



Corporate Profile



<http://www.minconsult.com/>



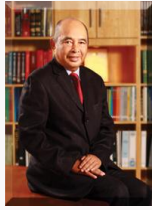
Minconsult Sdn Bhd (58835-P)
Lot 6, Jalan 51A/223,
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Malaysia



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CHAIRMAN

Tan Sri Dato' Ir. (Dr.) Wan A. Rahman Yaacob
D. Eng(hc)B'ham, PEng, FIEM, CEng, FASc., FCIQB, FICE, FIHT, MACEM.
[PSM, SPMT, DPMT, JSM, AMN].



CHIEF EXECUTIVE OFFICER (CEO)

Dato' Ir. Dr. Dennis Ganendra
MA. (Hons) (Cantab), MSc (Eng), DIC, PhD, PEng, MACEM.
[ASA]



CHIEF OPERATING OFFICER (COO)

Ir. Ros Shamsiah Muda
BSc(Hons) (Elect.Eng), PEng, MIEM, MACEM, ASEAN Eng.



CHIEF STRATEGY OFFICER (CSO)

Ravi Navaratnam
B.Ec (Hons) (Economics and Accountancy), LLB (Hons), Barrister of the Bar of UK and Wales, Grays Inn, Fellow, CPA Australia



CHIEF TECHNOLOGY OFFICER (CTO)

Gs. Trudy Ganendra
M-IGRSM, M. Eng., M.A Hons (Cantab), MSc., DIC



LOCAL OFFICES (MALAYSIA)

Pulau Pinang
Pahang
Negeri Sembilan
Johor

OVERSEAS OFFICES

Pakistan
Bangladesh
Indonesia
Cambodia

Introduction

Minconsult Sdn Bhd (Minconsult) is a multi-disciplinary engineering consultation company that is able to provide a comprehensive range of consulting services. These include the following engineering and related fields of services:

- Airport Development;
- Bridge and Marine Works;
- Building Structures;
- Computer Aided Engineering;
- Water Resources;
- Environmental & Pollution Control;
- Engineering Surveys;
- Railway, Highways and Road Engineering;
- Hydroelectric Power Generation Plants;
- Infrastructural Development;
- Land Reclamation and Development;
- Mechanical and Electrical Services;
- Project Planning and Management;
- Solid Waste, Sewerage and Sanitary Engineering;
- Soils and Geotechnical Engineering;
- Thermal Power Engineering;
- Traffic and Transportation Studies;
- Urban and Regional Planning Studies;
- Water Supply and Treatment; and
- Sports Complexes.
- Occupational Safety and Health
- Quality Assurance

History of the Firm

Minconsult traces its beginnings to 1962 when it was originally established as **P. Ganendra and Associates**, one of the earliest indigenous firms offering independent engineering consulting services in Malaysia. This firm expanded and practiced as **Ganendra, Ahmad and Associates** until the involvement of PERNAS, the National Corporation in 1971, when there were changes in the structure of the firm, together with a name change to **Malaysia International Consultants Sdn Bhd**, popularly known as MINCO. Since 2017, started to rebrand itself as Minconsult Sdn. Bhd. to signify a new era of new business ventures.

History of the Firm

The promulgation of the Registration of Engineers Act in 1973 required the release of shares held by PERNAS in MINCO to professional engineers working in the firm, and it once again became an independent consulting practice, which grew both nationally and internationally to become one of the leading engineering firms offering consultancy services in Malaysia. **Minconsult**, as presently constituted, was established in 1980, to take over the activities of MINCO as a going concern. Under this title, and with continued strong leadership, it has continued to grow, and is today one of the largest Bumiputera firms of independent consulting engineers in South East Asia. Figure 1 below shows the history of Minconsult.

