

<p>GRID International Consulting Engineers</p> <p>Av. João Crisóstomo, 25 - 4º 1050-125 LISBOA Tel.: (351) 21 319 12 20 E-mail: grid@grid.pt Web site: www.grid.pt</p>	<p>Corporation Form Joint-Stock Company</p> <p>Registered Capital 100.000 Euros</p> <p>Board of Directors <i>Executive Board:</i> Luis Melo, Civil Eng. Nuno Lopes, Civil Eng. Rui Reis, Civil Eng.</p> <p>Permanent Personnel Total: 37 Graduates: 17 Other Technicians: 17 Administrative Staff: 3</p> <p>Turnover (2015) 2.926.000 Euros</p> <p>Delegations / Associated companies <i>In Portugal</i> • Funchal, Madeira</p> <p>Abroad • Cannes, France • GRID Macau • GRID Mozambique</p> <p>Certifications • SGQ ISO 9001 (in course)</p>	
<p>Main Associations</p> <ul style="list-style-type: none"> • Portuguese Association of Engineering and Management Consultants (APPC) • Instituto Superior Técnico (Technical university of Lisbon) • Laboratório Nacional de Engenharia Civil (LNEC) (Civil Engineering National Laboratory) • Ordem dos Engenheiros(OE) Engineers Organisation) • Centro de Mecânica e Engenharias Estruturais da Universidade Técnica de Lisboa (Mechanical and Structural Engineering Central of the Technical University of Lisbon) • Concrete Society • European Convention for Constructional Steelwork (ECC) • Fédération Internationale de la Précontrainte (FIP) • American Concrete Institute (ACI) • International Association for Bridges and Structural Engineering (IABSE) • European Mechanics Committee (EUROMECH)  <p>PORTUGUESE ASSOCIATION OF ENGINEERING AND MANAGEMENT CONSULTANTS</p> <p>Last update: 13-12-2016</p>	<p>General Description</p> <p>GRID International - Consulting Engineers is a civil engineering company, covering a broad range of Construction Projects and Technical Assistance Contracts. Founded in Portugal in 1980, GRID has consistently led with a strategy focused on technical rigor and innovation throughout its projects. GRID International ensures continuous guidance to customers and clients and thus guarantees their satisfaction, as well as integrated, innovative, sustainable solutions, which are always in strict compliance with environmental requirements. In the 90s, the company grew at a sustainable pace and can now state that it has contributed decisively to the growth of Portugal, in the area of public works and the private construction sector. GRID International is predominantly active in the field of Structural Engineering, both in concrete, pre-stressed concrete, structural steel and composite projects, with services rendered in the field of Structural Engineering and a particular focus on Special Structures. Interventions therefore cover a wide range of technical solutions, including viaducts, highway and railway bridges, tunnels, special structures, such as covers for large spans, particularly stadiums, buildings and other related structures. Simultaneously GRID International is highly active within the area of Consulting and Technical Assistance and has thus developed extensive professional experience in the rehabilitation of conventional and metal structures and in the preparation / organization of competition processes. It became active in mainland Portugal and the autonomous regions, Madeira, Azores, Regions and later in Angola, Saudi Arabia, Algeria, Bahrain, Belgium, Brazil, Cape Verde, Cameroon, Colombia, Côte d'Ivoire, Egypt, Equator, Equatorial Guinea, France, Ghana, Jamaica, Yugoslavia, Luxembourg, Macau, Morocco, Mauritania, Mozambique, Senegal, Turkey, Uruguay and Venezuela.</p> <p>Services</p> <p>GRID International is predominantly active in the field of Structural Engineering, which includes the following specialties:</p> <ul style="list-style-type: none"> • Highway, railway and airport infrastructures, namely, viaducts, bridges, tunnels and underground structures; • Special structures, such as large span roofs, particularly stadiums, buildings and other structures; • Buildings, hotels, hospitals and industrial units; • Technical consultancy, particularly in special structures and rehabilitation of conventional and metal structures; • Technical Assistance Contracts, including the preparation / organization and process management contests. <p>At GRID International a specialized group of consultants allow for cutting edge performance in other specialties, such as geological / geotechnical studies, highway engineering, hydraulics, electrical engineering / architectural and electromechanical.</p> <p>Significant Last Works</p> <p>Bridges</p> <ul style="list-style-type: none"> • Third Tagus River Bridge (Reference Design) • New crossing over Sado River: Lisbon-Algarve railway lane – sector Pinheiro-Grândola • Cacém Polis Viaduct, Cacém • Quintanilha Bridge, Quintanilha • Rehabilitation of D. Luiz Bridge, Oporto • Rainha Santa Isabel Bridge, Coimbra • Viaducts for the Metro, OPorto • Bridge over Sorraia River, Benavente • Road Interchange A10/A1, Carragado • Six Railway Bridges, Linha do sul • Bridge over Guadiana River, Mourão • Installation of the railway line on the northern access viaduct to the Bridge over Tagus River, Lisbon • João Gomes Bridge, Madeira • Freixo Bridge, Oporto • Bridge over Socorridos Creek, Madeira • Bridge over Sado River, Alcácer do Sal <p>Tunnels and Underground Structures</p> <ul style="list-style-type: none"> • Roma Metro Station, Lisbon • Rossio Tunnel, Lisbon <p>Buildings</p> <ul style="list-style-type: none"> • Olaias Metro Station, Lisbon • Rotunda Metro Station, Lisbon • Rato Metro Station, Lisbon • V.R.C.L. RB Tunnels, Madeira • Tunnel 4, OPorto • Nova School of Business and Economics, Carcavelos • Ilha Terceira Hospital, Azores • Expo Aparthotel and Towers, Lisbon • Parque Expo - Hotel and Office Building, Lisbon • Multipurpose Pavilion, Funchal • Multipurpose Pavilion, Viseu • Ponta Delgada Hospital, Azores <p>Stadia</p> <ul style="list-style-type: none"> • C.S. Marítimo Stadium, Madeira • Alvalade XXI Stadium, Lisbon • Dragão Stadium, Oporto • Leiria Stadium (Roof), Leiria <p>International Experience</p> <p>Bridges</p> <ul style="list-style-type: none"> • Third Bósforo Bridge Istanbul, Turkey • Sebou Viaduct, TGV Line, Tanger/Kenitra, Maroc • Bridges OA18 and 19, at Bioko, Equatorial Guinea • Samora Machel Bridge, Tete, Mozambique • Lanaye 4 Bridge, Lanaye, Belgium • Bridges OA498 Insensborn and OA499, Lultzhausen bridges, Luxemburg • Save and Xai-xai Bridge(Reference Design for Rehabilitation Tender), Mozambique • Wouri Bridge, Cameroon • Armando Guebuza Bridge, Caia, Mozambique • Bridge over River Lugela, Mozambique • Governador Nobre de Carvalho Bridge (Adaptation Design), Macao • Bridges OA20,21 and 22 at Bioko, Equatorial Guinea • Bridge over River Cavaco, Angola <p>Buildings</p> <ul style="list-style-type: none"> • P.I.A. – Commercial building, France • DCNS – Offices Building, Oliulles, France • Crystal Bay Hotel, Venezuela • Clinker Silo (Rehabilitation), Egypt • Main Building at Cidade da Praia airport(Rehabilitation), Green Cape <p>Stadia</p> <ul style="list-style-type: none"> • Allianz Riviera, Nice, France 	