Altus Oil & Gas Malaysia Sdn Bhd

(201001017574)

Service Brochure

Your Partner for Marine, Oilfield and Logistics Solutions



"**Impressed** with the proficient approach of everybody at Altus and would like to thank you all for the participation and support"

"**Exceptionally fulfilled** along with your benefit and it has been a joy to work with you and the rest of the team"

www.altusoilandgas.com.my

Altus Oil & Gas Malaysia Sdn Bhd, a subsidiary of Altus Logistics Malaysia Sdn Bhd was founded in 2010. From its humble beginning with 3 personnel and a small office in Johor, Altus Oil & Gas Malaysia has since grown its presence in the country with offices and onshore bases in Labuan, Bintulu, Miri, Kemaman, Kuantan, Johor, Tok Bali and Kuala Lumpur. Later, the company headquarters moved from Johor to Kuala Lumpur and currently employs 75 personnel.

Altus Oil & Gas Malaysia Sdn Bhd has solidified its position over the years and is rapidly expanding in marine, logistics, and oilfield solutions. We provide solutions for our customers with supply chain management, supply base operations, marine and oilfield support, equipment, and storage facilities.

Altus Oil & Gas has a long history of supporting the energy sector and forms part of Altus Logistics Global Network. Through years of operating in respective fields, our fully trained people have the capacity to formulate applicable solutions for our customers.



Marine Solutions

The provision of multiple activities related to vessels and rigs, which are either provided to the clients within an integrated package or independently. Altus's scope of work includes lay-up, preservation and maintenance, marine asset decommissioning, inspection and certification, floating hose maintenance, repair and vessel charters.

Our lay-up services include hot lay-up mode (warm stacking) or cold lay-up (cold-staking). We evaluate the best lay-up location with the consideration of your asset's current location and her next destination. To ensure your objective is met, we work with you to design the best turnkey lay-up scopes that match your cost-benefits, asset integrity and quick reactivation purposes.



Other than lay-up services, we are involved in equipment, spare parts and raw material preservation which covers the upstream and downstream industries. Preservation of equipment and spare parts is essential in maintaining the lifespan of the assets and managing the financial flow. At Altus, we provide state-of-the-art preservation service to our clients. The eco-friendly Vapour Corrosion Inhibitor (VCI) ensures spares are well preserved, at the same time minimising corrosion and damage while in storage. This preservation method covers a wide range of applications including electrical, mechanical and control systems.

Our other services include ship-to-ship cargo operation solutions, offshore seismic solutions and robotic solutions for hazardous and volatile environments.



Marine Solutions

Ship/Rig Lay-Ups

We understand that your decision to lay-up your marine assets – vessel or rigs would have been driven by the need to reduce cost during low or no earnings period without compromising the asset's integrity.

Altus understand these expectations and share the same objectives. We will work with you to design suitable lay-up scopes that meet your marine asset's specific requirements.

We establish with you the lay-up mode either hot lay-up (warm stacking) and cold lay-up (cold-stacking).

Our locations of hot and cold lay-up are:

- Cold Lay-up : Brunei Bay – Labuan, Sungai Johor and PGU Anchorage Area – Johor
- Hot Lay-up : Bintulu – Sarawak, Lumut – Perak, Kuantan – Pahang, Batam – Indonesia, Gresik – Indonesia

Ship/Rig Preservations & Maintenance

The decision to lay-up marine assets would have cost benefits but also present risks to asset integrity and costly reactivation works if the right strategies are not in place. Our scope of services for preservation and maintenance work include the following:

- Cost Evaluation of the preservation works
- Manpower supply, provision of dehumidifier, as well as supply and apply Vapuor Corrosion Inhibitor (VCI), shronk wrap and anti-corrosion paint
- Periodic visits to inspect and maintain the rig/vessel
- Onshore storage facility for equipment that is removed from the rig/vessel prior to lay-up
- Procurement and minor fabrication works
- Tank inspection and de-mucking
- Reactivation works that include removal of VCI, shrink wrap, steel works for replacement of corroded parts, painting and blasting, handling of class/insurance inspection, above water and underwater testing and inspection
- Security services to ensure all equipment and spares left onboard are intact and avoid theft risk

Marine Solutions

Marine Asset Decommissioning

When rigs or offshore well platform or floating processing and storage units reach the end of lifespan, they will need to be dismantled and decommissioned.

