

MARINE GEOTECHNICS · SUBSEA INTELLIGENCE

Offshore Geotechnical







Specialist marine geotechnical investigation from our own jack-up barge — boreholes, in-situ CPT, seabed sampling, and geotechnical testing for offshore platforms, subsea pipelines, port expansions, and marine terminals across Kuwaiti waters and the Arabian Gulf.



Since 2004 · Own jack-up barge · KOC & KIPIC approved · Multi-purpose vessel
Integrated marine team

Kuwait's integrated offshore geotechnical capability.

Vision International operates one of Kuwait's only **in-house offshore geotechnical capabilities**, built around our own jack-up barge and marine survey fleet. We deliver complete investigation programmes — marine boreholes, offshore CPT, seabed sampling, marine CPTu — alongside integrated bathymetric, side-scan sonar, and sub-bottom data, giving clients a single package for **port expansions, subsea pipeline replacements, offshore oil platform foundations, mooring systems, and offshore wind pre-FEED surveys**. Fully deployable for KNPC, KOC, KIPIC, KGOC, WJO, KPA, and KAPP/MEW marine programmes.

 <p>Jack-up Barge</p> <p>Own self-elevating barge for stable drilling platform in shallow and intermediate water depths.</p>	 <p>Marine Boreholes</p> <p>Rotary and wireline drilling with down-hole sampling, SPT, and core recovery in marine sediments.</p>	 <p>Offshore CPT & CPTu</p> <p>Seabed and sub-seabed Cone Penetration Testing with pore-pressure measurement for design parameters.</p>
 <p>Seabed Sampling</p> <p>Grab samples, vibrocore, gravity core, and piston core collection for sediment and benthic studies.</p>	 <p>Pipeline Geotechnics</p> <p>Ground model for submarine pipeline routing, trench design, cable burial, and shore approaches.</p>	 <p>Platform & Mooring</p> <p>Foundation and anchor design inputs for fixed platforms, jackets, mooring buoys, and SPM systems.</p>

HOW WE WORK

From Marine Plan to Signed Offshore GI Report



Planning a marine pipeline, platform, or port campaign?

Jack-up barge and multi-purpose vessel mobilized on 10-day notice · Kuwait Port Authority and KOC approved

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Full Offshore Geotechnical Offering

Own Jack-up Barge

KOC & KIPIC Approved

Kuwait Port Authority

Multi-purpose Vessel

MARINE DRILLING & SAMPLING

- Jack-up barge based rotary drilling
- Wireline drilling with Geobor-S
- Undisturbed sampling in soft marine clays
- Continuous core recovery in cemented layers
- Down-hole SPT in marine boreholes
- Vibrocoring and gravity coring
- Piston sampling for sensitive sediments

IN-SITU OFFSHORE TESTING

- Seabed CPT (push-in type)
- Down-hole CPT and CPTu
- Marine pressuremeter testing
- Offshore vane shear testing
- Seabed piezometer installation
- Marine permeability and pump testing
- Temperature and electrical profiling

PIPELINE & CABLE ROUTES

- Submarine pipeline route investigation
- Cable route and burial assessment
- Pipe-soil interaction parameters
- On-bottom stability inputs
- Thermal resistivity profiling
- Scour and erosion assessment
- Shore approach and tie-in geotechnics

PLATFORMS & STRUCTURES

- Jacket platform foundation design inputs
- Monopile and suction bucket data
- Mooring anchor and SPM parameters
- Port quay wall and breakwater GI
- Offshore wind pre-FEED characterisation
- Marine terminal berth pocket surveys
- Geohazard and seismic site response

The Vision Difference — Why Clients Choose Us



Integrated Delivery

Field crews, senior engineers, and accredited ISO 17025 laboratory under one roof — no hand-off delays, no subcontractor gaps.



Engineer-Led Reports

Every deliverable is signed by a senior chartered engineer — findings interpreted for design, not delivered as raw data.



Schedule-Driven

Owned equipment, owned laboratory, owned teams. We hit tight oil & gas, MPW, KOC, and EPC schedules — every time.

Sectors We Serve

Oil & Gas

Infrastructure

Marine & Ports

Buildings & Towers

Industrial

Government

2004

ESTABLISHED

2000+

PROJECTS DELIVERED

4

ISO CERTIFICATIONS

Kuwait

& GCC COVERAGE



Vision International General Trading & Contracting Co. W.L.L.

Established 2004 · Kuwait-based · GCC delivery

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