

OUR SERVICES

Construction Services:

- Large Scale Construction
 - Factory, Bridge, Jetty, Tall Buildings etc.
- Pre-stress Structures:
 - Pre-stress Flat Slab and PSC Girders.
 - Silo (Slip-Form).
- Steel Structure Fabrication & Erection.
 - Onshore/Offshore Piling Works.
- Rotary RCD/Bucketed Drilling up to 2000mm (80in) diameter & up to 80m (260ft) depth.
 - Pre-cast Piles 30m (100ft) without Splice.

Consultancy Services:

- Design of R.C.C, Pre-stressed, Steel Structures and Foundation
 - Pre-stressed Flat slab (40ft Span), Tall Buildings, Jetties, Factories Silos.
 - Steel Structure Design.
- Geotechnical Investigation Services with Cased Rotary Drilling:
 - Fully Cased Drilling up to 140m depth (Offshore/Onshore)
 - Fully Equipped own Soil Laboratory with Tri-axial test.
 - Computerized Electronic Cone Penetration Test (E-CPT) and Flat Plate Dilatometer Test (DMT), Vane Shear Test
- Pile Driving Analyzer (PDA) to ascertain pile capacity instantly from PDI, USA
- Pile Integrity Testing (PIT) from PDI, USA

Rental Services:

- 70 / 35 / 25 Ton Crawler Crane
- 25 / 5 Ton Tire Crane
- Concrete Pump (65m³/hr)
- Excavator/Payload/Dump Trucks
- Diesel and Hydraulic (Vibro) Hammer
- Low-bed (60Ton) & High-bed Trailer
- 700Ton & 200Ton Capacity Steel Barge
- 700HP Tugboat

GEOTECHNICAL INVESTIGATION FOR PADMA BRIDGE

Offshore Fixed Drilling Platform



Offshore Floating Platform



Flat Plate Dilatometer Test



Offshore Electronic CPT Testing



MAJOR FIELD TESTING/SAMPLING ITEMS

- Drilling up to 160m depth (Offshore/Onshore)
- Full Length Casing to minimize sample contamination
- Undisturbed Sampling: Triple Tube Core barrel, Stationary Piston Sample, Gel Push Sampling for undisturbed Sand and Gravel, U100/76 Sample.
- Cone Penetration Test (CPT), Flat Plate Dilatometer Test (DMT).
- High Pressure Dilatometer Test (HPD), Self-boring Pressuremeter Test (SBPT), Self Boring Internal Friction Test (SBIFT).
- Cross Hole Seismic Test and Seismic Tomography Test.

FOR SERVICES OR FURTHER INFORMATION, PLEASE CONTACT:

DEVELOPMENT CONSTRUCTIONS LTD.
FOUNDATION CONSULTANTS LTD.

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 Years

