PCG
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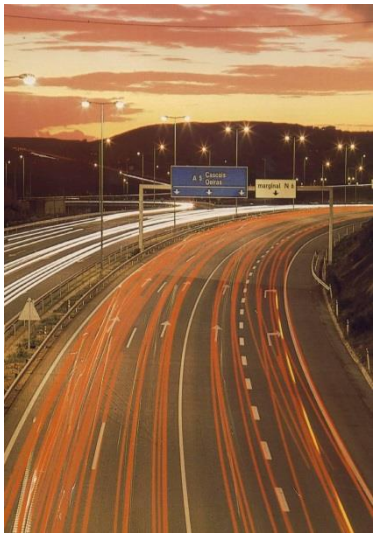
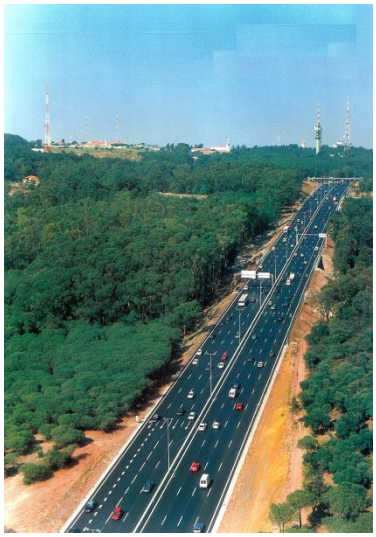
REFERENCES

ROAD TRANSPORT





INNOVATION AND TRADITION

IP6 - Stretch Mouriscas/Gardete

PORTUGAL Mouriscas / Gardete

EP (Roads of Portugal)

Designation

IP6 - Stretch Mouriscas/Gardete (28,5 km) including 4 interchanges, 31 road-bridges, 18 overbridges, 14 underbridges,4 viaducts and 1 bridge

Services Provided

Detail design; elaboration of the ge-ometry layout; geologic/geotechnic study; complement design

3146

IC28 - segment between Estorãos and Viana do Castelo

PORTUGAL Viana do Castelo / Estorãos

EP (Roads of Portugal)

Designation

IC28 - segment between Estorãos and Viana do Castelo (16 km) including 3 we carrel, PS 11's, 7 IP's, 5 viaducts and 1 bridge

Services Provided

Project implementation, preparation of the geometry of the outline; Geological / geotechnical projects and other accessories

3144

IC28 - segment between Ponte de Lima and Ponte da Barca

PORTUGAL Ponte de Lima / Ponte da Barca

EP (Roads of Portugal)

Designation

IC28 - Stretch between Ponte de Lima and Ponte da Barca (14 km) including 2 interchanges, 1 crossing, 7 viaducts, 2 bridges, 5 over-bridges and 6 underbridges

Services Provided

Project implementation, preparation of the geometry of the outline; Geological / geotechnical projects and other accessories

3135

Transport (Land - Road - Motorways and Expressways)

IP1 Via Infante, Lagos/Guia Stretch

PORTUGAL Lagos / Guia

EP (Roads of Portugal)

Designation

IP1: "Via do Infante" - Stretch Lagos/Guia

Services Provided

Preliminary study; elaboration of the traffic, profitably, landscape, environmental impact, geologic/geotechnic and layout studies (in association)

3002

Via Infante (120 km)

PORTUGAL Algarve

EP (Roads of Portugal)

Designation

IP1- 1st and 2nd Phases:120 km, 12 bridges (902 m), 91 viaducts (3632.2 m); Stretches alternative. 2 bridges (240m) 14 bridges (418.8m); 3nd Phase: 76 km, 7 knots uneven, 34 PS (16 407sq.m), 28 PI (20,250sq.m), 1 viaduct (2,900sq.m), 1 bridge (5420sq.m).

Services Provided

Phase3: studies envir. impact and geol./geot., engi. design road and works of art; Phase1: feasibility studies, traffic, geol./geot., landscape, econ./fina. and tracing; Phase2: traffic studies, geol./geot. landscape; previous study, analysis traffic.

3292

IP1 Via Infante (Interchanges and Bridges and Viaducts)

PORTUGAL Algarve

EP (Roads of Portugal)

Designation

IP1 - "Via do Infante": 120 km long expressway including 6 interchanges and 103 bridges and viaducts

Services Provided

Traffic, geologic/geophysical and landscaping studies; preliminary study; traffic analysis

2980

Transport (Land - Road - Motorways and Expressways)

A4 - Porto/Amarante Motorway, Águas Santas/Campo Stretch

PORTUGAL Porto / Amarante

BRISA (Highways of Portugal)

Designation

A4 - Porto/Amarante Motorway - stretch Águas Santas/Campo (12 km) with 3 interchanges and a 340 m long tunnel

Services Provided

Detail design; geologic/geophysical and landscaping studies; signalling, supervision and inspection of work.

2981

A5 - Estoril Coast Highway, National Stadium and Cascais Stretch

PORTUGAL Oeiras / Cascais

BRISA (Highways of Portugal)

Designation

A5 - Estoril Coast Motorway, stretch between the National Stadium and Cascais (17km) including 7 interchanges, 3 viaducts, 37 viaducts, and 3 toll areas

Services Provided

Preliminary studies; detail design; geologic/geophysical, landscaping studies, supervision and inspection of work.

2987

Diversion to the N125 in Portimão

PORTUGAL Portimão

EP (Roads of Portugal)

Designation

Diversion to the N125 in Portimão

Services Provided

Technical assistance for specific projects

2991

A4 - Motorway Porto/Amarante, Valongo Interchange

PORTUGAL Valongo

Brisa

BRISA (Highways of Portugal)

Designation

A4 - Motorway between Porto and Amarante: road network in the Valongo interchange area

Services Provided

Detail design; vegetal covering study

2977

Kiev Highway

UKRAINE Kiev

European Union/TACIS Prog./Ukraine Government

Designation

Kiev to Western Border Highway Institutional Study to assess institutional capability of implementing this road project.

