



Pengurusan Projek Ijarah Sdn Bhd

(Incorporated in Negara Brunei Darussalam)
Company No. RC/00007034

COMPANY PROFILE

ISO 9001

BUREAU VERITAS
Certification



PPI Environmental
GREEN FOR THE FUTURE



Contents

1

Panel of
Specialists

2

Mission
Vision

3

Our
Services

4

Associate
Partners

5

Environmental
Consultancy Services

6

Environmental
Field Survey

7

Project Management
Services

8

Green Building
Consulting

9

Carbon
Footprinting

10

Project
Accomplishment

11

Contact
Information





“ Makanlah dan minumlah kamu dari rezeki Allah itu, dan janganlah kamu merebakkan bencana kerosakan di muka bumi. ”

(Qur'an 2:60)

Founding Partners

Pg. Irwan AB Rahaman

Executive Director

For over more than 14 years, Pg. Irwan has involved himself in various business sectors such as Oil & Gas Marine and Offshore EPC, ICT, Real Estate and Agriculture. From his vast experience, he provides useful insights on management and advice on costing, tendering, procurement and management of projects.

Hj Abdul Shukur Abul Khassim

Managing Director

As part of his architectural exposure, Abdul Shukur holds 30 years of experience, in particular with the Housing Development Department, Brunei, covering various aspects such as research of regional & local planning initiatives, evaluation of objectives, internal financial planning, FIDIC Contracts, PPP initiatives & contracts.

Datuk Dr. IR. Abdul Latif Md Som

Chairman

Datuk Latif is the Executive Chairman of KL Prima Consult Sdn Bhd, the Advisor of ICG Global Sdn Bhd, Council Member of the Road Engineering Association of Malaysia and Chairman of Gabungan Jurutera Perunding Bumiputera Malaysia, as well as serving as an Advisory Board Member of DBKL and a Board Member of The Board of Engineers Malaysia.

Panel of Specialists

Dr. William John Duane

Dr Bill has amassed a large body of expertise in research whilst carrying out a number of research and consultancy projects funded by clients including the Environment Agency. He has worked on numerous environmental projects in Brunei, Indonesia and Singapore that assess environmental impacts arising from development projects such as housing, flood prevention schemes and other construction and industrial projects.

Dr. Gopinath Nagaraj

Mr. Gopinath Nagaraj is an Adjunct Professor in the Central Institute of Fisheries Education, Mumbai, India, and accredited as an Environmental Impact Assessment Consultant and Subject Specialist Consultant by Department of Environment, Malaysia. He has over 40 years of environmental experience, focusing on fisheries and aquatic Environmental industry. He has worked in Sri Lanka, India, Bangladesh and Brunei in varying capacities.

Prof. Wan Mohd Faisal

Prof. Wan Faizal is a certified associate member under Institute Kimia Malaysia, registered EIA consultant and certified trainer under Human Resources Development Fund. He has worked over 18 years in environmental field, specializes in water quality and wastewater treatment. He is currently an associate professor at Universiti Malaysia Kelantan, Malaysia.

Our Mission



Exceeding the expectations of our Clients while satisfying the needs and ambitions of our shareholders and staff.



Provide efficient and effective Environmental Consultancy & Project Management services.

Our Vision

Awareness

Increase awareness through effective advise & consultancy on the green-built environment & project management, paving the way for sustainable urban development, benefiting private, governmental and non-governmental sectors in the drive towards a more energy efficient world and increasingly environment-conscious society.

Aspiration

PPI aspires to provide superior and high quality environmental consulting services while maintaining high ideals in the protection of environmental quality by working together to solve problems from an interdisciplinary perspective.

Quality

Continuously improve our quality management system by adopting, conforming and satisfying the ISO 9001:2015 standard and other applicable requirements.

Services

What We Do?



ENVIRONMENTAL
CONSULTANCY



ENVIRONMENTAL
FIELD SURVEY



CAPACITY
BUILDING



PROJECT
MANAGEMENT

Associate Partners



Environmental Consultancy Services



Environmental Consultancy Services



Based on our expertise in forestry, nature and the environment, we are able to provide our clients with well-researched results and advice in a timely manner.



We support them to be successful in achieving their goals, within the context of responsible development in the natural and man-made environments.



