INTRODUCTION

CORE ACTIVITIES

RANGE OF SERVICES

OFFICE & COMPUTER FACILITIES

LEGAL AND FINANCIAL REFERENCES

PROJECTS UNDERTAKEN
INTRODUCTION

Jurutera Jasa (Sarawak) Sdn Bhd is a Malaysian registered Firm of Consultancy Engineers providing a comprehensive range of engineering consultancy services to Government and Private sector clients. The firm specializes in the fields of Civil and Structural Engineering, Drainage & Irrigation, Transportation, Traffic and Environmental Planning.

Jurutera Jasa (Sarawak) Sdn Bhd was established in 1990 and currently has 4 principals. Working with unswerving dedication to professional excellence, the firm has constantly strived for improved standards of service which in turn has quickly gained the firm wide range of assignments in Malaysia. Today, Jurutera Jasa (Sarawak) Sdn Bhd has grown to a staff strength of 65 people consisting of 4 principals, 22 engineers and 26 sub-professionals and 13 administrative staff.

Jurutera Jasa (Sarawak) Sdn Bhd has successfully completed many projects throughout Malaysia and this brochure depicts some illustrations of those projects. The list is not comprehensive but does indicate the breadth of the Firm’s experience and capabilities.
CORE ACTIVITIES

Jurutera Jasa (Sarawak) Sdn Bhd offers a very wide range of engineering consultancy expertise in the following fields:-

- Roads, Highways and Expressways
- Bridges and Elevated Track-ways
- Transportation Planning
- Traffic Engineering
- Civil and Structural Engineering for High-rise Buildings, Sports Complexes, Industrial Buildings and Housing
- Water Treatment Plants
- Dam Engineering
- Water Resources Development
- Water Supply Reticulation Systems
- Ports, Harbours and Jetties
- Coastal and River Engineering including Dredging and Land Reclamation Works
- Sewage Treatment, Reticulation and Disposal
- Airports
- Drainage and Irrigation
- Environmental Impact Studies
- Oil and Gas
RANGE OF SERVICES

Jurutera Jasa (Sarawak) Sdn Bhd is capable of providing full consultancy services for a project from inception to completion. The services can however be tailored to meet the client’s requirements. The range of services offered by Jurutera Jasa (Sarawak) Sdn Bhd includes:

- Project Conception and Consultation
- Feasibility Studies
- Investigation
- Survey and Selection
- Liaison with Government Authorities
- Detailed Engineering Analysis and Design
- Contract Plans and Documentation
- Material and Construction Specification
- Estimating and Budgetary Control
- Field Inspection and Supervision
- Project Management and Full Time Construction Supervision
- Submission and Obtaining Government Approvals and Certificates
- Settlement of Contractual Claims and Disputes
OFFICE & COMPUTER FACILITIES

Jurutera Jasa (Sarawak) Sdn Bhd has offices in Kuching and Kuala Lumpur. Each office is fully equipped and furnished with drafting offices, conference room, library and a computer room. Engineering designs, analysis and computation are fully computerized. The firm has a comprehensive stock of computer software which can tackle most difficult and complex engineering analysis. The firm has a library of technical reference books, publications and other literature.

COMPUTER HARDWARE
- 45 units Pentium & Celeron IBM Compatible PC
- Two computer stations for MX Road Highway Design Program
- 5 units HP Laser Jet Series Printers
- 3 units HP Design Jet Plotters
- 1 unit Plus DLP Register

