



**KHIDMAT
HIJAU
SDN BHD**

PIPE JACKING SERVICES



A close-up photograph of a person wearing a teal suit jacket and matching trousers, adjusting their cufflinks. The person's hands are the central focus, with one hand holding a cufflink and the other adjusting it on the sleeve. The background is dark and out of focus, showing the person's legs and brown leather shoes. A bright yellow rectangular box is overlaid on the center of the image, containing text.

OUR VISION

"Be known as a trusted and respectable contractor that delivers the final product with utmost performance, ethically and morally. "



COMPANY BACKGROUND


since 2007

In 2007, **Khidmat Hijau Sdn Bhd** was established with a CIDB G7 by founder Mr.Liow Chong Liang and Mr.Joseph Chang Ming Shing as a general contractor offering construction services including trenchless piping installation, plumbing services, water and sewage reticulation, designing and building of sewage treatment plant.

We strongly believe in our 3Rs, “Reliable, Respectable and Reputable” and that is what keeps us going and working harder every day.

Our company managed to diversify our field of expertise by investing in few major construction machines which includes jacking machine from overseas. We also enhance our capacity by owning 38 units of various heavy machineries include excavator, vibro machine, backhoe, lorry crane available.

We mostly associate with nation building construction company and developer.



PIPE JACKING SERVICE

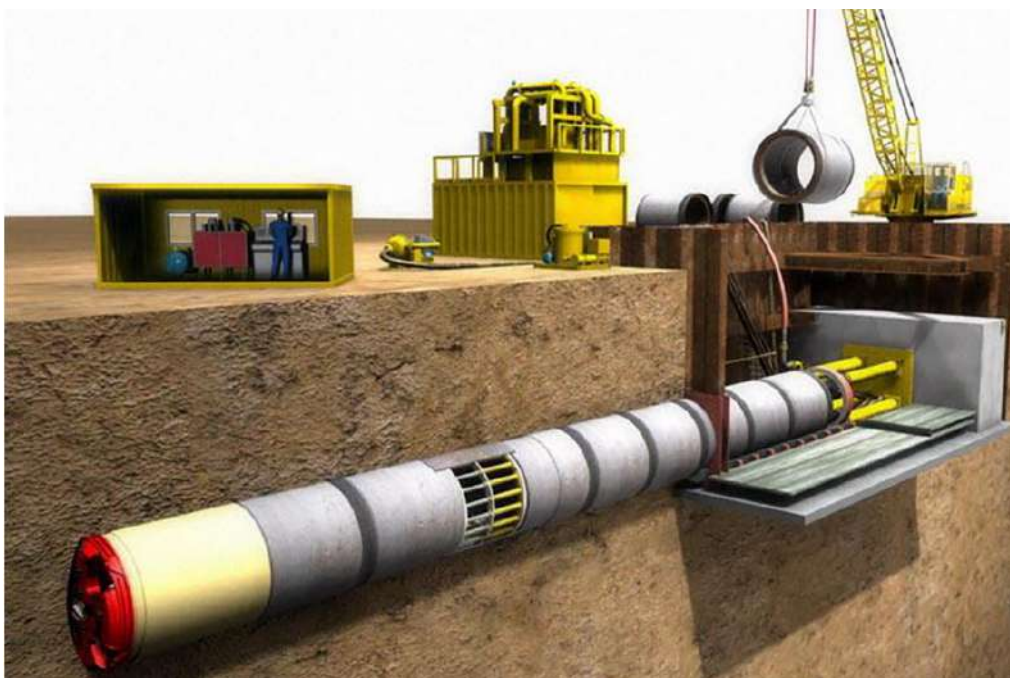
Khidmat Hijau Sdn Bhd has the strength in Pipe Jacking which is a method of trenchless installation.

Pipe Jacking Method is primary used an alternative to open cut excavations or other tunneling methods.

It reduces need for man-entry and improves operator's and worker's safety by using computer guidance system for pipe jacking.

Our pipe jacking ongoing project such as Highways, LRTs and Langat 2 Centralised Sewerage Pipeline. We also received many request from other influential company in recent years.

We provide Jacking Services vary from 450mm to 2400mm.



CAPABILITIES AND SERVICES

Why Pipe Jacking? Why Us?

LONG JACKS

- ▶ Drive lengths in excess of 300metres
- ▶ Most of these are in pipes up to 2400MM size

CURVES JACKS

- ▶ Pipe installs under/ over sensitive areas
- ▶ Curves jacking avoid obstacles (such as bridge pillings, manholes, building foundations, etc.)

