Corporate Profile

...Building the world beneath you...
The Bothar Group of Companies ("Group") is an international contractor that has over 25 years of cutting edge experience in successfully delivering challenging subsurface engineering solutions to a wide range of clients and market sectors. The Group choose their projects carefully, only seeking those projects where they feel that they will add value and minimise the delivery risk to their clients and project stakeholders. The Group has an enviable track record, local management expertise, a highly skilled specialist workforce, a diverse capability range and a specialist equipment fleet that can be mobilised efficiently to meet the specific needs and objectives of their clients; this is the Group’s competitive advantage that continually delivers its clients with better results.

The Group has over 1000 employees of 30 different nationalities, working across 10 countries; that are continually converting subsurface engineering opportunities into secured and delivered projects throughout its global operations and Group offices located in Australia, New Zealand, Singapore, Canada, Qatar, Dubai, Kuwait, Oman, South Africa, Ghana and the UK. The service offerings include; Shaft Construction, Microtunnelling, TunnelBoring & Pipejacking, Auger Boring, Direct Pipe, Bothar Cranes, Bothar Built Tunnelling Machines and HDD.

The Group has a strong focus upon worker and public safety, ensuring that it minimises its environmental footprint whilst also striving to maintain the public amenity to road, rail, seaway and utility services in meeting with the local community’s expectations.

Why Bothar?

Repeat business with many clients reinforces that the Group can make a significant contribution to the success of your project, with staff and work crews who have a proven track record in the successful execution and delivery of subsurface engineering solutions. The in-house staff are also thoroughly familiar with the Group’s equipment, work teams, specialised construction techniques and are committed to Zero Harm, maximum public safety and ecological sustainability. The Group has the capacity to deliver subsurface engineering solutions anywhere in the world. The Group’s core leadership team are experts in their fields and are highly visible and accessible to their clients and project teams through the Group’s international network of general management, project management, specialist installation staff and local engineering support facilities.
Our Mission
To provide sustainable and increasing value to clients, shareholders and staff, through a business model that continually innovates.

Our Values
The Group’s commitment to sustainable business practices and client satisfaction is reiterated in its underlying values. The Group’s core values are driven through five key areas of business practice:

- **Safety**: Completing every project with zero injuries.
- **Integrity**: Open and honest communication with each other and all project stakeholders.
- **Quality**: A can-do culture and track record of honouring commitments.
- **Ideas**: Innovation in all operations and continually striving for improvement.
- **Teamwork**: Working together to achieve our goals.

Our People
The Group’s top management are directly accountable for the performance of all projects and recognise that the fundamental requirement for a successful project is to have the right people in the right role. On an international scale, the Group is committed to utilising the best people and equipment for each project, with additional resources readily available upon request.

Specialist Equipment
In addition to one of the largest fleets of Herrenknecht microtunnelling machines, the Group owns a diverse fleet of specialist subsurface engineering equipment that is available to suit each unique project situation. The fleet consists of Microtunnelling Machines, TBM’s, Direct Pipe, Bothar Cranes, Bothar Built Tunnelling Machines, Auger Boring Machines, Horizontal Directional Drill Rigs, Fully Steerable Devices, Axis Systems, Cutting Heads and numerous specialist ancillary equipment and custom-built devices. The fleet is serviced by the Group’s in-house local maintenance specialists that are backed up by the equipment manufacturers engineering support as required.

The Bothar Group of Companies comprises of three separate organisations:
Key Projects

**KIPP Seawater Intake and Outtake Tunnel**
- **Duration:** 18 Months
- **Details:** Microtunnelling of 2.65km of 2000mm diameter seawater intake and outtake tunnel with a maximum subsea drive length of 1085m in excess of 250MPa rock, two radial drives and marine seabed TBM recovery.
- **Location:** Tema, Ghana
- **Client:** Group Five

**Rous Design & Construct Water Pipeline Tunnel**
- **Duration:** 6 Months
- **Details:** Design and construction of a 360m long 1500mm dia GRP water pipeline tunnel beneath a live water treatment plant, in a drinking water catchment area, through 120MPa rock, on a downhill grade of 6.4%.
- **Location:** Mt Warning, Australia
- **Client:** Rous County Council

**Al Mutlaa - Mega Project**
- **Duration:** 30 Months
- **Details:** The installation of 43,000 m of microtunnelling ranging from 300mm to 2500mm diameter including the construction of 750 shafts up to 30m deep, in the Kuwaiti desert, 80 km from the Iraqi border.
- **Location:** Kuwait
- **Client:** KOLIN

**Pine River Direct Pipe Crossing**
- **Duration:** 3 months
- **Details:** Direct Pipe installation of a 450m river crossing of a 42” gas transmission pipeline as part of the North Montney Mainline Project through mixed ground, 20m below the ground level and 9m below the river bed.
- **Location:** British Columbia, Canada
- **Client:** TransCanada PipeLines

**Qatar Integrated Railways Underpass Canopy Tubing**
- **Duration:** 4 Months
- **Details:** Installation of pedestrian subway canopy tubing and back reaming works using axis pilot and auger boring machine and steel casing of 508mm diameter in rock.
- **Location:** Doha, Qatar
- **Client:** QDVC & Qatar Rail

**Gold Coast Seaway Crossing**
- **Duration:** 12 Months
- **Details:** Microtunnelling of a 2000mm ID, 1500m long subsea crossing, the launch shaft is a 26m deep, 12.5m diameter secant piled construction and the reception shaft is a 7.5 m diameter 26m deep pre-cast segmental sunk caisson.
- **Location:** Gold Coast, Australia
- **Client:** Gold Coast City Council
Subsurface Engineering Solutions

**Shaft Construction**
The Group has successfully constructed many shafts of various diameter and depth using either jacked caisson, pre-cast segmental caissons, underpinning techniques, soldier piles, secant piles and sheet piles.

**Microtunnelling**
The Group utilises cutting-edge microtunnelling machines manufactured by world leaders, Herrenknecht. The slurry-supported excavation concept makes it possible to use these machines in all kinds of ground conditions, from silt and clay to gravel and rock.

**Auger Boring**
The Group’s Auger Boring machines are used to bore horizontally through soil or rock with a cutting head and auger. The majority of machines are used to install pipe casings under railways, highways, runways, creeks and any area of ground that cannot be open cut or disturbed.

**Tunnel Boring & Pipe Jacking**
Where particularly tough or mixed ground conditions require either machine or manual excavation, Bothar have an extensive range of open and closed faced EPB, TBM’s, muck handling trains, conveyors and screw feed systems and state of the art customised pipe jacking equipment to install steel pipes, concrete casings and all types of carrier pipes.

**Direct Pipe**
This method combines a pipe thruster and microtunnelling machine that allows us to simultaneously excavate the borehole and install the pipe in one step.

**Bothar Built**
Bothar Built specialises in designing and manufacturing tunnelling machines that solve complex construction challenges in all types of ground conditions.

**Bothar Cranes**
Specialising in the set up and retrieval of our TBM’s and launching frames for our tunnelling works, Bothar Cranes completes our competitive advantage and additionally services external clients with their heavy lifting requirements in the oil and gas and infrastructure sectors.

**HDD**
The Group’s Horizontal Directional Drilling (HDD) is a technique typically used for long crossings over waterways, gorges and environmentally sensitive areas where traditional trenching or excavating is not a practical solution.