructure facilities, drainage, access roads and bridges, as well as in assisting in the environmental impact studies.

- Light Industrial Buildings (Over 100 units) at Piasau Industrial Estate, Miri. Completed in 1990.
- Bakun Resettlement Scheme for development of Bakun Hydro-electric Project. Completed in 1997. (RM 300 mil.)
- 16km of 750mm Water Main Extension along Jalan Bako, for Kuching Water Board. Completed in 1997.
- Damai Laut Resorts, including 18-Hole Golf Course and Holiday Bungalows, etc., Lumut, West Malaysia. Completed in 1999. (RM 180 mil.)
- Bintulu Waterfront Promenade Coastal Protection and Beautification. Completed in 2007. (RM 70 mil.)
- Langkasuka Marina Development, Langkawi.
- Infrastructure for Integrated Fishing Port at Tg. Manis, Mukah. (RM 200 mil.)
- Miri Resort City & Marina Park – 600 acres of mixed development as Miri City Extension, including diversion and improvement of Miri River Mouth. (RM 200 mil.)
- Desa Ilmu New Township, Kota Samarahan, Kuching, Sarawak. (RM 250 mil.)
- Batu Kawa New Township for 60,000 new population, consisting of 260 acres of mixed commercial, residential and recreational development, Kuching. (RM 560 mil.)
- New Tudan Township, Miri – consists of 2,000 acres of mixed commercial, residential, institutional and recreational development. (Initial infra-cost @ RM 250 mil.)
- Infrastructure Works on Lot 659 for industrial development, Tanjung Manis, Mukah Division. (RM 160 mil.)
- Tanjung Manis to Pulau Bruit Pipeline Extension, Phase 1 involves 45km of pipe main to Kg. Saiee. (RM 40 mil.)
- Sibul Waterfront-Riverbank Protection and Beautification. Approximately 300m long Water Front Promenade to Sibul Town Square. (RM 12 mil.)
- Infrastructure Works for Isthmus Development, Kuching.
- Infrastructure works for New Integrated Fishing Port Complex at Bako, Kuching under PFI. (RM 230 mil.)
- Infrastructure and structural works for new Samalaju Eco-park Township, Bintulu.
- Proposed Pakan Water Supply – Phase 2, Sarikei Division, Sarawak.
- Miri Centralised Waste Water Management System (Phase 1).
- Construction of 680m Riverwall from Kpg. Sg. Bedil to Kpg. Lintang, Kuching.





**7.0km Offshore Breakwater, Langkawi**



**Integrated Fishing Port Complex at Tg. Manis**



**Integrated Fishing Port Complex, Kuching**



**Express Boat Terminal, Sibul**



**Bintulu Waterfront Protection Works**



**650 Acres of Sea Reclamation for Miri City Extension & Marina Project**

## Marine Works

Minsar has been involved in a very wide range of marine engineering development projects, from feasibility studies, planning to implementation, for public as well as private sectors. In these multi-disciplinary projects, Minsar often acts as the project manager and co-ordinator, and provided the lead role of the consultancy team. Some of the projects in which Minsar were involved are:

- Langkasuka Marina Development with 7.0km Off-shore Breakwater, Langkawi for MOT, Malaysia. Completed in 1998.
- Integrated Fishing Port cum complex at Tg. Manis for Fishery Department, Malaysia. Completed in 2008. (RM 200 mil.)
- Asia Supply Base Oil & Gas Jetty Extension, Labuan.
- Site preparatory works for Oil exploration works for MBODC (1990) and Nippon Oil (2010), Miri.
- Sibul Express Boat Wharf Terminal for Sibul Council.
- Refurbishment and Extension of Existing Sibul Rajang Port Terminal for Rajang Port Authority.
- Extension to 3 berths and refurbishment of Existing Tg. Manis Port, Mukah. Completed in 2015. (RM 250 mil.)
- Sedimentation Studies & preliminary design of a second Approach Channel for Bintulu Deep Sea Port. Completed in 2010.
- Detailed Design of Oil and Gas Terminal & Supply Base for Bintulu Port Bhd, Bintulu. Completed in 2015.
- Bintulu Waterfront Reclamation, Protection and Beautification Works for BDA.
- Site selection and preliminary Design for a Dedicated Halal Port at Tg. Manis, Mukah for STIDC.
- Petrol Chemical Terminal Jetty – Technical Investigation and Audit for Bintulu Port Sdn Bhd.
- New integrated Fishing Port Complex along Sg. Sarawak under PFI Scheme. Completed in 2018. (RM 230 mil.)
- 650 Acres of Sea Reclamation for Miri City Extension & Marina Project.
- Redevelopment of Tg. Manis Express Wharf & Terminal.



# Studies & Masterplans

Minsar has completed and is currently undertaking major masterplan and feasibility studies in Sarawak. Some of the projects are as follows:

- **Integrated Shoreline Management Plan for Miri Division, Sarawak**

The study involves the full 145km and 1.0km Zone of coastline of Miri Division, for the Department of Irrigation and Drainage, Malaysia in 2009.

- **Miri Wastewater Management Study, Sarawak**

The Master Plan Study was carried out by EEC in association with Minsar in 2010. Minsar was engaged for the Phase 1 implementation in 2015.

- **Master Plan of Offshore Deep Sea Port at Samalaju**

Investigation and Master Plan Study of a Offshore Deep Sea Port at Samalaju for Sarawak Government.

- **Greater Kuching Development Study**

Kuching City competitiveness Master Plan Study to Year 2050, in association with KPMG & Surbana Jurong of Singapore, for SPU (RM 8.0 mil., 2019).

- **Feasibility and Master Plan Study of Deep Sea Port at Tg. Po, Kuching**

Investigation and Master Plan Study of a Deep Water Port for Kuching for Sarawak Government. Completed in 2022.

- **Review of Master Plan for Kuching Wastewater Management , for Sewerage Department (2022)**

Updating & Reviewing of Master Plan for future sewerage development phases for Kuching City.

- **Feasibility and Master Plan Study of Paloh Ship-building Complex at Tg. Manis, Sarawak (2022)**

A comprehensive and multi-disciplinary feasibility study, including preliminary engineering design.



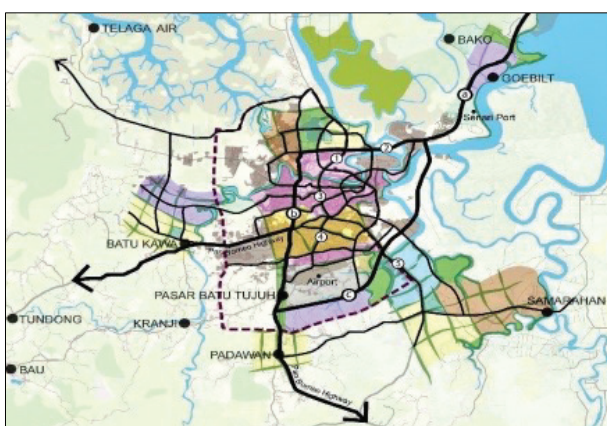
Master Plan Study for Off-shore Port for Samalaju



Miri Wastewater Management Study, Sarawak



Feasibility Study of Deep Sea Port at Tg. Po, Kuching



Greater Kuching competitiveness Master Plan Study



Master Plan Study of Paloh Ship-building Complex



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