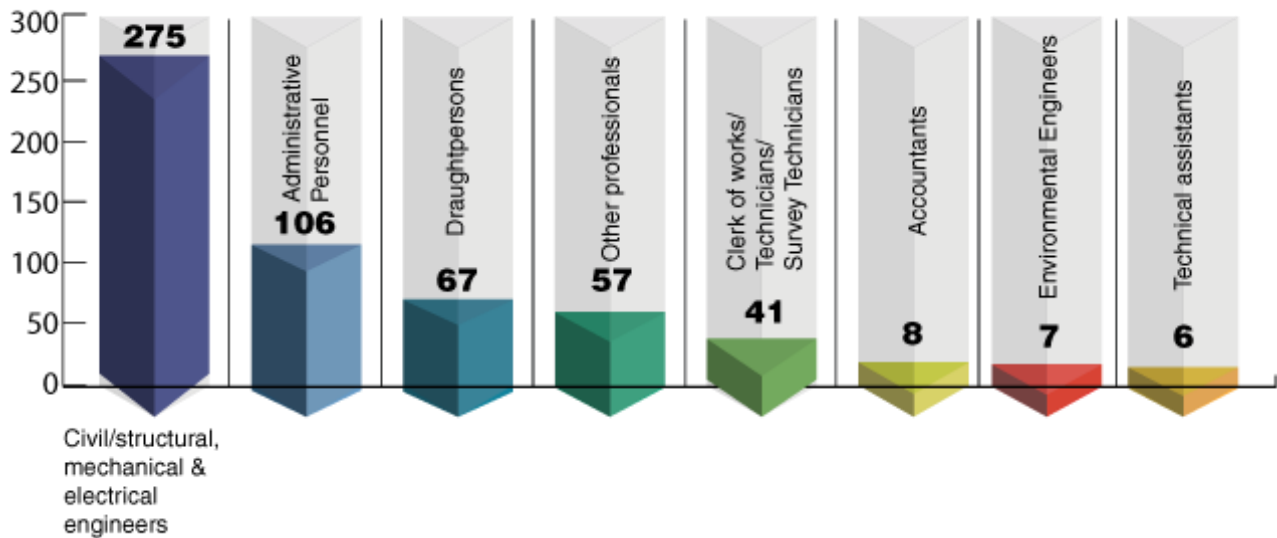
Tracing our roots from humble beginnings of a shop house across the street to an award winning engineering firm with worldwide reach.

We are Minconsult.

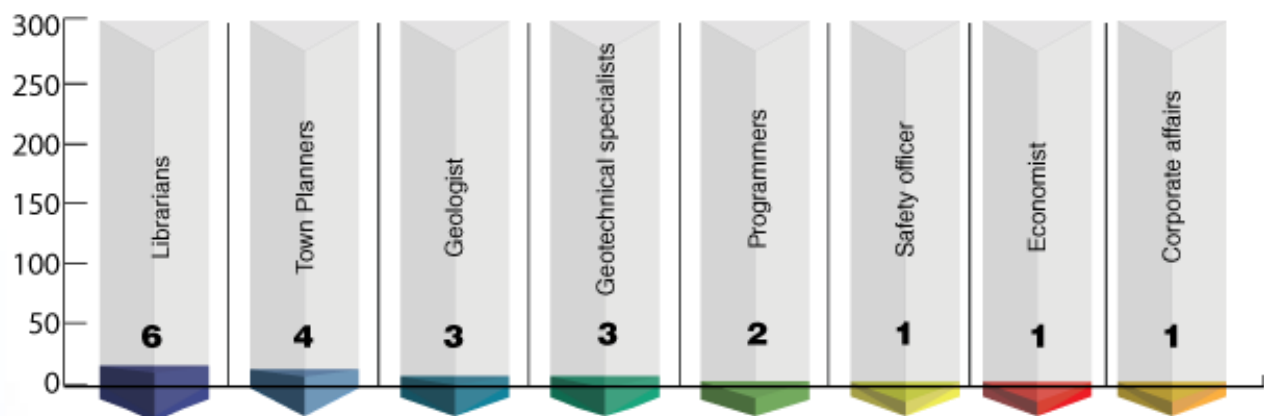


Personnel

NUMBER OF PERMANENT IN-HOUSE PROFESSIONAL EXPERT



NUMBER OF PERMANENT IN-HOUSE PROFESSIONAL EXPERT



Minconsult has on a permanent basis more than 500 well qualified and widely experienced professional staff in various disciplines of engineering capable of providing a comprehensive consultancy service to its clients.