Services Provided

Identification and investigation of feasible institutional options and recommendations of arrangements for the road project implementation, namely regarding financing of the project (including tolling).

3000

IP5 - Stretch of dual carriageway road between Albergaria and Viseu

PORTUGAL Albergaria / Viseu

EP Estradas de Portugal, S.A.

EP (Roads of Portugal)

Designation

IP5 - Stretch of dual carriageway road between Albergaria and Viseu, (57 Km) including 6 interchanges and 48 viaducts

Services Provided

Traffic, geologic/geophysical and landscaping studies; detail design; signalling

2974

A3 - Porto/Valença, Braga Highway, Braga/EN 201 Stretch

PORTUGAL Braga

BRISA (Highways of Portugal)

Designation

A3 - Motorway Porto/Valença. Braga/EN201 (17 km) stretch including 22 road-bridges, 11 overbridges, 11 underbridges, 2 viaducts and 2 bridges

Services Provided

Detail design; elaboration of the geometry layout; geologic/geotechnic study; complement design, supervision and inspection of work.

3003

Brest/Minsk/Russian Border Highway

BELARUS Brest-Minsk

EBRD - European Bank / Belavtostrada

Designation

Brest/Minsk/Russian Border Highway improvement project.

Services Provided

Technical assistance and supporting to the development of a newly created agency, which will charge highway user tolls; advisory services for toll design and operations management, including recommendations on system specifications.

3004

IP6 - Mouriscas/Gardete Stretch (28,5 km)

PORTUGAL Mouriscas / Gardete

EP (Roads of Portugal)

Designation

IP6 - Mouriscas/Gardete (28,5 km) stretch including 4 interchanges, 31 road-bridges, 18 overbridges, 14 underbridges,4 viaducts and 1 bridge

Services Provided

Detail design; elaboration of the geometry layout; geologic/geotechnic study; complement design, supervision and inspection of work.

3006

Transport (Land - Road - Motorways and Expressways)

A5 - Widening of the Stretch between Lisbon and the National Stadium

PORTUGAL Lisboa

BRISA (Highways of Portugal)

Designation

A5 - Costa do Estoril Motorway: widening of the 7 km long stretch between Lisbon and the National Stadium, from 4 to 6 lanes.

Services Provided

Geologic/geophysical study; detail design of the alignment, pavement, signalling; revision of the interchanges, supervision and inspection of work.

2993

A3 - Porto/Braga Highway, Cruz/Celeiróz Stretch

PORTUGAL Cruz / Celeirós

BRISA (Highways of Portugal)

Designation

A3 - Porto/Braga Highway, Cruz-Celeiróz stretch.

Services Provided

Project Base and Detail design.

698

IC17 - CRIL Section Olival Basto/Sacavém and Connection Frielas/Grilo

PORTUGAL Lisboa

EP (Roads of Portugal)

Designation

IC17 - CRIL - section Olival Basto/Sacavém and connection Frielas/Grilo

Services Provided

Project implementation, project update and technical assistance special construction, supervision and inspection of work.

659

CRIL - Prior Velho Connection

PORTUGAL Lisboa

EP (Roads of Portugal)

Designation

CRIL - Prior Velho connection

Services Provided

Detail design

662

Norte/Sul Axis - Av.Padre Cruz/CRIL Stretch

PORTUGAL Lisboa

EP (Roads of Portugal)

Designation

North/South Axis - Av. Padre Cruz/CRIL stretch.

Services Provided

Preliminary study.

666

IC 16 - Pontinha Radial (Changes to Detail Design)

PORTUGAL Pontinha - Lisboa

EP (Roads of Portugal)

Designation

IC 16 - Pontinha radial.

Services Provided

Changes to detail design.

672

Transport (Land - Road - Motorways and Expressways)

IC l6 - Pontinha Radial (Preliminary Study and Detail Design)

PORTUGAL Pontinha - Lisboa

EP (Roads of Portugal)

Designation

IC l6 - Pontinha radial.

Services Provided

Preliminary study and detail design.

680

Motorway between Shenyang/Dalian

CHINA Shenyang - Dalian

CEC Commission of the European Communities

Designation

Motorway between Shenyang and Dalian (375 km) including 25 interchanges and 24 tollgates

Services Provided

Consultancy on project identification for financing, technical standards, legislation, safety, geophysical and exploitation

2978

A9 CREL - Queluz/Belas, Belas/Caneças and Caneças/Loures Stretchs

PORTUGAL Belas / Caneças / Loures

BRISA (Highways of Portugal)

Designation

A9 CREL - Queluz-Belas, Belas-Caneças and Caneças-Loures stretchs.

Services Provided

Detail design.

697

Transport (Land - Road - Motorways and Expressways)

IC28 - Stretch between Viana do Castelo and Felgueiras

PORTUGAL Viana do Castelo / Felgueiras

EP (Roads of Portugal)

Designation

IC28 - 46 km long road connecting the cities of Viana do Castelo, Estorãos, Ponte de Lima, Ponte da Barca, Lousada and Felgueiras, and including 3 bridges, 16 road overbridges, 13 road underbridges, 12 road viaducts, 8 interchanges and 1 cross.

Services Provided

Preliminary design (traffic and economic study, regional and environmental impact assessment, survey and alignment studies). Geologic-geotechnical study. Detail design of roads, bridges and viaducts.