We leverage on our network of local and international experts required for the job.

Environmental Consultancy Services

Written
Notification as per
EPMO 2016

Environmental Management
and Monitoring Plan
(EMMP / CEMP)

Environmental
Impact Assessment
(EIA)

Environmental
Monitoring and Reporting
(EMR)

Environmental
Baseline Study
(EBS)

Environmental
Compliance Audit
(ECA)



Environmental Assessments

To fulfill the national requirements, detailed EIA and Environmental Management & Monitoring Programme (EMMP) reports are compiled, consulted with relevant Authorities together with affected or involved parties, and qualitative and quantitative impact assessments & predictions are performed. An EMMP is compiled which describes how the impact should be mitigated and managed over the lifespan of the project. The development of projects within an area could also have impacts on a larger scale. In such cases a strategic environmental assessment is done on a district wide or industry basis to fully understand the risks, impacts and the optimal development path. Preparation of EMMP outlining the control and mitigation measures along with monitoring plan throughout project period. Comprehensive EIA can be prepared through compilation from consultation with relevant Authorities and involved parties.



Baseline, Environmental Impact and Monitoring Studies

Development projects require that the baseline situation is assessed before project commences, and that impact on the natural & social environment is predicted and monitored. Environmental and social costs versus benefits must be known. Knowledge is needed on measures to reduce adverse impacts and enhance beneficial ones. PPI implements baseline and impact assessment studies in relation to mining, energy, agriculture, forestry, transport/infrastructure/real estate development projects.



Environmental Field Survey



Noise Level

Industrial Noise Emissions
Ambient Noise Level



Water Quality

Surface Water Groundwater
Marine Water Wastewater



Air Quality

Ambient Air Indoor Air
Stack Emission



Flora and Fauna

Terrestrial Environment
Marine Environment



Soil and Sediment Quality

Land Environment
Marine Environment

Water Quality

Water quality monitoring is performed by PPI with the purpose of ensuring the Client's compliance with local and international environmental regulations and standards to meet their respective project goals. The water quality can be measured in-situ or collected and analysed by an accredited laboratory. Water quality monitoring can be performed on:

Surface Water



Marine Water



Groundwater



Wastewater





Ambient Air

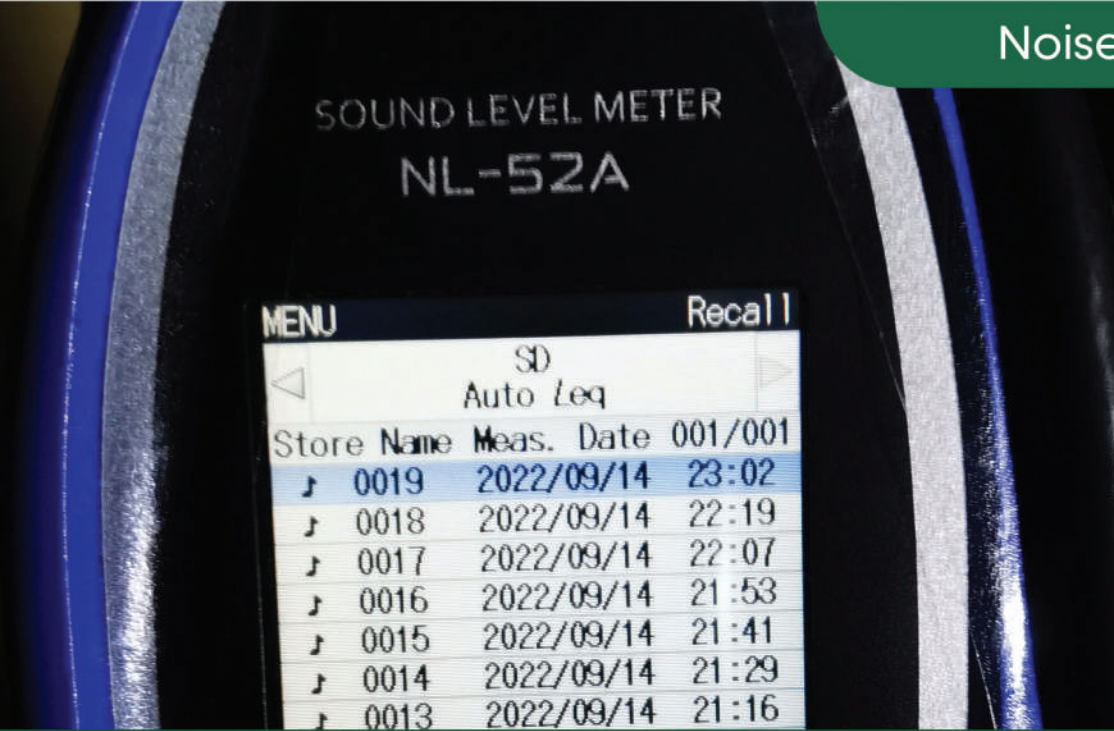
Ambient air refers to the air located in outdoor environments. To that end, the quality of ambient air is essential for human health. Ambient air monitoring is required to determine the extent of pollution in the air, providing information on air quality and finding potential sources of pollution. In reference to Brunei Darussalam's Air Quality Targets for 2035 (WHO guidelines), PPI offers ambient air monitoring for various parameters including Sulphur dioxide (SO₂), Particulate Matters (PM), Ozone (O₃), Nitrogen dioxide (NO₂), Carbon monoxide (CO), Total Suspended Particulates (TSP) etc.