COMPUTER SOFTWARE
1. Roads & Earthworks
   - Mx Road software package - a comprehensive surface modelling system with facilities for collecting, generating, analyzing and displaying stored data.
   - Horizontal Alignment Design Program
   - Vertical Alignment Design Program
2. Transportation / Traffic Analysis
   - EMME/2 Multi-Modal Transportation Planning software
   - Signalized and Unsignalized Junction Analysis
   - Roundabout Delay Time Analysis
   - Traffic Count, Motor Vehicle Plate Matching Program
3. Drainage & Hydraulics
   - WATERCAD water pipe network analysis program
   - FLOWMASTER open channel, pipe and inlet analysis and design program
   - CULVERT MASTER culvert analysis and design program
   - ISIS full featured hydraulic flow analysis program
   - Drain Design Program (modified Rational Method)
4. **Bridge & Building Structures**
   - STAAD.Pro Full Featured Structural Analysis Program
   - STAAD.etc design program
   - STARDYNE Full Finite Element Analysis Program
   - ETABS 3-D Building Frame FEM Analysis Program
   - SAFE FEM analysis and design program for slab
   - Space Frame Analysis Program
   - Plane Frame Analysis Program
   - Plane Grid Analysis Program
   - Sub-frame Analysis Program
   - RC Design Suite Program

5. **Geotechnical Engineering**
   - GEO Slope/W - Slope Stability Analysis
   - GEO Seep/W – Soil Seepage Analysis
   - PIGLET - Pile Group Analysis
   - PILE - Pile Length Analysis
   - ALP - Pile Deflection Analysis

6. **Drafting**
   - AutoCAD Drafting Program
   - CADian IntelliCAD Drafting Program

7. **General**
   - Word processor program
   - Spread sheet program
   - Presentation Program
   - Data-base program
   - Accounting software
LEGAL AND FINANCIAL REFERENCES

**Auditor**

Hii & Lee Associates Sdn Bhd
Public Accountants
250 Padungan Road
93100 Kuching
Sarawak

**Banker**

Malayan Banking Berhad
Bangunan Satok
Jalan Satok
93400 Kuching

HSBC Bank Malaysia Berhad
Bangunan Binamas
93100 Kuching

**Solicitor**

Lai & Co.
Lot 511, 1st Floor, Lorong No. 4
Jalan Rubber
93400 Kuching
Projects undertaken by the Firm includes the followings:

**Oil & Gas**

- Independent Oil Terminal (IOT) Project at Senari, Kuching for EPCC Contractor – PPES Works (Sarawak) Sdn Bhd for ASSAR Senari Holdings Sdn Bhd. [Note: Construction just completed.]

- Front End Engineering Design (FEED) Studies for proposed Bintulu Oil Receiving Facility (BORF) at Bintulu for MMC/Murphy Oil (Sarawak) Corporation. [Note: Study in progress.]

- Oil Palm Refinery Project at Bintulu for Kirana Oil Palm Sdn Bhd. [Note: Construction in progress.]
**Drainage & Irrigation**

- Sg. Sarawak Flood Mitigation Options Study for DID Malaysia. (RM2.5 million Study)
- Sibu Town Urban Drainage Masterplan Study for DID Malaysia. (RM2.5 million Study)
- Study for the Sg. Sebalak Padi Irrigation Scheme, Sri Aman, Sarawak (RM0.7 million Study) for DID Sarawak.
- River Improvement Works for Sg. Maong, Sg. Sekama and Sg. Sinjan (RM20 million) for DID Sarawak.
- Loba Lembangan River Improvement Works, Sibu, Sarawak (RM6 million) for DID Sarawak.
- Sibu Town Drainage Improvement Works, Phase II, Sibu, Sarawak (RM16 million) for DID Sarawak.
- Sebatan Drainage Scheme (Block II) Kalaka, Sri Aman Division RM5.0 million) for DID Sarawak.
- Sg. Seduan River Improvement Works, Sibu, Sarawak (RM17 million) for DID Malaysia.
- Drainage and Flood Protection for Agricultural Development at Pulau Bruit, Sarawak (RM16 million) for DID Malaysia.
- Study for Flood Mitigation for Batu Kitang and Batu Kawa for DID Malaysia.
- Bau Flood Mitigation, Sarawak (RM20 million) for DID Malaysia.
- Sg. Ensurai Controlled Drainage Scheme, Sri Aman (RM4 million) for DID Sarawak.
- Kelulit Drainage Scheme, Sg. Sibuti, Bekenu, Miri Division (RM3 million) for DID Sarawak.