3008

A3 - Porto/Braga Highway, Famalicão/Cruz Stretch

PORTUGAL Famalicão / Cruz

BRISA (Highways of Portugal)

Designation

A3 - Porto/Braga Highway - Famalicão-Cruz stretch.

Services Provided

Project Base and Detail design

699

A3 - Porto/Braga Highway, Maia-Famalicão Stretch

PORTUGAL Maia / Famalicão

BRISA (Highways of Portugal)

Designation

A3 - Porto/Braga Highway - Maia-Famalicão stretch.

Services Provided

Project Base and Detail design

700

A3 - Porto/Braga Highway, Porto/Maia Stretch

PORTUGAL Porto / Maia

Brisa

BRISA (Highways of Portugal)

Designation

A3 - Porto/Braga Highway Porto/Maia stretch.

Services Provided

Project base, detail design, supervision and inspection of work.

701

A1 - Lisboa-Porto Highway, Coimbra/Mealhada Stretch

PORTUGAL Coimbra / Mealhada

Brisa

BRISA (Highways of Portugal)

Designation

A1 - Lisbon-Porto Highway - Coimbra-Mealhada stretch.

Services Provided

Project base and detail design.

702

A1 - Lisboa-Porto Highway, Vila da Feira-Carvalhos Stretch

PORTUGAL Vila da Feira / Carvalhos

Brisa

BRISA (Highways of Portugal)

Designation

A1 - Lisbon-Porto Highway - Vila da Feira-Carvalhos stretch.

Services Provided

Project base and detail design.

703

A5 - Estoril Coast Highway

PORTUGAL Estoril

Brisa

BRISA (Highways of Portugal)

Designation

A5 - Estoril Coast Highway.

Services Provided

Review of project execution.

705

A2 - South Highway Grândola/Aljustrel

PORTUGAL Grândola / Aljustrel

Brisa

BRISA (Highways of Portugal)

Designation

A2 - South Highway - Grândola(South)-Aljustrel stretch

Services Provided

Detail design.

694

Circulation of Urban Planning in Viana do Castelo **PORTUGAL** Viana do Castelo

City Hall of Viana do Castelo

Designation

Circulation of Urban Planning in Viana do Castelo

Services Provided

Studies circulation of urban planning

734

Urban Way "Caminho da Achada"

PORTUGAL Funchal

Regional Government of Madeira

Designation

Funchal ring road at level 40 - Caminho da Achada road (urban road with about 1.5 km).

Services Provided

Alignment study; design of two 15 m long pontoons.

3039

Funchal Ring Road at Level 40

PORTUGAL Funchal

FUNCHAL
CÂMARA MUNICIPAL

City Hall of Funchal

Designation

Funchal ring road at Level 40: stretch between the Largos do Campo da Barca and Cruz do Carvalho.

Services Provided

Previous study; traffic studies, geological/geotechnical, topographic, layout and nodes; recasting of the study.

3027

Road Access to the Facilities of Porto Amboim

ANGOLA Porto Amboim

Sonangol

SONANGOL

Designation

Road access to the facilities of porto Amboim (7 km).

Services Provided

Construction supervision.

3028

Transport (Land - Road - Urban, Rural)

Reconstruction of a Road in Lisbon

PORTUGAL Lisboa

City Hall of Lisbon

Designation

Reconstruction of the axis Praça da Armada - Rua das Janelas Verdes - Calçada de Santos.

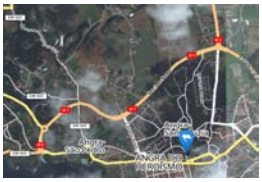
Services Provided

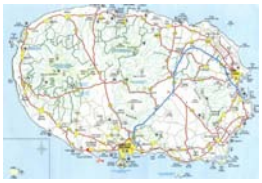
Draft implementation of the roads, pavements and sewer systems.

3030

Municipal Road Adjacent to the Outer Ring Road

PORTUGAL Terceira - Açores





Regional Government of Azores

Designation

Municipal road (2.1 km) adjacent to the outer ring road of Angra Heroismo.

Services Provided

Geological / geotechnical study, preliminary, design.

3031

Municipal and Rural Roads Adjacent to the Stretch of EN107

PORTUGAL

EP (Roads of Portugal)

Designation

Municipal and rural roads (2.4 + 0.4 km), adjacent to the stretch of EN107, between EN13 and EN105.

Services Provided

Geological/geotechnical study, design.

3032

Transport (Land - Road - Urban, Rural)

External Circular Road to Angra do Heroismo

PORTUGAL Terceira - Açores

Regional Government of Azores

Designation

External circular road to Angra do Heroismo (5 km) with 6 crossings and 6 viaducts.

Services Provided

Geological/geotechnical study; draft; project implementation.

3034

Access Road to the Mine

PORTUGAL

SOMINCOR

Designation

Access road to the mine: rehabilitation of the county road EM1167 (9.7km).

Services Provided

Preliminary study; detail design; survey of damages; detail design for new heavy traffic purposes.

3035

Rural and Municipal Roads Adjacent to A4

PORTUGAL

BRISA (Highways of Portugal)

Designation

Rural, county and service roads (2.6 + 1.4 + 6.6 km) adjoining the stretch Águas Santas/Campo of A4 Motorway.

Services Provided

Geological/geophysical studies; detail design.

3036

Rehabilitation of N260 between Serpa and Vila Verde de Ficalho

PORTUGAL Serpa / Vila Verde de Ficalho

EP (Roads of Portugal)

Designation

IP8: rehabilitation of N260 between Serpa and Vila Verde de Ficalho (27 km).

Services Provided

Feasibility study of by-passes at A. do Pinto and V. V. Ficalho; traffic, geologic/geophysical, topographic and landscaping studies; detail design.