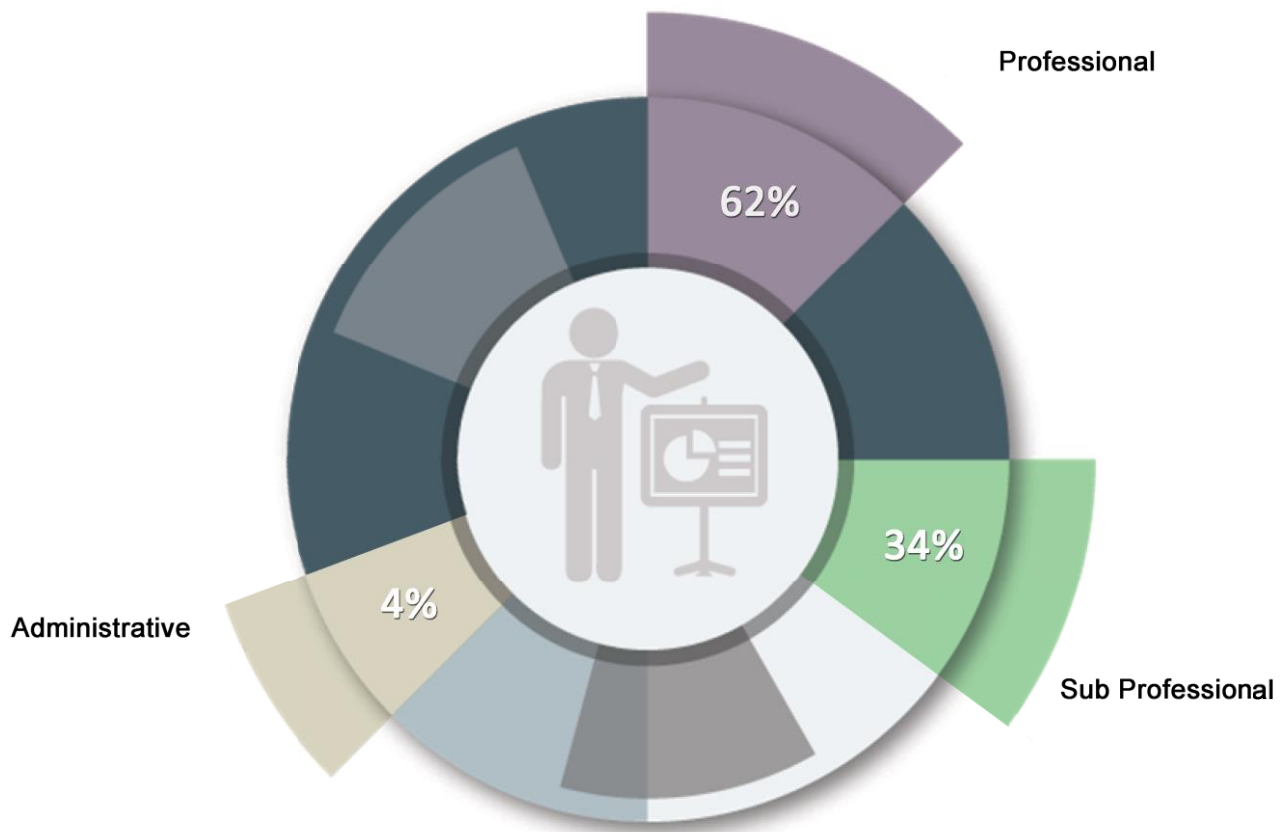


Figure 2 here shows the statistics of personnel in Minconsult

Minconsult has a well-balanced team of professional staff. There is a good spread in terms of years of work experience among the professional staff. The figure below indicates the range of experience.

Professionals by working experience:

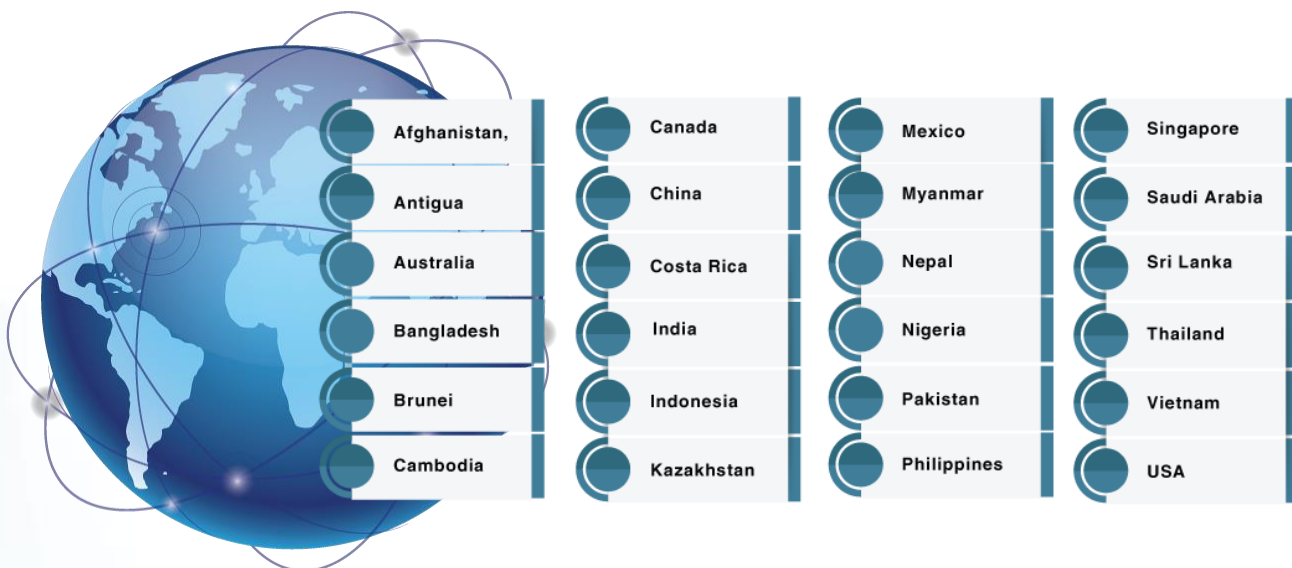


Services

Minconsult is equipped to provide services such as:

- Preliminary technical investigations
- Conceptual, economic
- Financial and pre-investment studies
- Prepare feasibility reports
- Preliminary and detailed engineering designs and drawings
- Cost estimates and comprehensive bid documentation,
- To carry out tender evaluation
- Selection of contractor, construction supervision and project management for the complete range of engineering projects in the civil, structural, mechanical, electrical, and environmental fields.
- Environmental impact assessment (EIA) studies for all forms of development at the proposal stage.

The construction cost of projects for which the firm provides consulting engineering services amounts to over RM1 billion each year. Minconsult has also carried out several overseas assignments including major projects in:



Minconsult's unique in-house resource capability enables the firm to handle and co-ordinate all aspects of a project under one roof. With its large manpower and tested experience, vast in-house referral resources, international exposure on projects overseas and those financed by the World Bank, the Asian Development Bank and other international funding agencies, and from past and continuing collaboration with numerous internationally renowned engineering firms, Minconsult is in a position to complete any assignment in the shortest possible time employing the most advanced techniques of analysis, surveying, monitoring, drafting and reporting, utilizing the latest high-end technology available.

External Support Services



Minconsult has brought key expertise to past projects. The firm has an immediate, unique working relationship and rapport with a number of specialists from around the world. We believe that past and on-going exchange of knowledge between these specialists and our engineers is an invaluable source that should be continued. Specialist advice has been sought in such areas as Geotechnical and Airport engineering and related fields.

Internal Support Services

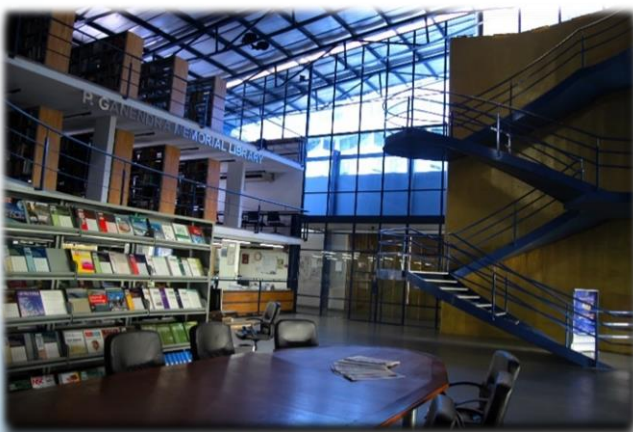
Contracts Administration

Contracts administration is an integral part of the project delivery process. The Contracts Administration Division was set up in 1985 to service all the project implementation divisions in managing the contractual aspects of construction contracts. The division keeps abreast with the laws of the country pertaining to the construction trade, and the various types of construction contracts prevalent in the country. The division is familiar with the several conditions of contract adopted in Malaysia. Whilst generally using the standard forms, the division drafts the provisions to meet any specific requirements.



Library

The selection of engineering books and technical reference material in the library of Minconsult is one of the largest in South-East Asia in its field of specialty. The library has over 22,000 books covering all fields of engineering and economics; catalogues over 3,000 totaling 70 subjects and 3,000 International Standards and Codes of Practice. The library also subscribes to over 200 technical journals and publications. The collection of books and technical reference will continue to grow.



Software Library

Minconsult uses a collection of some of the most advanced Engineering design, modelling and analysis software libraries required for a multi-disciplinary engineering consultant firm.