**Water Supply**

- Sg. Kelalong Dam, Bintulu. (RM65 m)
- Bintulu Water Treatment Plant Phase III. (RM60 million)
- Batu Kitang (Module 7) Water Treatment Plant. (RM60 million)
- Gerugu Dam, Sarikei. (RM60 million)
- Limbang Water Treatment Plant, Limbang.
- Second Miri Water Supply Master Plan Study.
- Kuching Water Supply Master Plan Study.
- Limbang Water Supply Master Plan Study.
- Water Supply to Santubong/Teluk Bandung, Kuching. (RM20 million)
- Sebuyau Water Supply, Kuching. (RM10 million)
- Tatau Water Supply Phase II, Bintulu Division for JKR Sarawak. (RM2 million)
- Tebelu Water Supply. (RM1.0 million)
- Water Supply to Areas between Mile 33 to Mile 37, Kuching - Serian Road.
- Proposed Septic Sludge Treatment Facility in Matang, Kuching. (RM17 m) Completed in 2000.
- Proposed 900mm/700mm dia. steel pipeline from Jalan Airport / Jalan Stutong Junction to Samajaya. (RM7 million).
- Weir across Sg. Bintangor Temadak for JKR Sarawak. (RM2 million)
- Feasibility Study for the Sg. Kelalong Dam, Bintulu
- Feasibility Study for the Proposed Bengoh Dam on Sg. Sarawak Kiri, Kuching.
**Water Supply** (cont’d)

- Feasibility Study for a multi-purpose Dam on Sg. Sarawak Kiri for Kuching Water Board.

- Hydrological Study for the Sg. Sarawak Kiri Catchment and Feasibility Study of a Proposed Submersible Weir across Sg. Sarawak Kiri.
Building Works

- Proposed Development of Regional Office for DID, Kota Samarahan.
- Proposed Government Office Complex at Mukah.
- Septic Sludge Treatment Plant at Matang, Kuching
- Bulk Gas Plant at Samajaya Free Industrial Zone, Kuching.
- Kuala Baram Port Project for Miri Port Authority.
- KTS Regional Office, a 12-storey Building Complex Housing Administrative Office, Commercial Podium And Hotel.
- 1st Silicon Wafer Fab Project, Kuching
- Extension of Sarawak State Mosque Project.
- Proposed Mukah Mosque.
- Proposed Boulevard at Mukah
- Matu Community Hall.
- Car-Care Centre For SEDC, Kuching.
- New Batu Lintang Market, Kuching.
- Proposed New 8-Storeys Federal Complex Building Sibu for JKR Sarawak
- Proposed 4-Storey Residential Flat Development on Lot 222 & 223, Block 10, KLCD, Off Jalan Keretapi, Kuching.
- Proposed Badminton Hall for Badminton Association of Sarawak.
- Esso Petrol Filling Stations, Kuching.
- Renovation of Council Negeri Building.
- Wang Ming Church, Sibu.
Building Works (cont’d)

• Museum Bandstand, Kuching.

• Proposed Development on Lot 247, (Partial), Block 5, Kuala Baram Land District, Lutong, Miri, Sarawak.

• Proposed Condominium Development at Lot 32, Section 46, KTLD, Tabuan Road, Kuching.
**Roads & Bridges**


- Batang Igan Bridge & Access Road, Sibu. (RM46 million) Completed in 2002.

- Upgrading of Betong-Kayu Malam Road, Sri Aman Division. (RM30 million) Completed in 2004.

- Upgrading of 3rd Mile Interchange, Kuching. (RM30 million)

- Design, Construction, Completion and Maintenance of Matu-Igan Coastal Road which totaled about 40km long, Sarikei Division. (RM60 million) Completed in 1998.