3055

Diversion to the N235 Trunk Road between Oliveira do Bairro and Sangal

PORTUGAL Oliveira do Bairro / Sangalhos

EP (Roads of Portugal)

Designation

Diversion to the N235 trunk road between Oliveira do Bairro and Sangalhos (9 Km), with 3 intersections and 10 viaducts.

Services Provided

Geological/geophysical and landscaping studies; detail design; signalling.

3038

Municipal and Rural Roads Adjacent to the EN125 in Portimão

PORTUGAL Portimão

EP (Roads of Portugal)

Designation

Municipal and rural roads (2.8 + 2.8 km) adjacent to the N125 variant in Portimão.

Services Provided

Geological/geotechnical study, previous study, design.

3024

Transport (Land - Road - Urban, Rural)

Road Connection between the Cabouqueiro Interchange and Caminho da A

PORTUGAL Funchal

Regional Government of Madeira

Designation

Funchal ring road at level 40 - road connection between the Cabouqueiro interchange and Caminho da Achada.

Services Provided

Preliminary design; topographic survey; detail design.

3041

Rural, County and Service Roads Adjoining IP2

PORTUGAL Albernoa / Castro Verde

EP (Roads of Portugal)

Designation

Rural, county and service roads (0.4 + 1.1 + 0.9 km) adjoining IP2 between Albernoa and Castro Verde.

Services Provided

Geological/geophysical study; detail design.

3046

Urban Rehabilitation of the Beira City

MOZAMBIQUE Beira

DNEP (National Direc.Roads and Bridges-Mozambique)

Designation

Consultancy and Tech. Assistance to the executive Town Council on the management and urban roads infrastructures rehabilitat. Of the Beira City, taking into consideration the important strategic situation of its Port in what concerns the Zimbabwe economy.

Services Provided

Review of design and tender documents, proposals appraisal, maintenance works, planning of works control and supervision, institutional strengthening and on the job training.

3048

Transport (Land - Road - Urban, Rural)

Urban Road Rehabilitation between City Hall sq.and the Cemetery

PORTUGAL Oeiras

City Hall of Oeiras

Designation

Rehabilitation of the urban road between the Town Hall sq. and the County cemetery (0,7 km).

Services Provided

Detail design of earthworks, paving, drainage, traffic signals, safety and lighting.

3049

Stretch between the Cruz Vermelha And Cabouqueira

PORTUGAL Funchal

City Hall of Funchal

Designation

Funchal ring road at Level 40: stretch between the Cruz Vermelha sq. and Cabouqueira, including one tunnel.

Services Provided

Topographic and geophysical surveys; detail design of track, viaducts and tunnel.

3051

Rehabilitation of N249-3

PORTUGAL Oeiras

City Hall of Oeiras

Designation

N249-3 - rehabilitation of the road nearby the Oeiras interchange of the A5 Motorway.

Services Provided

Alignment study and design of the viaduct; technical assistance.

3052

Rehabilitation of Between Ferreira do Alentejo and Beja

PORTUGAL Ferreira do Alentejo / Beja

EP (Roads of Portugal)

Designation

IP8: rehabilitation of N121/ N260 between Ferreira do Alentejo and Beja (25.7 km) including a by-pass at Beringel and the interchange IP8/. IP2.

Services Provided

Traffic, geologic/geophysical and landscaping studies; preliminary design of viaducts; detail design.

3053

Rehabilitation Beja and Serpa Stretch

PORTUGAL Beja / Serpa

EP (Roads of Portugal)

Designation

IP8: rehabilitation of N260 between Beja and Serpa (27.8 km).

Services Provided

Traffic, geologic/geophysical and landscaping studies; detail design.

3054

Connecting the Cruz do Carvalho sq. To the Port of Funchal

PORTUGAL Funchal

Regional Government of Madeira

Designation

Funchal ring road at level 40 - tunnel connecting the Cruz do Carvalho sq. to the port of Funchal.

Services Provided

Detail design.

3037

Study of the Main Road axle and Roads Network

PORTUGAL Brandoa - Falagueira

MOPTC

MOPTC (Ministry of Public Works)

Designation

Study of the main road axle and roads network of Brandoa-Falagueira urbanization.

Services Provided

Preliminary study; draft earthworks and roads of the road axis.

3015

Survey of Road Network

GUINEA-BISSAU Bissau

Government of the Republic of Guinea-Bissau

Designation

Survey of road network.

Services Provided

General guidelines for the collection of layouts and types of floors.

3009

Characterisation and Improvement Study of an Av.de Berlim

PORTUGAL Lisboa

PARQUEXPO
RE:INVENTAR O TERRITÓRIO

Parque EXPO 98, S A

Designation

Characterisation and improvement study of the Berlin Avenue within the road access networks to the Lisbon EXPO'98.

Services Provided

Analysis of current situation including traffic study; diagnosis of the existing conditions; recommendations on the improvement of crossings; study of alternatives for rapid tramway or monorail corridors.

3059

Rural and County Roads Adjacent to the N208 and N15

PORTUGAL Sendim / Campo

EP (Roads of Portugal)

Designation

Rural and county roads (5.8 + 2.3 km), adjoining the diversion to N208/N15, between Sendim and Campo.

Services Provided

Geologic/geophysical study; detail design.

3058

Rehabilitation of Road Infrastructure

GUINEA-BISSAU Countrywide

Government of the Republic of Guinea-Bissau

Designation

Technical assistance to the Transports Coordination Unit, within the Infrastructures Rehabilitation Project.

Services Provided

Consultancy and training in the areas of management, planning, finance and maintenance, to institutions and enterprises of the sector.