Indoor Air

IAQ monitoring involves gathering data on the particles, gases and chemicals present within and around buildings and structures through testing for pollutant indicators such as CO_x, Formaldehyde, Suspended Particulate Matter (SPM), Total Bacterial Count, Total Fungal Count, Total Volatile Organic Compounds (TVOC) or adverse odours. This is done to identify trends, spot problem areas and act accordingly to preserve the health, comfort, and wellbeing of the respective occupants.

Stack Emission

Stack emissions are gases released into the air from industrial emission points such as gas flares, boiler stacks, chimneys etc. during the incineration process of various industries. If not properly regulated, these emissions can have a detrimental effect on local air quality which would in turn lead to negative impacts on the environment. Parameters that can be monitored include dust particles, heavy metals (including mercury), NO_x, N₂O, CO, CO₂, O₂ and SO₂, NMVOC (Volatile and semi-volatile organic compounds), acid gases (HCl, HF, NH₃) and many others.



Ambient Noise Level

Ambient noise level is the background sound pressure level at a given location. PPI offers ambient sound level measurement in order to map sound conditions over a spatial regime. Ambient noise levels may also be measured to establish the baseline condition of a site or to provide a reference point for analysing an intrusive sound. The ambient noise level is measured in order to achieve compliance with Brunei Darussalam Pollution Control Guideline's maximum permitted noise level recommended boundary noise levels

Industrial Noise Emissions

PPI offers noise emission measurement in accordance with globally recognised standards such as ISO1996 and ISO8297 or any standards according to Client's requirement. The objective of the monitoring is to monitor emissions and compliance in accordance to the minimum requirement set in Brunei Darussalam Pollution Control Guideline's maximum permitted noise level recommended boundary noise levels or other related directives.

Soil and Sediment Quality

Soil and sediment sampling can be undertaken to determine the physical (e.g. composition, grain size, etc.), chemical (e.g. metal contents, etc.) and biological characteristics (e.g. macrobenthic invertebrates, etc.) which may present the baseline conditions of the environment. Additionally, potential contaminations can be identified through monitoring of the soil whereby appropriate remediation strategies can be established accordingly.

Marine Environment



Land Environment





Terrestrial Environment

We conduct ecological and biodiversity surveys by assessing the flora and fauna for species that are potentially affected by project implementation. The key threats and subsequent mitigation measures will be identified based on the potential direct and indirect impacts of the project. The fauna survey will be focused on birds, mammals, reptiles and amphibians within the area of analysis. The flora survey will include botanical survey, land cover, and vegetation cover analysis (forest, grassland, shrub etc.)

Marine Environment

Marine environmental surveys can be conducted to assess the composition and abundance of the marine communities in detail. Thus, enabling assessment of potential impacts in the areas of analysis.

The marine flora and fauna study will include benthic environment, coral reefs, mangroves, fisheries, marine mammals and reptiles, seabirds, zooplankton and phytoplankton.