- Sg. Bidut Road, Sibu. (RM45 million)


- Upgrading of Borneo Highland Road, Kuching. (RM6 million)

- Improvement of 1st Trunk Road: Selalang Junction to Sri Aman – Sarikei Boarder. (RM5 million)

- Ulu Sebauh/Ulu Sekabai Road, Bintulu. (RM12 million) Completed in 1999.

- Improvement and widening of Batu Lintang Road (Phase II), Kuching.

- Improvement and beautification of Jalan Padungan, Kuching.

- Design Optimisation of the Proposed Grigat to Selalang Road for John Holland (Malaysia) Sdn Bhd, Sarikei.

- Sg. Lundu Bridge, Bau-Lundu Road.
Traffic & Transportation

• Traffic Improvement Works at Wisma Saberkas.
• Miri Traffic Study.
• Kuching Public Transportation Study.
**Wharf & Jetty**

- R.C. Wharf at Kpg. Rambungan, Kuching for JKR Sarawak.
- Proposed R.C Jetty, Sematan and Riverwall, Sematan, Kuching.
- Investigation and Design of Proposed Riverwall, Lawas, Limbang Division.
- Proposed Construction & Completion of the R.C. Commercial Wharf at Rantau Panjang, Sibu
Miscellaneous

- Sealing of Belaga Airfield for JKR Sarawak.
- Proposed Long Banga Airfield for JKR Sarawak.
- Rectification Works to Slope Failures in Bekenu Water Supply Headworks & Reservoir.
SOME OF THE PROJECTS UNDERTAKEN
Client :
PME Biofuels (M) Sdn Bhd

The proposed Biodiesel Plant has a production capacity of 500,000 tonnes per year. The full capability of the plant will be initiated in various phases. Phase 1 consists of building all the infrastructure, buildings, tank farm and a process plant capable of generating 200,000 tpy. Phase 2 and 3 will involve building additional process trains and tanks for generating 100,000 tpy and 200,000 tpy respectively.
Proposed Independent Oil Terminal Project, Senari, Sarawak
Package 3 : Bulk Storage Depot
Package 4 : LPG Facilities

The Independent Oil Terminal at Senari is meant to replace the Bintawa storage facility with one that is more modern and capable of handling larger capacities for fuel and LPG.

The project covers the construction of the following items:-
1. Fuel storage tanks
2. LPG spherical tanks
3. LPG Filling Hall
4. Tank Truck Loading Bay
5. Administrative Buildings
6. Related Buildings and Sheds
7. Supporting civil and structural components

Client : ASSAR Chemicals Sdn Bhd
EPCC Contractor : Chiyoda Malaysia Sdn Bhd / PPES Works (Sarawak) Sdn Bhd JV
Project Cost : RM200 million
PROPOSED SEPTIC SLUDGE TREATMENT
PLANT IN MATANG, KUCHING

Client : Government of Sarawak
Project Cost : RM 17,841,106
The objective of this study is to formulate the most appropriate flood mitigation option which will also address the following issues:-

- Potential sedimentation of the river
- Prevent water quality degradation in the river
- Ensure Kuching’s water supply source
- Ensure Kuching’s quality of life, especially the attractiveness of its waterfront and water-based recreational activities.

Jurutera Jasa (Sarawak) Sdn Bhd in association with SMHB Sdn Bhd had recommended the most viable option after considering the various costs, technical and social aspects. On acceptance by the Government, this option will be known as Sungai Sarawak Flood Mitigation Plan.

The Consultants had also carried out a pre-feasibility study of all major structures proposed in the selected Sungai Sarawak Flood Mitigation Plan.

Client : Drainage & Irrigation Department  
Consultants : Jurutera Jasa (Sarawak) Sdn Bhd  
in association with SMHB Sdn Bhd  
Study completed : 2003
The master plan recommends long term solutions for flood affected areas which would include improvements to the trunk and secondary drains, construction of bunds, gated structures and pump drainage. “Controlled” drainage system has been recommended due to the extensive formation of peat soils in Sibu.