2999

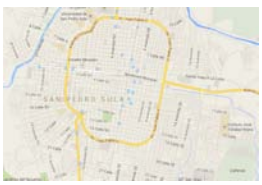
Preparation of the Plan of Circulation in the City San Pedro Sula

HONDURAS S. Pedro Sula

PAL Asiaconsult

Designation

Preparation of the plan of circulation in the city San Pedro Sula.



Services Provided

Plan of circulation.

741

Study Design and Operation of Urban Transportation City of Kinshasa

D. R. OF CONGO Kinshasa

DATANAL

Designation

Study design and operation of urban transportation city of Kinshasa.

Services Provided

Study structuring.

740

Access Road to the International Airport Terminal in Macao

MACAU - CHINA Taipa

CAM (Macau International Airport Company)

Designation

Access road to the international airport terminal in Macao.

Services Provided

Design.

718

EN10 - by-pass between Almada and Cova da Piedade.

PORTUGAL Almada

EP (Roads of Portugal)

Designation

EN10 - by-pass between Almada and Cova da Piedade.

Services Provided

Techno-economic, topographical, geological/geotechnical and hydraulic studies; project implementation.

3010

Transport (Land - Road - Urban, Rural)

By-pass to the Trunk Roads EN391/123/2 at Castro Verde

PORTUGAL Castro Verde

EP (Roads of Portugal)

Designation

By-pass to the trunk roads EN391/123/2 at Castro Verde (6 km) including 4 intersections and 3 viaducts.

Services Provided

Study of geological/geotechnical, engineering design, signaling.

3026

The N12 Road Junction with Via Norte.

PORTUGAL Porto

EP (Roads of Portugal)

Designation

The N12 road junction with Via Norte.

Services Provided

Traffic forecast, traffic studies and section of road.

3014

Northwest Road and Access to "Portas do Cerco"

MACAU - CHINA Macau

Macau Government

Designation

Northwest road and access to "Portas do Cerco" (main road built on mud and waste dump) and interchange to the P. R. of China border.

Services Provided

Geological/geotechnical study, project implementation, coordination and supervision of construction.

3025

Ponta Delgada/Sete Cidades Road.

PORTUGAL Ponta Delgada

Regional Government of Azores

Designation

Ponta Delgada/Sete Cidades Road.

Services Provided

Study of traffic capacity.

3016

Node 2ª Circular and Avenida Padre Cruz

PORTUGAL Lisboa

Underground Lisboa / Lisbon City Hall

Designation

Node 2 ª Circular and Avenida Padre Cruz.

Services Provided

Previous study; earthmoving project.

3018

N2 Stretch between Reconcos, Lamego and Régua

PORTUGAL Lamego / Régua

EP (Roads of Portugal)

Designation

N2 stretch between Reconcos, Lamego and Régua (20 km) through mountainous region.

Services Provided

Geological/geotechnical studies, of traffic and landscaping; previous study.

3019

N2, Variant Castro Verde

PORTUGAL Castro Verde

SOMINCOR

Designation

N2, variant Castro Verde (2.5 km).

Services Provided

A previous study, cost estimate.

3020

Road Al Hula/Hail

SAUDI ARABIA Al Hula / Hail

Portuguese Credit Institution

Designation

Road Al Hula/Hail (80 km).

Services Provided

Technical and administrative department for construction, monitoring of progress, inspection equipment and work site, the administrative status of the contract; report on equipment, personnel and financial requirements.

3021

Municipal and Rural Roads Adjacent to the IP3

PORTUGAL Raiva / Trouxemil

EP (Roads of Portugal)

Designation

Municipal and rural roads (1.5 km + 6.3 km) adjacent to the haul Raiva - Trouxemil highway IP3.

Services Provided

Geological/geotechnical study, design.

3022

Municipal and Rural Roads Adjacent IP5

PORTUGAL Albergaria / Viseu

EP (Roads of Portugal)

Designation

Municipal and rural roads (11.6 + 6.4 km) adjacent to the highway haul IP5 between Albergaria e Viseu

Services Provided

Geological / geotechnical study, design

3023

N4 - Stretch between Rádio Marconi and Montemor-o-Novo

PORTUGAL Vendas Novas / Montemor-o-Novo

EP (Roads of Portugal)

Designation

N4 - Road between Vendas Novas and Montemor-o-Novo: stretch between Rádio Marconi and Montemor-o-Novo (15.3 km).

Services Provided

Detail design; traffic and feasibility studies; geophysical studies.

3047

External and Access Road Network to the Town of Oporto

PORTUGAL Porto

EP (Roads of Portugal)

Designation

External and access road network to the town of Oporto.

Services Provided

Traffic, technical, economic and planning studies.

3011

Transport (Land - Road - Urban, Rural)

"Istmo Taipa-Coloane"

MACAU - CHINA Taipa - Coloane

G.A.D.A.

Designation

"Istmo Taipa-Coloane" - Backfilling and new roads between Taipa and Coloane.

Services Provided

Supervision and construction management.

3657

Road Maintenance in Cape Verde

CAPE VERDE

Cape Verde Government

Designation

Infrastructures rehabilitation and technical assistance project — road maintenance.

Services Provided

Inventory of the road network and means for its maintenance; data analysis and preparation of a general action plan and work programmes aiming at organising the services and workshops; implementation of a planning and management computerised unit.

3090

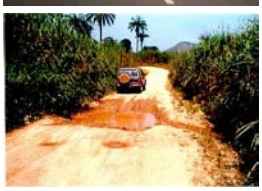
Roads at Bamenda Zone (140 km)

CAMEROON Bamenda

Cameroon Government

Designation

Overall programme of recovering and maintenance of roads in the Cameroon Republic (Zones: Bamenda, Bertoua and Yaoundé, 140 km of roads at Bamenda zone).



Services Provided

Technical assistance to monitoring and supervision of the works.