Our services for marine asset decommissioning or disposal include the following:

- Removal works of equipment and facilities of the asset
- Onshore base facilities such as wharf and storage yard for removal works
- Tank cleaning, de-slopping and de-mucking
- Waste removal and disposal
- Logistics and transportation
- Provision of cargo handling equipment, lifting cranes and logistics
- Testing and inspection
- Provision of marine fleets
- Provision of manpower – skilled and experienced general workers.

Inspections & Certification

At Altus, we acknowledge that inspection and certification are important to meet the above objectives.

Over the years, we have developed our own expertise and provided qualified inspectors for the following inspections:

- Lifting appliances and gears
- Heavy cranes and lifting equipment
- Non-Destructive Testing (NDT)
- Drops Objects
- Cargo Carrying Unit inspection
- Pressure test and pressure relieve valve test
- EX survey and inspection
- Mooring system – Quick Release Hook (QRH)
- Inspection, maintenance, calibration and repair.

Marine Solutions

Floating Hose Maintenance & Repair

Altus has developed a mobile team of experts with mobile equipment that can create facilities with the capability to repair and maintain your hose at onshore marine facilities near you. With Altus purpose-built hose launcher, you no longer require a slipway to launch your hose. These services are available at Kemaman, Bintulu, Labuan, Miri, Johor, Tok Bali and Lambongan, Indonesia.

Our offshore floating hose repair and maintenance services include:

- Engineering services
- Maintenance services
- Inspection and Pressure testing
- Hose stringing / de-stringing
- Dismantling and installation
- Hose towing

Vessel Charters

Realising that most of our services would require marine fleet support such as Platform Services Vessel (PSV), Anchor Handling Tug (AHT), Work Barge, Accommodation Barge, Flat-top Barge, Crew Vessel and Heavy Lift Vessel, Altus has developed partnerships with many vessel owners in the region to enable us to provide the right chartering solution for you.

Offshore Seismic Solutions

In 2023, Altus introduced 2D resolution services for geophysical and geotechnical surveys as part of preparation before the commencement of the drilling campaign.

Geophysical surveys establish seabed bathymetry, seabed features, water depth and soil stratigraphy, identify hazardous areas on the seafloor and human-made risks such as unexploded ordnance.

Geotechnical surveys and soil boring purposely measure the testing of the soil consistency and structure groundwater level and make recommendation for rig positioning and commencement of drilling based on the results.

Marine Solutions

Ship to ship Solutions

Ship to ship (STS) is the most economical solution for cargo operation without a jetty or berth. It is suitable for LNG, crude, fuel bunkering, crude palm oil and timber. At present, our services are available in Johor and Kedah, Malaysia.

Our services include:

- STS kit rental
- Person in Overall Advisory Control (POAC)
- STS supports tug and crew boat
- Agency services

Asset Integrity Management

The three main elements of an Asset Integrity Management System (AIMS) are design, technical integrity and operational integrity. Asset integrity applies from the beginning of conceptual design, fabrication, preservation, operation up to the final cycle or decommissioning of the asset. Therefore, it is essential to ensure these elements are well maintained and executed to ensure the assets are in a fit-for-service condition till the end of the asset's life cycle.

Our experts have in-depth knowledge of the oil & gas and petrochemical fields, providing asset integrity management solutions that clients need to achieve productivity gains, while meeting safety and environmental concerns.

Marine Solutions

Equipment and Asset Preservation

Preservation of equipment and spare parts is essential in maintaining the lifespan of the assets and managing the financial flow. In providing excellent preservation solutions for our clients, we work with Magna International Pte Ltd as the sole authorised agent in Malaysia for Vappro Bio Corrosion Inhibitor (VBI).

This eco-friendly product is designed to suit the multi climate condition and protect against corrosion for ferrous and non-ferrous metal. This preservation method covers a wide range of applications including:

- Electrical (printed circuit board, switchboard, breakers)
- Mechanical (metal product, pipes, casing, valves)
- Rotating parts (engines, pumps, turbines)
- Control systems

Robotic Solutions

Inspection and surveillance of hazardous and volatile environments such as refineries have shifted towards automation and require IECEx and ATEX Zone 1 certification. Understanding the need for certified robots, we are partnering with EX Robotic, the leading expert in developing reliable robots for harsh environment, as their official robotic distributor for the Southeast Asia region.

The fully autonomous robot is equipped with LiDAR which allows it to be aware of the surroundings while the AI/ML computer powers the robot autonomously to navigate the complex environment and customize options to a specific use case are available.

Our services include pre-delivery service, deployment service and helpline service.

Oilfield Solutions

The provision of complementary services includes offshore containers and equipment, offshore winches compressors and generators and chemical handling storage and transportation.

