



B2B PURCHASE

for Project Procurement



20

bauma ConExpo 2023: digitalCE technology @ display

100

Demand for eco-friendly materials reduces carbon footprints

136

Technology evolution to improve the efficiency of PEB

INDIA CE INC EXPLORING THE DIGITAL EDGE

The leaders across the construction equipment businesses have commented on India's export potential and the growing emphasis on digitalisation, leading to growth in CE demand in the infrastructure and construction sector.

Providing global and innovative engineering solutions



**Pradeep Kumar
Divakaran Nair**

Managing Director,
Terraform Geotechnical
Services Pvt. Ltd.

“Safety and reliability are two key considerations in keeping a complex industrial environment running.”

Terraform Geotechnical Services Private Limited is a forward-looking company committed to bringing global and innovative engineering solutions to the Indian market.

How do you look at the need for engineering geotechnical services for road construction, mining, and other infrastructure areas?

Geotechnical investigation is critical in the design process because it considers potential ground constraints, offers pragmatic solutions and ensures that the right measures are put in place to ensure the safety and success of any construction or mining project, the safety of the public, and the impact on the environment.

What kind of customised consultancy and tailor-made technical tools and services do you offer for mining, construction, and other equipment businesses?

Terraform specialises in the selection and supply of customised as well as standard multi-purpose equipment as per the project requirements. These are applied in the fields of drilling, geotechnical investigation, grouting, slope stabilisation, ground engineering, dredging, and non-blast rock excavation in various hydroelectric, tunnelling, mining, metro rail, and high-speed rail projects.



We offer comprehensive after-sales support and customer care, offering full product support and maintenance, integrated parts procurement, software solutions, and professional training at our premises or on-site.

Can you shed some light on your R&D capabilities and investments made to add innovations?

As the construction sector is changing rapidly, to survive and thrive in the competitive market, we have applied R&D to improving our existing processes for increasing efficiency and reducing cost, which in turn is helping our business to gain a competitive edge and improve long-term productivity and profitability.

How do you ensure the safety and reliability of your equipment?

Safety and reliability are two sides of the same coin in today's industrial environment, where increasingly complex and interdependent equipment are used. The same is ensured by:

- ensuring quality control of materials and parts used to manufacture or maintain the equipment.
- implementing proper maintenance procedures to preserve the integrity of process equipment
- providing adequate training so personnel can know how to maintain deployed equipment
- conduct reliability engineering to ensure the safe operation of the equipment until its next test or inspection.

What are your technology and solution offerings?

Using cutting-edge technology and the highest standards available in the fields of geotechnical and foundation engineering, we provide turnkey solutions in tunnelling, mining, road construction, slope stabilisation, and dam rehabilitation. ■