3106

Transport (Land - Road - Urban, Rural)

Road Network the Access of da Guia Tunnel.

MACAU - CHINA Macau

DSOPTC

Designation

Road network the access of da Guia tunnel.

Services Provided

Preliminary study.

716

Road Network of the Urbanization of Downtown Taipa.

MACAU - CHINA Taipa

DSOPTC

Designation

Road network of the urbanization of downtown Taipa.

Services Provided

Detail design.

714

Widening of Roads

PORTUGAL Funchal

Regional Government of Madeira

Designation

Widening of roads of the monumental road of Funchal.

Services Provided

Detail design.

713

Exit West of Funchal

PORTUGAL Funchal

Regional Government of Madeira

Designation

Exit west of Funchal.

Services Provided

Technical assistance to G. E. P. in the drafting of implementation.

712

Rehabilitation of the Namibe/Lubango and Stretch Caraculo/Serra da Le

ANGOLA

INEA (Roads Institute of Angola)

Designation

Rehabilitation works in the Namibe-Lubango road, in a total extension of 66 km and 24.6 km long stretch of road between Caraculo and Serra da Leba.

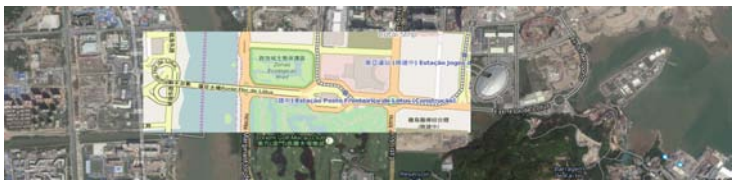
Services Provided

Namibe/Lubango: Technical assistance and construction management. Caraculo/Serra da Leba: Design and supervision of the construction works.

3075

Access Roads to New Bridge Taipa

MACAU - CHINA Taipa



Macau Government

Designation

Access roads to new bridge Taipa.

Services Provided

Design, supervision and construction management.

3656

Infrastructures at Cotai

MACAU - CHINA Cotai

Macau Government

Designation

Infrastructures at Cotai.

Services Provided

Supervision and construction management.

3659

Roads, Tunnel and Drainage System at Cotai

MACAU - CHINA Cotai

Macau Government

Designation

Roads, tunnel and drainage system at Cotai.

Services Provided

Design.

3658

Rehabilitation Stretch between Vila Verde de Ficalho and Spanish Border

PORTUGAL Vila Verde de Ficalho / Fronteira

EP (Roads of Portugal)

Designation

IP8: rehabilitation of N260 between V. V. Ficalho and the Portuguese-Spanish border (3.5 km).

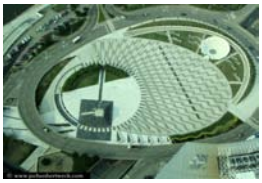
Services Provided

Detail design; marginal protection; geologic and landscaping studies.

3056

Nam Van Square

MACAU - CHINA Macau



Macau Government

Designation

Nam Van Square.

Services Provided

Design and construction Management.

3660

Trunk Road Diversion between Torres Vedras and Bombarral

PORTUGAL Torres Vedras / Bombarral

EP (Roads of Portugal)

Designation

N8 - trunk road diversion between Torres Vedras and Bombarral (20 km) with 3 interchanges and 7 viaducts.

Services Provided

Preliminary study; traffic, geological/ geophysical, landscaping and economic/financial studies.

3043

Taipa Roundabout

MACAU - CHINA Taipa

Macau Government

Designation

Taipa roundabout.

Services Provided

Civil and E&M engineering design.

3662

Road EN201, Salamanga/Ponta do Ouro Stretch

MOZAMBIQUE Salamanga - Ponta do Ouro

Mozambique Government

Designation

Conceptual and detail design of Road EN 201 stretch Salamanga – Ponta do Ouro (60 km).

Services Provided

Elaboration of preliminary and detail design, topographical and geotechnical surveys.

3295

Streets of Quinta da Penha Longa, Sintra.

PORTUGAL Sintra

AOKI Corporation

Designation

Streets of Quinta da Penha Longa, Sintra.

Services Provided

Detail design.

711

Municipal Roads at Melgaço

PORTUGAL Melgaço

City Hall of Melgaço

Designation

Municipal roads at Melgaço: study of new alignments, and rehabilitation of some access roads in a total length of 19.050 m.

Services Provided

Aero-photogrametric survey to support the studies (alignment; volume evaluation; drainage; paving and geotechnical; safety equipment. Preparation of the expropriation dossier and of the tender documents.

3062

Hotel Lisboa Roundabout

MACAU - CHINA Macau

Macau Government

Designation

Hotel Lisboa roundabout.

Services Provided

Civil and E&M engineering design.

3661

Rehabilitation of Feeder Roads in São Tomé e Príncipe

. **TOME AND PRINCIPE** S.Tomé e Príncipe

Government Sao Tome and Principe

Designation

Rehabilitation of 86 km feeder roads.

Services Provided

Supervision of the construction works.

3074

Access Road Infrastructures to the FORD/VW Plant

PORTUGAL Palmela

City Hall of Palmela

Designation

Access road infrastructures to the FORD/VW plant.

Services Provided

Geologic/geophysical and topographic studies; preliminary and detail design of track and viaducts.

3060

Road Infrastructure Projects

PORTUGAL Palmela

City Hall of Palmela

Designation

Road infrastructure projects: road connection of the "Circular Norte" to the Penalva railway interface.

Services Provided

Detail design.

3061

Zambujal/Tires Road

PORTUGAL Tires

City Hall of Cascais

Designation

Zambujal/Tires Road.

Services Provided

Supervision of construction contract.

