

Geotechnical Services Market Size, Share, and Analysis, By Type (Underground City Space, Ground & Foundation, and Slope & Excavation), By Application (Building Construction, Oil & Gas, Municipal, Marine, Mining, and Others), By Region (North America, Europe, Asia-Pacific, And Rest of the World) And Regional Forecast 2024-2034

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Abstracts

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PRODUCT OVERVIEW

Geotechnical Services Market is anticipated to grow at a CAGR of 6.6 % in the forecast period (2024-2034), with the market size valued at USD 2.3 billion in 2023 and projected to reach USD 4.6 billion by 2034.

Geotechnical Services refers to the application of various engineering principles to study and evaluate the properties of the soil and rocks that are present on the earth's surface, before the developments of any infrastructure or exploration projects. These services commonly include collecting soil samples, along with their laboratory testing and providing consultancy, to assist in the development of structures such as roads, dams, buildings, bridges and others. Additionally, geotechnical services can be used in both onshore and offshore operations, due to which it has become an

integral part of industries including oil and gas, marine, municipal, mining and others. Furthermore, geotechnical services can include environmental evaluations, mitigation of natural disaster, and construction activity monitoring to guarantee compliance with safety standards. Therefore, geotechnical services play an important role in reducing risks and guaranteeing the successful completion of infrastructure projects while protecting the environment and public welfare.

MARKET HIGHLIGHTS

Geotechnical Services Market is anticipated to reach USD 4.6 billion, growing at a CAGR of 6.6% during the forecast period, owing to global push for infrastructure development. The combination of advanced facilities such as underground city space engineering, ground & foundation engineering, and slope & excavation engineering, along with technologies such as AI, 3D models, and real-time models, has a major impact on the geotechnical market and its growth. Furthermore, government limitations on environmental protection and safety standards are further pushing the demand for geotechnical services across industries. However, the market faces major challenges, such as fluctuating raw material prices and a skilled labour scarcity in some regions. Despite these limitations, the geotechnical services market is expected to grow due to infrastructure development projects and growing awareness of the requirement of geotechnical considerations in building and engineering initiatives.

Geotechnical Services Market Segments:

By Type

Underground City Space Engineering

Ground and Foundation Engineering

Slope and Excavation Engineering

By Application

Building Construction

Oil and Gas

Municipal

Marine

Mining

Others

MARKET DYNAMICS

Growth Drivers

Increasing Infrastructure Projects Contributes to Market Growth and Expansion

Growing Awareness of Geotechnical Services to Ensure Safety Will Drive Market Growth

Restraint

Environmental Concerns About Construction Activity Could Impede Market Expansion

Key Players

Fugro

AECOM

Kiewit Corporation

Tetra Tech, Inc.

Geosyntec Consultants

Intertek Group plc

AMEC Foster Wheeler

ERM Group

GEO-Instruments

Stantec

Keller Group plc

Geotec Spa

SoilVision Systems Ltd.

BGC Engineering Inc.

Ramboll Group

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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