1. Engineering software libraries which the firm has successfully applied are to the following engineering sectors:
 - Sewerage and Environmental Engineering
 - Earthworks & Utilities Design
 - Geotechnical Engineering
 - Highway and Bridge Design
 - Structural Analysis and Design including Finite Element Analysis
 - Planning & Transportation Engineering
 - Mechanical and Electrical Services
 - Project Management Services
 - Economic & Finance
 - Drainage & Water Resources Engineering
 - Power Plant Desig
 - Railway Engineering
 - Building Information Modeling

With a pool of highly trained drafters, Minconsult is able to produce highly detailed and accurate engineering drawing within very short time frames.

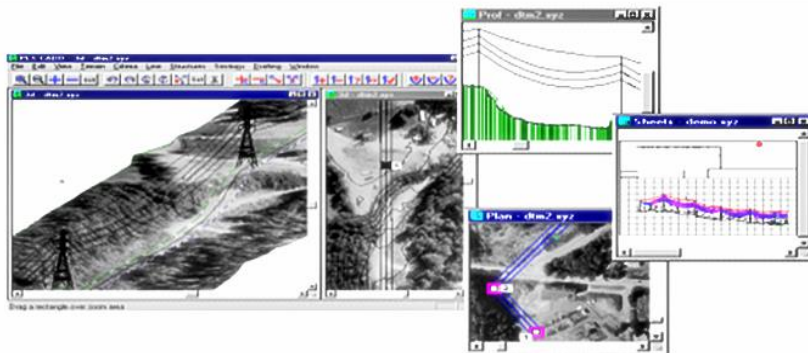
2. Industry standard Business operation Applications/software for word processing, publishing, graphics presentations, development of spreadsheets, database management, programming and communications is widely used throughout the firm.
3. Specific Application Systems and Programs developed in-house by the firm's engineers, systems analysts and programmers to provide analytical tools to selected engineering problems.
4. An organized system of internally created manuals and training systems, ensures that we are able to maximize the capability of all available software.
5. Our commitment to safety and standards was put in place to enable rigorous system testing before adopting new software.
6. As a multidisciplinary Engineering Consultant firm, we have streamlined and integrated the various expertise of different disciplines via our Building Information & Modeling (BIM). BIM is a prominent part of our company workflow. We use BIM in Building Design, Civil Engineering Design, Project Management & Clash Analysis.





In the ASEAN region, Minconsult pioneered the use of advanced computer, in-house built systems and airborne survey technology such as LiDAR, ALTP, and DVG systems. These are proven methodology, which provide full flexibility for terrain modelling for purposes of master planning, preliminary design and detailed design of infrastructure. LiDAR (Light Detection And Ranging) ALTP (Airborne Laser Terrain Profiling) and DVG (Digital Video Geographic) systems use satellites, helicopters and computer-linked laser survey equipment.

Minconsult's associate company, Ground Data Solutions R&D Sdn Bhd's technology expertise allows the production of very accurate Digital Terrain Models (DTM) and contour maps of any forest or open land area to an accuracy of 15 cm (RMSE) in a very short period. GDS R&D 3-dimensional spot heights are produced at 1 – 3 m grid. This data provides an accurate database that can be used for Engineering Design, Project Planning and Management, GIS or other planning activities, resulting in optimized and efficient client assets' operations and maintenance.



With more than 30 years of experience and 130 projects across industries, GDS R&D provides a one stop solutions in airborne and terrestrial laser mapping, engineering survey, GIS, Remote Sensing & Other Geomatics related product.

Three Dimensional Engineering model from PLS-CADD

Apart from the many engineering applications, Minconsult owns a wide array of contemporary softwares to carry out the following:

- Interactive Multimedia presentations for promotional Collaterals, engineering proposals and solutions
- Corporate artwork, stationery Design for company, illustrates concept designing for internal Marketing Material.
- An in-house developed communication media Minconsult Intranet Portal which is used for staff self service center and also act as information sharing portal. Services includes e-leave, e-claims, e-maintenance and many more which helps streamline the process

Engineers and technical staff are regularly sent for training in specialized software to enhance their knowledge and skills, and to ensure that they are well versed and up-to-date with the latest engineering application software.

Fields of Specialization

Apart from carrying out normal civil, structural, mechanical and electrical engineering work, the firm maintains specialist divisions to undertake work on long-span bridges, tolled highways and expressways, marine structures such as ports, harbours and jetties, water supplies, sewerage, Environmental Impact Assessment (EIA) studies, power stations, airports, (including A.G.L., Communications, Runways and terminal facilities), urban and regional planning, transportation, drainage, irrigation, water resources planning and development, geotechnical and geological studies, coastal engineering, coordinated infrastructure planning design and construction / project management.