Computer models have been used extensively in the hydrological and hydraulic analyses, especially for unsteady state flow conditions.

Client : Drainage & Irrigation Department
Consultants : Jurutera Jasa (Sarawak) Sdn Bhd  
in association with  
SMHB Sdn Bhd
Study Completed : 1998
**PROPOSED SG. SEDUAN RIVER IMPROVEMENT WORKS, SIBU, SARAWAK**

**Total project cost** : RM 17 million  
**Client** : Jabatan Pengairan dan Saliran, Sarawak

---

The project is the construction of approximately 240m of river wall and walkway at Sg. Seduan between the bridges at Jalan Brooke Drive and Sg. Merah Town. It continues with another 125m of river wall and walkway downstream of Sg. Merah Town towards the Igan River. Works also include the improvement of river flow by dredging 9 km of Sg. Seduan, upstream from the bridge at Jalan Brooke Drive.
THE SG. KELALONG DAM, BINTULU

Dam Height : 25 m  
Gross Storage : 33.7 million cu.m  
Purpose : Water Supply

Client: Jabatan Kerja Raya, Sarawak
Consultants: Jurutera Jasa (Sarawak) Sdn Bhd

in association with
Gutteridge Haskins & Davey Pty Ltd
THE PROPOSED GERUGU DAM, SARIKEI

Turnkey Contractor : PPES Works (Sarawak) Sdn Bhd
Consultants : Juruter Jasa (Sarawak) Sdn Bhd in association with SMHB Sdn Bhd

Dam Height : 33 m
Gross Storage : 12.2 million cu.m
Storage Type : Earthfill
Purpose : Water Supply
This 100 Mld treatment plant expansion entails the construction of a river intake, a raw water reservoir intake, a DAF/Filter combined process unit, chemical house, pump house, clear water tank and elevated r.c. balancing reservoir.

Client : Jabatan Kerja Raya  
Project cost : RM54 million
RUBBER DAM ON SG. TEMADAK, BINTANGOR

This is the first project of its kind in Sarawak where an inflatable rubber dam is employed to stop saline intrusion from reaching the Bintangor water supply intake on the Sg. Temedak. The dam is deflatable during storm discharge to avoid raising of the upstream flood level for social reason as well as environmental consideration.

Professional services provided:
Civil and Structural Engineering Design.

JURUTERA JASA (SARAWAK) SDN BHD
CONSULTING ENGINEERS
This Feasibility Study for the Kuching Water Board was completed in 1995. It was concluded that a submersible rubber dam across Sg. Sarawak Kiri just downstream of the Batu Kitang Treatment Plant intake sites is feasible to prevent the backflow of polluted waters from Sg. Sarawak Kanan and to increase the safe yield of the Sg. Sarawak Kiri. Estimated Cost of the Project is RM10 million.

Client: Kuching Water Board
FEASIBILITY STUDY FOR THE PROPOSED BENGOH DAM ON SUNGAI SARAWAK KIRI, KUCHING, SARAWAK

Client: Kuching Water Board

The Study was carried out for the Kuching Water Board in 1996 to investigate the feasibility of a multi-purpose dam near Kampung Bengoh in Kuching.

It was concluded that a Mass Concrete Gravity Dam was most favourable to secure Kuching water supply to the Year 2030 at a cost of RM 176 million. 3 Mw of hydrogeneration was possible to supply power to KWB’s Batu Kitang Treatment Plant.
UPGRADING & IMPROVEMENT OF BETONG-KAYU MALAM ROAD : PACKAGE D (FROM ROBAN JUNCTION TO KAYU MALAM (17 KM)

Client : Jabatan Kerja Raya
Project Cost : 30 million
Year of completion : 2004
IMPROVEMENT OF 1st TRUNK ROAD : SELALANG JUNCTION TO SRI AMAN – SARIKEI BORDER

Client : Jabatan Kerja Raya
Project Cost : 5 million
Expected Completion : December 2005
CONSTRUCTION OF NEW COASTAL ROAD FROM TANJUNG KIDURONG – SUAI – BAKAM, SARAWAK

The overall project consists of 175 km of coastal road from Bintulu to Miri.

