FERCONSULT
- Consultoria, Estudos e Projectos de Engenharia de Transportes, S.A.

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Corporation Form
Joint-Stock Company

Registered Capital
1.000.000 Euros

Board of Directors
Vitor dos Santos, Eng.
Mª Helena Campos, Eng.
Pedro Costa, Dr.

Permanent Personnel
Total: 71 (21 ceded)
Licenciados: 43 (12 ceded)
Outros Técnicos: 20 (7 ceded)
Administrativos: 8 (2 ceded)

Turnover (2018)
3.357.102 Euros

Main Associations
- APPC - Associação Portuguesa de Projectistas e Consultores
- União Internacional de Transportes Públicos - UITP
- Asociación Latino-Americana de Metros y Subterráneos - ALAMYS

Certifications
- LNEC Quality Mark – Certificate which qualifies the general quality manager for construction activities
- Quality Management System - Certificate of Registration NP EN ISO 9001:2008 – SGS
- Environmental Management System - Certificate of Registration NP EN ISO 14001:2004 - SGS

General Description

FERCONSULT - Consultoria, Estudos e Projectos de Engenharia de Transportes, SA, is a public limited company whose sole shareholder is Metropolitano de Lisboa, E.P.
Founded in 1991, it began life as Lisbon Metro's Projects and Works Division, and it has inherited a vast experience in the field of Transport Engineering.
It is a multidisciplinary company specializing in Transport Engineering Consultancy, Studies and Projects, and it operates both nationally and internationally.
It is part of Ensitrans, Engenharia e Sistemas de Transporte, A.E.I.E, (E.E.I.G.), along with Metropolitano de Lisboa, E.P.E., Transports Metropolitans de Barcelona and Sener, Ingenieria Y Sistemas, and it holds 45%.
Ferconsult is able to supply a wide range of services in the transport field, from Feasibility Studies to Staff Training and Transport Systems Operating Consultancy.

Main Expertise

The experience built up over many years plus a team of experienced and highly qualified staff from a number of fields means Ferconsult is able to take on a range of work and always provide an overall service that matches the different stages of a full project cycle, from the design stage up to the running of the transport system. Its participation in a large number of studies and projects allows Ferconsult to work in many fields, in particular civil engineering, transport, environmental engineering, special facilities, planning, architecture, town planning, project management, coordination, supervision, instrumentation, topography and geology, safety and environment.

Services

a) Technical consultancy and support;
b) Route and Network Studies and Projects, Structures, Geotechnics, Architecture, Landscaping, Special Facilities;
c) Planning, management and budgetary control;
d) Preparation of calls for tenders;
e) Analysis and assessment of tenders;
f) Project supervision, coord. and management, Integrated Management Services, Const. Management and Coord., Programming and Plan. Management, Supervision;
g) Project Coord. and Safety, On-site Safety Plans, Rail Operations Safety, Personal and Material Safety, Implementation of Safety Management System (SHST) and Integrated Management Systems (QAS);
h) Environmental Monitoring of Works, Management Consultancy, Energy Management Strategic Plans, Environmental Impact Assessments;
i) Geotechnical and hydrological assessments;
j) Topographical surveys;
k) Instrumentation, Monitoring, Topography, Geology, Technical Inspections (of a structural nature)

Significant Last Works

- Lisbon Metro
  - Green Line – Telheiras/Cais do Sodré: 9 km of track and 13 stations;
  - Blue Line – Amadora Este/Santa Apolónia: 13 km of track and 16 stations;
  - Yellow Line – Odivelas/Rato: 11 km of track and 14 stations;
  - Red Line – Campolide/Airport: 10,6 km of track and 13 stations.
- Metro do Porto
  Technical consultancy services relating to management, planning, budgetary control and construction supervision of: 5 lines, 71 km of track, 78 stations and 4 tunnels (6,3 km);
- Metro Sul do Tejo
  Detailed design and construction supervision; technical support: 4 lines, 27,6 km of track and 37 stops;
- Metro do Mondego
  Preliminary Route Study for Coimbra Urban Area – 1st Phase.

International Experience

- Algiers Metro (Algeria)
  - "Design and Engineering Studies for Line 1 Extensions – Phase 1 of Algiers Metro": 12,5 km of track; 6 stations; 3 km of tunnels 870 m of viaducts;
  - Supervision of Line 1 B with 4 km , 4 stations and 1 viaduct with about 200 m:
  - Design and Engineering Studies for Place des Martyrs - Bab el Oued - Chevalley extension, with 8 km and 8 underground stations:
  - Design and Engineering Studies for Chevalley – Delly Brahim – Chéraga – Ouled Fayet – El Achour – Draria extension, with 16 Km and 16 Stations;
  - Feasibility Study for a Tramway line in Sidi Bel Abbes.
  - Feasibility Study for a Tramway line in Tlemcen.
  - Oran Light Metro (Algeria) – Detailed Design, tender documents and construction supervision: 17,7 km of track; 31 stations; 230 m of viaduct;
- Dublin Metro (Ireland) – Detailed Track Design and speed profile graphics for the "Design and Construction of Green Line B1 - Sandyford/Cherrywood – LUAS Project": 7,5 km of track; 12 stops; 4 viaducts (1,3 km).
- São Paulo Monorail Metro System, with 24,5 km of track, 15 stations and one Depot and Workshop.
- São Paulo Line 5 Detail Design Management, Line 5 and 4 – Phase 3 Track and Detail Design and Commissioning
- Fortaleza Metro (Brazil) – "Urban Impact Study – Metrofor Project". Preliminary Design Analysis and recommendations as to: station architecture, route and track work, structures and special facilities.
- High Speed Train Network Portugal/Spain (high speed link between Oporto and Vigo) – Technical Advice and Environmental Study.
- Macao Metro (China) – "Macao Transport Systems and Public Transport Systems Study (Feasibility Study)" – Town planning studies for the islands of Taipa and Coloane; Study to determine the basis of the future transport network.

PORTUGUESE ASSOCIATION OF ENGINEERING AND MANAGEMENT CONSULTANTS
APPC

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