3063

Project Rehabilitation of the Access Roads to the Port

MOZAMBIQUE Pemba

National Company for Ports, Railways of Mozambique

Designation

Project rehabilitation of the access roads to the port of Pemba.

Services Provided

Detail design; elaboration of the geometry layout; geologic/geotechnical study; complement design.

3064

Characterisation and Improvement Study of an Avenue

PORTUGAL Lisboa

City Hall of Lisbon

Designation

Characterisation and improvement study of the Marechal Gomes da Costa Avenue within the road access networks to the Lisbon EXPO'98.

Services Provided

Analysis of current situation including traffic study; diagnosis of the existing conditions; recommendations on the remodelling, with unlevelling, of the main interchanges.

3066

Rehabilitation of Road Tombouctou/Bamako and Goundam/Dire

MALI

Mali Government

Designation

Road rehabilitation between Tombouctou and Goundam (97 km), Goundam and Tonka (45 km) - belonging to the route connecting Tombouctou to Bamako by the left embankment of the river Niger - and the link between Goundam and Dire (35 km), a total of 187 km.

Services Provided

Technical studies for the detail design, economic study, preparation of the tender documents and organisation of the works control and supervision.

3071

Regional Roads Paving

PORTUGAL Santa Maria - Açores

Regional Government of Azores

Designation

Regional roads paving in the Sta. Maria Island.

Services Provided

Control and supervision of the works and technical assistance to the client.

3068

Roads at Bertoua (171,5 km)

CAMEROON Bertoua

Cameroon Government

Designation

Overall programme of recovering and maintenance of roads in the Republic of Cameroon: stretch between Bertoua and Ndokayo (171,5 km).

Services Provided

Detail design and preparation of tender documents.

3069

Intervention Zone EXPO'98

PORTUGAL Lisboa

PARQUEXPO
RE:INVENTAR O TERRITÓRIO

Parque EXPO 98, SA

Designation

Main Road Network of the EXPO'98 Intervention Zone (total area: 340 ha; enclosed space: 53,6 ha)

Services Provided

Preliminary study and detail design of: earthworks, land modelling and main road network (including the shape of the main road mesh, base of topographic location, geological-geotechnical study and main road network layout)

3070

Evaluation of the Rehabilitation of Degraded Sections of the Road

DJIBOUTI

Djibouti Government

Designation

Evaluation of the rehabilitation of the damaged road sections connecting the Port of Djibouti and the Dobi Interchange, Ethiopia (through Arta, Yoboki and frontier village of Galafi (200 Km long including 3 streets at Djibouti).

Services Provided

The activities carried out in the scope of the study during a period of 12 months include the follow-ing phases:- initial feasibility study -detail feasibility study - detail design, technical specifications and preparation of the tender documents

3073

Unlevelling Works of the João Pinto Ribeiro Avenue

PORTUGAL Lisboa

PARQUE EXPO
RE:INVENTAR O TERRITÓRIO

Parque EXPO 98, S A

Designation

Unlevelling works of the João Pinto Ribeiro Avenue in Lisbon.

Services Provided

Detail design including a viaduct.

3067

Rehabilitation of Road EN 9, between Boubou-Dioulasso and Mali Frontie

BURKINA FASO

Burkina Faso Government

Designation

Periodical maintenance works and rehabilitation of the road EN 9 between Boubou-Dioulasso, Faramana and the Malian frontier (about 117,7 km long).

Services Provided

Site supervision and geotechnical control.

3072

Interchanges and Viaducts in the Estoril Coast Motorway (A5)

PORTUGAL Oeiras / Cascais

Brisa

BRISA (Highways of Portugal)

Designation

7 interchanges and 40 bridges and viaducts in the National Stadium/Cascais stretch of the A5 (Estoril Coast Motorway)

Services Provided

Preliminary and geologic/geophysical studies; detail design

2942

Estombar Interchange

PORTUGAL Portimão

EP Estradas de Portugal, S.A.

EP (Roads of Portugal)

Designation

Estombar interchange including 1 viaduct in the by-pass to the trunk road N125 at Portimão

Services Provided

Detail design and technical assistance

2943

Viaduct of Grilo

PORTUGAL Lisboa

EP Estradas de Portugal, S.A.

EP (Roads of Portugal)

Designation

Grilo Viaduct with total length of 190 meters

Services Provided

Preliminary study, design and technical assistance

634

Transport (Roads - Bridges, Viaducts, Interchanges)

Airport and Camarate Viaducts

PORTUGAL Sacavém, Lisboa

EP (Roads of Portugal)

Designation

Airport Viaduct has a total length of 280m and the Camarate Viaduct presents an extension of 177m

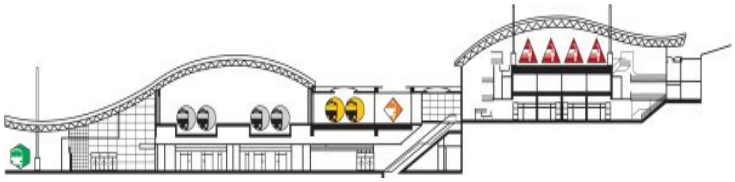
Services Provided

Preliminary study, design and technical assistance

632

Railway Connection Pragal/Pinhal Novo

PORTUGAL Pragal / Pinhal Novo



CP (Company of Portuguese Railways)

Designation

14 viaducts in the Pragal/Pinhal Novo railway line

Services Provided

Preliminary design; detail design

2945

Viaduct of Pragal

PORTUGAL Caparica

GNFL (Office of the Lisbon Railway Node)

Designation

Viaduct Pragal (development of 525 m). 4 spans continuous 30-45-45-30 m, 15 spans Isostatic of 25 m. Width of 13.2 m for twin track