Section A1 consists of 40 km of road from Tg. Kidurong to Similajau Junction. The road is designed to JKR R5 trunk road standard with 7.0 mm carriageway width and 3.0 m shoulder on both sides.

Client : PPES Works (S) Sdn Bhd
Overall Project Cost : RM580 million
Section A1 Project Cost : RM90 million
Batang Igan Access Road, Sibu
Jalan Batu Lintang is one of the main collector roads in Urban Kuching. The works involve the improvement and widening for the most part is over a 3.5m wide earth drain, which would be shifted away from the existing road and would be converted into a covered R.C. drain. The 1km stretch of improved road includes improvements to two T-intersections, and relocation of utility services.

Client: Dewan Bandaraya Kuching Utara
3RD MILE INTERCHANGE, KUCHING, SARAWAK

Client : C & H Engineering Consultants Sdn Bhd
Project cost : RM25 million

JURUTERA JASA (SARAWAK) SDN BHD
CONSULTING ENGINEERS
Jurutera Jasa (Sarawak) Sdn Bhd undertook the traffic study and the functional design of the Upland Gyratory Flyover Project. The project entails the conversion of an at-grade gyratory to a grade separated Interchange while retaining the existing gyratory operation below.
IMPROVEMENT & BEAUTIFICATION OF JALAN PADUNGAN

Client : Majlis Bandaraya Kuching Selatan
The purpose of undertaking this study was to prepare a Long Term Masterplan together with Short and Medium Term Plans for improving and developing public transportation, as well as the overall urban transportation system and traffic conditions in Kuching.

Client: State Government of Sarawak

Consultants: Jurutera Jasa (Sarawak) Sdn Bhd in association with Wilbur Smith Associate Ltd
FEASIBILITY STUDY ON IMPROVEMENT OF PUJUT AND PUCHONG INTERSECTIONS, MIRI

Client: State Government of Sarawak
Consultants: Jurutera Jasa (Sarawak) Sdn Bhd

The key study objective was to ascertain the levels of service, and operational deficiencies for the Pujut & Puchong Intersections, with emphasis on their effectiveness in coping with future AM and PM peak traffic demands.

Analysis and evaluations carried out would then allow traffic forecasts for the future, the study of traffic improvement options, conceptual design and analysis of an appropriate traffic solution for each roundabout, and the preparation of preliminary cost estimates.
Kuala Lumpur Monorail Project

Phase 1 of the Kuala Lumpur Monorail Project consists of a 8.6 kilometre elevated trackway costing about Ringgit 1.17 billion. Involved with the planning, alignment design, foundations and civil works.
MIRI TRAFFIC STUDY

The Miri Traffic Study was conducted to assist the State Government in formulating a coordinated program of traffic control and management measures, transport regulations and investments which will result in more efficient use of transport resources and facilities and will be consistent with long term development objectives. The 20 year period plan proposed as a result of the Study consists of revised Central Business District Traffic circulation, traffic interchanges, new routes and road improvements costing approximately 260 million ringgit.
NEW MIRI PORT AT KUALA BARAM
6 Berths, New General Cargo & Container Port Inclusive of Administration Block, Warehousing, Workshops, etc. Project Cost: (RM 300 million)
1st Silicon WaferFab Project

Project Cost : RM 700 million

Client : 1st Silicon (M) Sdn Bhd

JURUTERA JASA (SARAWAK) SDN BHD
CONSULTING ENGINEERS
Batang Igan Bridge, Sibu

Prestressed RC Balanced Cantilever Box Girder Bridge Construction (Completion 2002)
SARAWAK STATE MOSQUE EXTENSION PROJECT

Project Cost: RM25 million
Client: Lembaga Amanah Kebajikan Masjid Negeri Sarawak

EXTENSION TO STATE MOSQUE AT PETRA JAYA

The proposed extension increases the prayer hall capacity by about 100%, and also includes additional ablution and other facilities on the lower ground floor.