INTAKES & OUTFALLS WITH UNDERWATER RECOVERY

- ▶ Most intakes and outfalls are located underwater, as such, conventional 'open face' machines would flood or expansive cofferdams would have be built in environmentally sensitive areas to retrieve conventional machines

MARINE / RIVER CROSSINGS

- ▶ Hydrostatic counterbalance Jacking Machine able to operates underneath wet environments (such as rivers, creeks, wet soil, etc.)

MINIMAL DISRUPTION

- ▶ Trenchless pipe installation requires small working area, more friendly to the community, public and the environment

RAILROAD / HIGHWAY CROSSING

- ▶ Microtunneling technology undergoes pipelines under Railroads, Highways without disturb of traffic or railways

CAPABILITIES AND SERVICES

COST EFFECTIVENESS

- ▶ No pavement cuts and backfill needed saving the costs

SAFE

- ▶ No pavement cuts and backfill needed for even deep and large pipe installation

ENVIRONMENT FRIENDLY

- ▶ Techniques used in the microtunneling and pipe jacking process ensure quantities of both incoming and outgoing materials are reduced significantly. Not only is this less harsh on the surrounding environment, but it boosts the safety benefits for the workers too.



Jacking machine and thrust pit setting up

Computer guidance systems for pipe jacking



Shaft and Pit Construction



Working shaft construction methods can be used for pipe jacking operations including:

- Circular caissons jacking pits
- Aluminium formworks
- Sheet Piling
- Segmental Lining



In some situation, ground treatment or underground water dismantling may be needed to enable the construction of shaft to proceed.

These include:

- Well pointing and deep wells
- Compressed air
- Suspension grouts
- Chemical stabilization
- Ground freezing



RECENT PROJECTS

Double Track Mega Project



Electrified Double Track from Gemas to Johor work awarded Diversion of Water Supply.

Langat 2 Centralised Sewerage Pipeline



The Sewerage Conveyance System at Langat 2 for 450MM, 750MM and 1200MM sewerage pipe jacking, pits and shafts constructions.

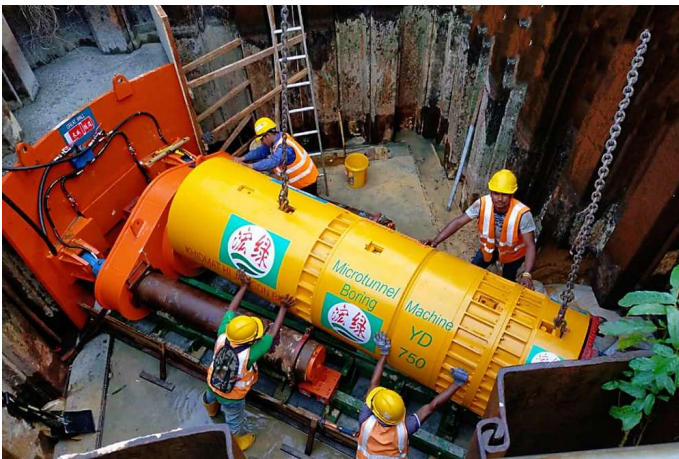
RECENT PROJECTS

Suke Highway CA3



Project Suke Highway Package CA3 - Construction and Completion of Mainline and other associated works with work awarded the Execution and Completion of Relocation of Sewerage Reticulation Work.

LRT3



Construction and Completion of Light Transit Rail Line 3 from Bandar Utama to Johan Setia with work awarded Utilities Relocation for Sewerage Works.

OUR RESOURCES & MACHINERY

Our company managed to diversify our field of expertise by working out in few major construction machines which is including varies size of 450MM to 2400MM jacking /microtunneling trenchless machine.



**450MM JACKING
MACHINE**



**900MM JACKING
MACHINE**



**1500MM JACKING
MACHINE**

We also have 38 units of various excavator, vibro and JCB available.



BACKHOE



VIBRO MACHINE



CONTACT

Thank you for your interest in Khidmat Hijau Sdn Bhd.

Please contact us using the information below. We are available during business hour.

Kuala Lumpur

19A, Jalan Nadchatiram 1,
Taman Taynton View,
56000 Cheras,
Kuala Lumpur.
marketing@khidmathijau.com
+603-91311923, +6019-7100935

Johor Bahru

3A, Jalan Impian Emas 3
Taman Impian Emas,
81300 Skudai, Johor
marketing@khidmathijau.com
+607-5540668, +6019-7100935 (Joseph)