In providing this solution, Altus works with the best company in the market, Swire Oilfield Services – the world's largest offshore container specialist. With Swire Oilfield Services, we offer a wide range of highest certifications of specialist offshore containers, baskets, tanks, skips, workspaces and all other liftings equipment.

As added value services, our clients have the option to fit the equipment with GPS tracking system that will increase real-time visibility and tracking of the assets. Our aim is with this feature, our clients will be able to optimise business processes, supply chain and regulatory compliance.



Oilfield Solutions

Offshore Containers & Equipment

There are many things to consider when you transfer your cargo, tools, equipment, supplies, and wastes between your onshore base and offshore rigs or platforms,

In providing this solution, Altus works with the best in the market, Swire Oilfield Services – the world's largest offshore container specialist. With Swire Oilfield Services, we offer a wide range of the highest certifications of specialist offshore containers, baskets, tanks, skips, workspaces, and all other lifting equipment.

Our equipment includes:

- Offshore containers
- Offshore tanks
- Offshore baskets
- Offshore skips
- Gas racks
- Modular system

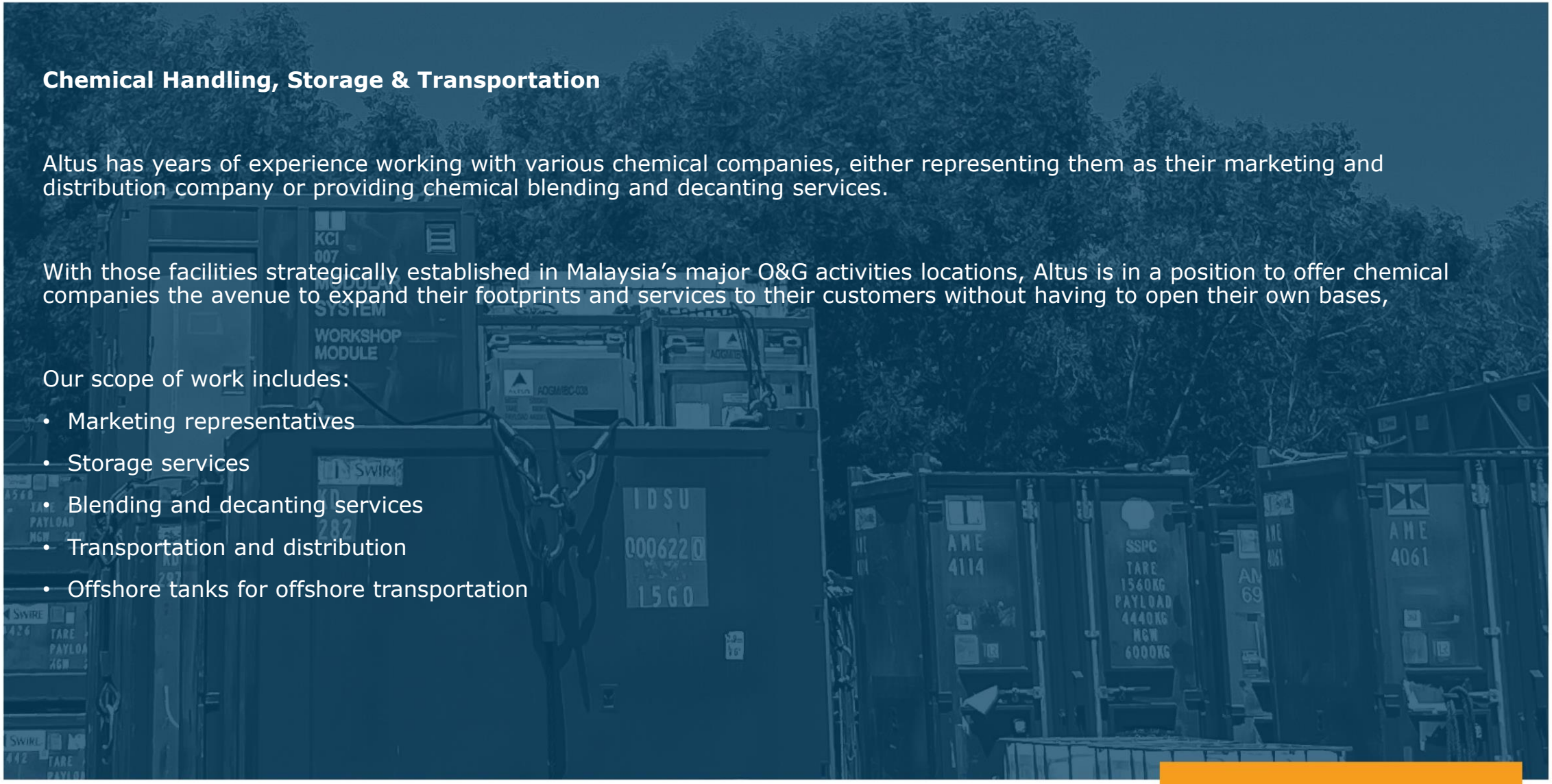
Offshore Winches, Compressors & Generators

Our offshore equipment portfolio has also expanded to include winches, compressors and generators.