“

Sesungguhnya pada kejadian langit dan bumi, dan pada pertukaran malam dan siang, ada tanda-tanda (kekuasaan, kebijaksanaan, dan keluasan rahmat Allah) bagi orang-orang yang berakal (yang dapat memikir dan memahaminya).

”

(Qur'an 3 : 190)



Project Management Services

Green Building Consulting

We provide professional advisory roles for clients who seek to capture the full benefits of green, assisting Clients with the various green accreditation schemes such as LEED, Green Mark and the Green Building Index, providing advice on smarter and innovative built-environment concepts.

We assist clients through the web of green options with their best interests in mind. Our specific research and methodology will deliver the optimal goodness of green. By aligning business and engineering solutions, we look to maximise the project potential, while minimising adverse environmental impact, allowing sustainable frameworks to be in balance between environmental, social and economical aspects.

Our services include:

- ✔ Green Reporting and Certification Advisory
- ✔ Environmental Sustainability Solutions
- ✔ Environmentally Sustainable Design Services – Energy modeling
- ✔ Green Material Advisory, etc.



BCA GREEN MARK





Carbon Footprinting

In order to reduce the amount of GHGs produced or remove emissions, it is crucial to calculate one's carbon footprint in order to improve carbon management. Moreover, this will allow reduction in operating costs, improve corporate or national reputation, draw new investments and meet regulatory requirements under various protocols and principles. Carbon footprint has been developed in response to the increasing demand for greater corporate responsibility in the management of climate change related issues. Additionally, monitoring all activities and mandatory reporting of GHG emissions are required to ensure the nation's accountability and responsibility to provide transparency through monitoring.

Our services include:

- GHG Reporting Advisory
- Environmental Monitoring
- Sustainable strategies Advisory



Construction Management

We assume the overall management of the construction of the project, replacing the need for a main contractor thereby eliminating their margin which is undoubtedly higher than our construction management fee. The project will be divided into several packages and fully managed and coordinated by us. This option provides a “Construction Arm” for the Owner yielding him significant savings and flexibility with a higher level of control on Cost, Time and Quality. It also allows ‘Fast Tracking’ projects where construction work can begin before the design is fully complete. With this, we also offer cost analysis and estimation, where we evaluate the price of a specific project. This can be done at budgetary level, prior to completion of the design based on assumed performance specifications, or at an accurate level, once the full design is available. We can also provide this service to a contractor tendering a project competitively.



Design Management

We manage the design process for the Owner, guiding him in seeking the appropriate architects and specialty engineers (Structural, Electrical, Mechanical, etc), managing, and coordinating their activities and deliverables while ensuring design coordination, construction compatibility and efficiency through the various stages of the design process (concept, preliminary, final through tender documents). In doing so, we provide a full review of the design where we identify problem areas and subsequently create solutions and recommendations in order to achieve optimum value by evaluating design options, analysing all aspects of the design including systems and materials to make it more efficient and less costly.



Tender Management

We manage the tender process on behalf of the Owner by short-listing qualified contractors from our extensive database of contractors and vendors, distributing the tender documents, following up on tender queries, evaluating bids technically and commercially and making recommendations to the Owner. If agreed upon, we prepare the contract to be signed between the Owner and the successful contractor(s). We also provide procurement services where we survey the market, recommend vendors and subcontractors, issue Requests for Quotation, analyse offers and provide the recommendations to our Client for all project procurement needs. We can also prepare the Purchase Order on behalf of our Client.



Client Representation

We represent the Owner and monitor the work of the various parties (project manager, A/E, consultant, contractor) and coordinate matters that require the Owner's approval in an efficient fashion, giving them advice to make correct decisions. We also review and respond to claims submitted against a Client ensuring their best position contractually. Additionally, we can prepare claims on behalf of a Client.

Environmental
Consultancy

29

Tender Environmental
Consultancy

11

Green
Mark

1

Project
Management

15

Tender
Management

10

Project Accomplishment by 2022



Connect With Us



env.ppimarah@gmail.com



Tel :+673 2586210



ppimarah@gmail.com



<https://www.ppienv.com/>

Unit 5, 1st Floor, Block C,
Latifuddin Complex,
Jalan Tungku Link, Gadong,
BE 3719, Brunei Darussalam