ISO 9001: 2015 Certification ISO 14001:2015 and OHSAS 18001:2007 Certifications

International Management System Accreditation

In its pursuit of engineering excellence and fulfilling its social responsibility to its global community, Minconsult complies with International accredited Management Systems. Minconsult has achieved MS ISO 9001:2015; certified by SIRIM (Standard and Industrial Research Institute of Malaysia) & UKAS, OHSAS 18001:2007 & ISO 14001:2015; certified by Guardian Independent Certification Limited, UK which is accredited by Joint Accreditation System of Australia and New Zealand (JAS-ANZ). Our certifications are recognized by the International Certification Network, globally.



Scope of Registration

- Provision of consultancy services in Engineering, Town Planning, Environmental Planning and Transport Planning.
- Provision of Project Management Services and Construction Supervision Services.



Quality Policy

Minconsult is committed to providing its clients quality engineering, town planning, environmental planning, project management and related consultancy services by:

- Assigning personnel of an adequate calibre and experience to projects
- Ensuring optimal designs while complying strictly to quality and safety standards
- Striving for continual improvement of the quality management

Awards & Achievements



Year	Awards & Achievements
2019	The 19th Malaysia – International HR Awards 2019 Bronze Award in the Category of Employer of Choice (Private) by Malaysian Institute of Human Resource Management (MIHRM)
2019	Export Excellence Awards 2019 – Gold Awards in Services (Large Companies) Category
2017	The Malaysian Construction Industry Excellence Awards 2017 for Best Projects Award under Major-scale Infrastructure Project (Special Mention) for Bukit Kuang Bridge, Kemaman, Terengganu
2017	ACEM Engineering Awards 2017 Gold Award of Special Merit for Coastal Protection Works at Teluk Lipat, Dungun, Terengganu
2017	ACEM Engineering Awards 2017 Silver Award for Special Merit for Kelana Jaya Extension –Guideway Envelope
2016	The International Road Federation Global Road Achievement Award 2016 for the role in Construction Methodology for The Second Penang Bridge by Jambatan Kedua Sdn Bhd
2016	The International Road Federation Global Road Achievement Award 2016 for the role in Urban Planning & Mobility for the Bus Rapid Transit – Sunway Line by Sunway Construction Sdn Bhd
2015	The Malaysian Construction Industry Excellence Awards 2015 for Best Project Award (Building Project – Medium) for the Development of Exhibition and Conservation Centre for Giant Panda and Other Related Works in Zoo Negara
2013	The ASEAN Outstanding Engineering Achievement Award for year 2013 for the Successful Completion of the Malaysia's First State of the Art Automated Mail Processing Hub
2013	IEM Special Merit Award 2013 for the National Mail and Parcel Hub (NMPH)
2013	ACEM Engineering Awards 2013, Bronze Award of Commendation for the First Large-scale FiT Rooftop Solar PV Projects in Klang Valley
2009	Received the coveted Industry Excellence Award for 2009 from the Ministry of International Trade and Industry in the category of Export Achievement for Services.
2008	Awarded the Association of Consulting Engineers Malaysia (ACEM's) Silver Award of Merit in 2008, for outstanding contribution, undertaken at the A-380 MAS. Hanger at Complex, Kuala Lumpur International Airport
2003	Received the coveted Industry Excellence Award for 2003 from the Ministry of International Trade and Industry in the category of Export Achievement for Services
1998	Awarded the Association of Consulting Engineers Malaysia (ACEM's) Special Merit Award in 1998, for outstanding work undertaken at the Lumut Combined Cycle Power Plant
Other Minconsult's Award Winning Projects	
2015	Asian Power Awards 2015 Gold Award for Manjung 4: The First Ultrasupercritical & Largest Coal-Fired Unit in South East Asia by Alstom
2015	IPMA International Excellence Awards Silver Winner 2015 for Project Excellence in Mega Project for Manjung 4 by Alstom
2015	Institution of Civil Engineers, UK Brunel Medal 2015 for The Second Penang Bridge by Jambatan Kedua Sdn Bhd
2011	The Architectural PAM (Pertubuhan Arkitek Malaysia) Excellence Award for Malaysia's first Wind Chimney (2011), the second project to receive a final certification from the Green Building Index (GBI) under the Residential New Construction (RNC) Category, and the sixth project overall from the Malaysian Green Building Index (2011) for the Ganendra Art Gallery