Our equipment includes:

- Ingersoll Rand air tugger and lift rated winches
- Variable speed hydraulic winches
- 300 tonnes iand 400 tonnes capacity linear winches
- PLC based constant tension winch systems
- Spooler winches and capstan winches
- Ingersoll Rand and JDN air chain hoists up to 30Te and long fall chain lengths
- Enerpac Hydraulic Jacking equipment up to 800Te
- Hydraulic power units instandard, rig safe and zone 2 configurations, hydraulic hoses and control systems
- Diesel air compressors, air hoses, desiccant dryers and aftercoolers
- Industrial Machinery Skates

Oilfield Solutions



Chemical Handling, Storage & Transportation

Altus has years of experience working with various chemical companies, either representing them as their marketing and distribution company or providing chemical blending and decanting services.

With those facilities strategically established in Malaysia's major O&G activities locations, Altus is in a position to offer chemical companies the avenue to expand their footprints and services to their customers without having to open their own bases,

Our scope of work includes:

- Marketing representatives
- Storage services
- Blending and decanting services
- Transportation and distribution
- Offshore tanks for offshore transportation

Logistics Solutions

Supply base operation is the most critical node of an offshore logistics supply chain. Selection of the location of an onshore base is also a key critical success factor that will determine cost benefits as farther distance means higher logistics costs.

Through years of operating offshore bases in Malaysia, Indonesia, China and Australia, Altus has developed relevant, vast experience and expertise. Thus, Altus will be able to evaluate the best supply base location (which may include existing supply base, ports and/or any suitable water-front facility) for each campaign project to ensure that our customers have the most cost and efficiency benefits.

Altus services in logistics solutions include supply base operation, project logistics, custom brokerage, shipping agency, freight forwarding and e-logistics.



Logistics Solutions

Supply Base Operations

Supply base operations is the most critical mode of an offshore logistics supply chain. You would not be running an efficient and cost-effective offshore works campaign if the supply base operations are not efficiently operated. The selection of location of an onshore base is also a key critical success factor that will determine cost benefits as farther distance means higher logistics costs.

Through years of operating offshore bases in Indonesia, China and Australia, Altus has developed relevant vast experience and expertise. Thus, Altus will be able to evaluate the best supply base location (which may include existing supply base, ports and/or any suitable water-front facility).

The scope of work for Altus's supply base operations includes:

- Berthing facilities
- Warehouse and open yard cargo storage and staging area
- Vessel agency services
- Cargo handling
- Rig and vessel importation
- Third-party procurement
- Engineering and minor fabrication
- Provision of skilled manpower
- Work permit
- Vessel clearance

Logistics Solutions

Shipping Agency

Handling your vessel calls at foreign ports can be a complex endeavour and costly if not appropriately handled. Vessel would have to deal with a band of local authorities such as immigration, customs, marine department, health and quarantine divisions, port operators and authorities as well as ever-changing regulations. Not only that, local culture and tradition may also pose its own challenges.

Our suite of services include:

- Vessel inward and outward clearance
- Port services
- Government agencies formalities
- Crew handling – work permit and pass, OKTB. Letter of Guarantee, Meets and Greets, Accommodation and Transportation
- Bunkering
- Husbanding and ship supplies
- Minor onboard repairs

Custom Brokerage

Altus is licensed as a Custom Brokerage Agent in all main ports in Malaysia. Our cargo clearance system is electronically linked directly to the Royal Malaysian Customs (RMC) system.

Altus personnel is also certified by the RMC to act as Customs Agent and is highly knowledgeable on all entry procedures, admissibility, requirements, classification, valuation, and the duties and taxes imposed on exported/imported goods.

Logistics Solutions

Project Logistics

Logistics solutions for your project is always complex and challenging especially when you have to transport many heavy line items that are heavy, oversized and in various shapes from one location to another or from one country to another.

Through years of experience and knowledge acquisition, Altus has developed in-house capabilities for consulting, planning, managing and executing that allow us to offer integrated services to our clients. We have successfully executed project logistics jobs both onshore, such as for large refinery construction, and offshore, like for multidiscipline hook-up and commissioning projects.

