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'THE ART OF SOLVING'





Flexibility, tenacity, an irreverent and innovative spirit, and meeting quality standards, are essential to overcome the challenges of today's world, which require solid bases as the know-how and expertise of NSE.

Daniel Sousa

General Manager

NSE - Consultores de Engenharia, Lda, is a Civil Engineering firm specialized in Structural Engineering and provides services mainly directed to Contractors, Concessionaires and Governmental Agencies in Bridge Design, Special Structures and Underground Structures, producing high quality, innovative and cost-effective solutions. NSE is strongly motivated to work in multidisciplinary and large-scale projects, engaging from an early stage in the architectural and design processes, and providing additional specialized studies, supported by a team of specialist consultants in geology, geotechnical and all other areas of engineering and architecture, particularly in design-build environments, aiming for precise, technically integrated solutions with focus on simplicity and reducing time and cost of construction.

Operating from our headquarters in Lisbon, the company develop its activity in projects worldwide, as evidenced by recent participations in projects in Latina America: Mexico, Brazil, Panama, Paraguay, Peru, Dominican Republic and in Africa: Angola, Senegal, Mauritania, Equatorial Guinea. For guaranteed delivery of high standards and provide a differentiated high quality engineering services the company is divided into operational areas: Executive (General and Commercial), Operational and Technical (Project and Production), and Financial.

Our team is formed by highly qualified professionals with several years of experience, with 57% of technical graduates and 20% of its technical staff with postgraduate and master's degrees and an average age of 35, with capacity for adaptation and good communication skills in different languages, and using specialized modelling software, adapted to different regulation requirements. NSE is able to develop or coordinate multidisciplinary projects, developing specialized studies and optimizing solutions, in the scope of Value Engineering services.



METRÔ SÃO PAULO
Track-switches Pátio Oratório

BRIDGES AND VIADUCTS

Bridge Design is one of the main fields of expertise of our company, following 30 years' experience of its key personnel. Our projects include state-of-the-art solutions, including dynamic studies, soil-structure and soil-structure-vehicle interaction studies and designing temporary works, construction phasing definition and on-site technical assistance.



RIO DE JANEIRO
Jardim Oceânico Station

GEOTECHNICAL WORKS AND UNDERGROUND STRUCTURES

All the projects are evaluated through different perspectives, incorporating the geotechnical component seamlessly, always looking for solutions that harmonize with the terrain, with gains in safety, reliability, economy and durability.



PANAMA - COLÓN HIGHWAY
Corredor Colón Geotechnical Engineering

INTERMODAL, RAIL AND METRO STATIONS

Our aim is to provide full scope projects for Intermodal Stations where NSE develops the Structural Design and Geotechnical Investigation, and also promotes and coordinates the integration of other specialties, teaming with proficient and qualified consultants from complementary areas of expertise.



ÓBIDOS
Plaza Oeste Shopping

BUILDINGS

Our company's participation has been developed according to a concept of integrated project. Some reference projects developed include residential, commercial (shopping centres) and business developments, hotels, industrial, logistics, educational and hospitals.



SEVER DO VOUGA
Ribeirão / Ermida Hydroelectric Development

HYDRAULICS

In partnership with hydraulics specialists, NSE works in the design of hydraulic tunnels, Underground Works and other Concrete Structures - Reservoirs, Dams ranging from small, hydroelectric production facilities to large scale developments, pumping and treatment facilities, spillways and water intake towers.



SINES
Seawater Rejection Tunnel

URBAN PLANNING AND LANDSCAPE

In the development of projects whose volume and urban insertion demands the development of environmental mitigation projects and landscape design, our company coordinates the development of these complementary studies involving experts in architecture and urban planning, landscape architecture, environmental engineering.



SÃO PAULO
Pátio Oratório / Rail Maintenance Yard - Track - Switches

OTHER STRUCTURES

Complex Structural Design - Large Industrial and Logistics Buildings, Maritime Structures, Rail Maintenance Yards, Stadiums and other Large Structures, teaming and integrating with other specialties.





NSE · Consultores de Engenharia, Lda

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