A new 99m high minaret is also designed using 3-D structural steel frames (incorporating an access lift at the central core) atop a 10m high double storey r.c. office/podium.
Contrary to its appearance, this stately 12-storey building’s exterior encompasses large span column-free modern office spaces.

Total project cost  :  RM44 million
Client               :  Jayalah Cemerlang Realty Sdn Bhd
PROPOSED DEVELOPMENT OF REGIONAL OFFICE FOR DRAINAGE AND IRRIGATION DEPARTMENT, KOTA SAMARAHAN

Client : Sarawak Incorporated Sdn Bhd
Project Cost : RM12 million
Project Completion : June 2004
MATU COMMUNITY HALL CUM DISTRICT OFFICE, MATU, SARIKEI DIVISION
PARKVIEW CONDOMINIUM

This 10-storey condominium offers a commanding view on the hill top. The design caters for spacious living environment with only two apartments per floor.

Client: Commercial Agencies
MUKAH BOULEVARD AND MOSQUE

The 90m wide by 1km long Mukah Boulevard connects the Old Mukah Town to the New Mukah Town.

The centre of attraction is the Mukah Mosque which is located at one end of the boulevard.

Total project cost: RM 9 million

Client: LCDA Sarawak
This new village concept is to cater for apartment quarters and recreational amenities for senior or mid-level staff.

This building design is based on varied clusters of 4-storey walk-up apartment (128 units per cluster).
KTS REGIONAL OFFICE, COMMERCIAL PODIUM AND HOTEL COMPLEX

Professional services provided: Civil and Structural Engineering Design

Situated in the western sector of Kuching City, this proposed complex will comprise the 10-storey high KTS Regional Office Building, a 12-storey high Hotel Complex and Commercial Podium totaling approximately 230,000 sq. feet of floor area. The structural scheme, based on a 8.4m x 8.4m column grid, also provides for a large 38.2m x 14.0m column-free atrium to 3-storey height.
CONSTRUCTION AND COMPLETION OF PROPOSED 10-STOREY FEDERAL OFFICE COMPLEX ON LOT 462 AT BROOKE DRIVE, SIBU, SARAWAK

JURUTERA JASA (SARAWAK) SDN BHD
CONSULTING ENGINEERS
This special building, shaped like a sports car, will provide high-tech state of the art vehicle servicing facilities in Sarawak. The project features many interesting but complicated steel roof frames and trusses. Portions of the roofing supports are left exposed and highlighted as architectural features. This includes the steel structures over an 18m x 18m area supported at four corners.

Services provided: Civil and Structural Engineering Design
Proposed Sinar Mekar's Office & Warehouse on Lot 14, Block 5 & Lot 61, Block 4, Muara Tebas Land District, Kuching
Built to house artefacts belonging to YAB Prime Minister

GALERIA, LANGKAWI
CABINET HOUSE, LANGKAWI

Complex in Langkawi build for Federal Government Cabinet meetings
KUALA BARM HOUSING PROJECT

116 units Terrace Houses, Semi-d and Detached Houses
LIGHT INDUSTRIAL FACTORY BUILDINGS
FOR IBRACO-LCDA, KUCHING
SEMATAN JETTY, KUCHING, SARAWAK

Client: Jabatan Kerja Raya, Sarawak
Wong Nai Siong Square, Sibu
Lok Kawi Beach Resort and Mixed Development

Spreading over 325 acres of land reclaimed from the sea
Project Cost: (RM200 million)