Our project logistics solutions include:

- Various modes of transportation – heavy lift charter, sea and freight
- Importation handling – cargo clearance, customs brokerage, tax consultation
- Heavy lift cranes and land transportation
- Free zone formalities
- Expediting
- Logistics planning
- Project management and reporting

Logistics Solutions

Freight Forwarding

Altus offers freight forwarding as part of our logistics solution services. Through Altus Group's global networks and our third-party partners, we offer various freight forwarding solutions to move your cargo to your destinations.

Our equipment includes:

- Land transportation
- Sea freight
- Air freight

Altus E-logistics Solutions (AES)

Altus E-logistics Solutions (AES) is a mobile-friendly web application developed to digitalise and streamline the logistics process, daily operation tasks, and project monitoring.

Understanding the challenges faced with manual processing, AES offers flexibility, visibility abd data security that improve productivity and efficiency through:

- Online ordering
- Real-time order tracking
- Centralised document management
- Dashboard reporting
- Notification alert
- Contract summary

Our Certifications

Our integrated management system is certified by BV and reflects our dedication to QHSE.

Altus handles difficult jobs, in difficult locations, safely, and without harm to the environment.

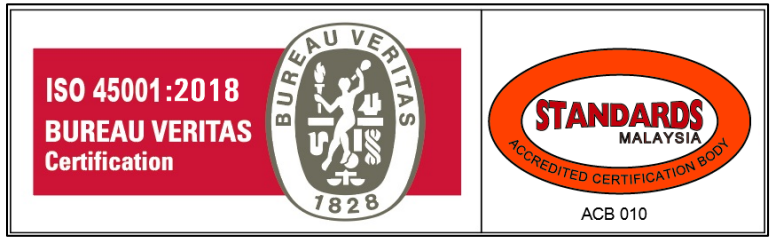
Altus environmental policy ensures that, whenever practicable, our activities are ahead of legal requirements and standards for environmental best practice in the countries where we operate.

Our ISO Certifications:

- ISO 9001:2015 (Quality Management Systems)
- ISO 14001:2015 (Environmental Management Systems)
- ISO 45001:2018 (Occupational Health & Safety Management Systems)







Our Commitments

Quality, Health, Safety, & Environment

- Certified with ISO 9001, 14001, and 45001 for Integrated Management Systems (IMS)

Sustainable Development

- Developing local communities
- Net-zero carbon target

Ethics & Compliance

- Employees Ethics
- Our partners are selected and vetted
- Comply with the Foreign Corrupt Practices Act (FCPA)
- TRACE Certified



Our corporate values

Altus has clearly defined its corporate values, guiding us towards excellence in every operation, every time, everywhere.

Continuity

- Work towards a sustainable future in everything we do
- Create lasting and added value for our stakeholders
- Embrace changes – be open, flexible and well prepared
- Inspire respect and loyalty from our team and local communities

Endeavour

- Maintain the highest level of safety awareness for every job
- Commit wholeheartedly to meeting our goals and objectives
- Relish challenges – even when the going gets tough
- Remember that hard work and commitment bring lasting success

Excellence

- Approach challenges positively, professionally and responsibly
- Commit to exceeding expectations in every job we do
- Deliver according to agreed schedules and budgets
- Seek to be ahead of legislation rather than reacting to it

Humility

- Acknowledge our limitations and take responsibility for our failures
- Remember that we can always improve
- Respect, listen to and seek to learn from others
- Use failures and shortfalls as opportunities to improve and grow

Integrity

- Act in all matters honestly, openly, and in the "right" way even where this is beyond formal regulations and requirements
- Create a bond of trust with our stakeholders
- Work to maximise our positive environmental impacts and be accountable for any damage we may cause

Teamwork

- Appreciate diversity and the contribution that every individual's expertise and experience brings
- Work as One Team to complete difficult jobs in difficult places, safely
- Celebrate our successes and remember that they belong to all of us

Our Location

Altus has grown geographically to support the expansion of its customers in new markets. Today, notwithstanding our origins in Kuala Lumpur, we have offices in Terengganu, Kelantan, Pahang, Johor, Labuan and Sarawak. All our offices support the energy market, and many of them are located at strategic domestic hubs, Strengthening our own office network, we have specialized local partners in places where we do not have our own physical presence. These partnerships are reviewed annually to ensure that they are well-managed and aligned with our best practices.



Regional Offices

Kuala Lumpur
Unit 5-7, Oval Damansara, Menara Permata Damansara, No.685 Jalan Damansara 60000 Kuala Lumpur.
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