



Terraform Geotech

Pradeep Kumar Divakaran Nair, Managing Director

“We aim to be a part of India’s geotechnical engineering market which is expected to reach USD 90 billion by 2030 due to the increasing infrastructure development projects and the Government’s initiatives for modernising the road and rail sectors.”

Terraform geotechnical services Pvt Ltd. is offering products that are specifically designed to cater to the needs and technical aspects for various projects such as grouting technology with data-logging, TBM segment backfilling, dam rehabilitation, hydro power projects, road building, slope stabilization, bridge foundations, geotechnical investigation, dredging in ports, mining sector, and water filtration system.

Bringing improvements in civil and technical construction projects

We are focused on providing innovative and advanced equipment and solutions to the Indian market. As India is seeing unprecedented growth in infrastructure, the groundwork requires tremendous expertise and niche solutions to geotechnical works like drilling and grouting across land, water, and riverbeds. Along with our global associates, we are bringing several improvements in our equipment, tools, and data logging software as per the project requirements of customers.

Our machines and components are energy-efficient and long-lasting. We have introduced a new range with the latest grouting and drilling technologies, heavy-duty dredging pumps for ports, dam and mining, modern solutions for shotcreting for improving slope stabilization, and a water filtration system for construction, mining, and wastewater sectors. Our water-powered drilling tools are environment-friendly and energy-efficient.

Environment-friendly solutions

We are developing best-in-class tools and machinery in accordance with global standards of quality and environmental awareness, and we follow sustainable practices to reduce carbon emissions in our product range.

We are introducing water-powered drilling tools which are ecologically sound and productive in drilling in the construction and mining sectors. Water filtration systems that are essential and will form the backbone for construction, mining and wastewater sectors are catered to with due diligence to the environments and the scale we operate in. We are committed to our global associates to provide environment friendly solutions for various project applications.

Maintaining high quality and adhering to the tenets of sustainable practices

Our global associates have been in this industry for more than 50 to 100 years and are involved in projects worldwide. Along with our clients, we study project applications and then choose the best equipment to make the jobs efficient and safe.

We provide maintenance on time, analyse the cause of machine breakdowns to increase the life of our equipment. With our penchant for

quality and not cutting corners, we truly extend the life and usage of machines. Maintaining the highest quality standards and adhering to the tenets of sustainable and maintenance alert practices keeps us ahead in the game.

Partnering with clients, engineering firms and design consultancy companies

Terraform Geotechnical’s engineering solutions and aftersales support ensure the stability and reliability of its construction equipment. We are always ready to take feedback and suggestions from our clients and implement them in our future development of products.

We have devised a comprehensive strategy to expand our market presence and drive sales by investing in marketing campaigns to raise awareness about our innovative solutions and highlight their benefits. We support our customers at every step of the way - from planning to equipment selection and choice of tools and machinery, to delivery, setting up, initiation, monitoring, to aftersales service, maintenance and overall technical guidance.

We are building strong relationships with our clients, engineering firms and design consultancy companies to establish strategic partnerships. We are investing in developing technological advancements in geotechnical engineering to gain a competitive edge in the market. The several projects we have collaborated with across the country bear testimony to our technical and engineering prowess.

Outlook for civil and geotechnical engineering market in India

As per industry reports, the civil engineering sector in India is expected to witness robust growth driven by ongoing infrastructure projects, urban development initiatives, and technological advancement. India’s geotechnical engineering market is expected to reach USD 90 billion by 2030 due to the increasing infrastructure development projects in India and the Government’s initiatives for modernising the road and rail sectors.

The geotechnical engineering segment plays a crucial role in ensuring the stability and safety of structure in diverse geological conditions. We are poised to build and sustain world-class infrastructure across roads, metros, sea- and airports. In fact, our company’s growth and scale are interlinked with India’s future and global positioning. Our aim is to facilitate, integrate, initiate, and complete the process of building world-class infrastructure in India.

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