Services Provided

Preliminary study; design

2951

Transport (Roads - Bridges, Viaducts, Interchanges)

Bridge and Viaducts

PORTUGAL Algarve

EP (Roads of Portugal)

Designation

7 interchanges, 1 bridge, and 63 viaducts (45,050 sq.m) in the Guia/Pinheira stretch of the "Via do Infante" expressway

Services Provided

Environmental impact study and geologic/geophysical studies; detail design (in association)

2950

Sacavém interchanges

PORTUGAL Sacavém, Lisboa

EP (Roads of Portugal)

Designation

Sacavém interchanges

Services Provided

Design

631

Flyover Pedestrian on Steel Structure

PORTUGAL Lisboa

CP (Company of Portuguese Railways)

Designation

Steel Elevated passageway for pedestrian (500 m) linking the Alcântara-Mar and Alcântara-Terra railway stations, Lisbon, by means of "travellators" and escalators

Services Provided

Preliminary study; detail design; tender documents; technical assistance

2940

Transport (Roads - Bridges, Viaducts, Interchanges)

Access to the International Bridge of the Guadiana

PORTUGAL Algarve

EP (Roads of Portugal)

Designation

Access to the International bridge of the Guadiana (IP1)

Services Provided

9 works of art (Underpasses and above)

643

Dykes Road and Deck of the Bridge

MACAU - CHINA Macau

NAM VAN - Sociedade de Empreendimentos, SARL

Designation

Dykes-road and deck of the bridge under the bridge Nobre de Carvalho

Services Provided

Detail design

2954

Viaduct of Corroios

PORTUGAL Corroios

GNFL (Office of the Lisbon Railway Node)

Designation

Viaduct Corroios (development of 1,485 m). 3 spans continuous 30-45-30 m, 51 spans Isostatic of 25 m. Width of 13.2 m for twin track

Services Provided

Preliminary study; design

2952

Transport (Roads - Bridges, Viaducts, Interchanges)

Railway Viaduct in Louriçal

PORTUGAL Figueira da Foz

CP / SOPORCEL

Designation

Viaduct over the N109 in the Louriçal railway line, F. da Foz

Services Provided

Detail design

2946

Bridge over the River Caine

BOLIVIA Orcovado

UNDP

Designation

Bridge over the river Caine in the Andes

Services Provided

Detailed Design

2935

Flyovers in the Railway Access Line to the Port of Sines

PORTUGAL Sines

CP (Company of Portuguese Railways)

Designation

Flyovers (two) in the railway access line to the port of Sines.

Services Provided

Geophysical survey; preliminary and detail design.

2933

Transport (Roads - Bridges, Viaducts, Interchanges)

Viaduct Street João Pinto Ribeiro

PORTUGAL Lisboa

PARQUE EXPO
RE:INVENTAR O TERRITÓRIO

Parque EXPO 98, S A

Designation

Viaduct Street João Pinto Ribeiro with total length of 156 m

Services Provided

Preliminary study and design

635

Underpass (Line Train In Olhão)

PORTUGAL Olhão

município de Olhão

City Hall of Olhão

Designation

South Railway Line: Underpass (12 m span closed frame structure); study of the surrounding system

Services Provided

Preliminary study; geologic, geophysical and topographic studies; detail engineering; technical assistance

2922

Bridges and Viaducts - Via Infante de Sagres (A22)

PORTUGAL Algarve

EP
Estradas de Portugal, S.A.

EP (Roads of Portugal)

Designation

12 bridges (902 m), 91 viaducts (3,633 m) - including 2 bridges (240 m) and 14 viaducts (419 m) of alternative stretches - for the A22, "Via do Infante" expressway

Services Provided

Preliminary studies

2919

Gibalta Viaduct

PORTUGAL Caxias

EP (Roads of Portugal)

Designation

Gibalta viaduct in the N6 - Lisbon/Cascais riverside highway

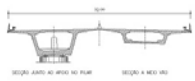
Services Provided

Detail design

2903

Viaduct of Av Padre Cruz

PORTUGAL Lisboa



EP (Roads of Portugal)

Designation

Viaduct of Av Padre Cruz with a total length of 660m

Services Provided

Preliminary study, design and technical assistance

641

Viaduct and Tunnel at Border Gate, Portas do Cerco

MACAU - CHINA Macau

Macau Government

Designation

Viaduct and tunnel at border gate, Portas do Cerco.

Services Provided

Engineering design.

3668

Transport (Roads - Bridges, Viaducts, Interchanges)

Infrastructures at Zone N.A.P.E.

MACAU - CHINA Macau

Macau Government

Designation

Infrastructures at zone N.A.P.E.

Services Provided

Civil and E&M engineering design.

3667

Roads and flyovers

MACAU - CHINA Macau

Macau Government

Designation

Roads and flyovers, on the Macau island.

Services Provided

Design.

3666

Viaduct Ho Yin

MACAU - CHINA Macau

Macau Government

Designation

Viaduct Ho Yin (1.200 m long), in the northwest region of the island of Macau.

Services Provided

Design.

3665

Transport (Roads - Bridges, Viaducts, Interchanges)

North-South Railway Axle - Railway Underbridge (PI Vale Flor)

PORTUGAL

GNFL (Office of the Lisbon Railway Node)

Designation

Railway underbridge (PI Vale Flor) included in the North-South Railway Axle Project

Services Provided

Design

2968

Viaduct on Av.Almirante Lacerda and Av.Tamagnini Barbosa

MACAU - CHINA Macau

Macau Government

Designation

Is a viaduct in continuous sections of 17 m. Its cross-section has 10 m in the area with two-way traffic and 4 m in areas with one direction of traffic. Includes: One main section with 220 m, access ramp with 65 m and exit ramp with 55 m

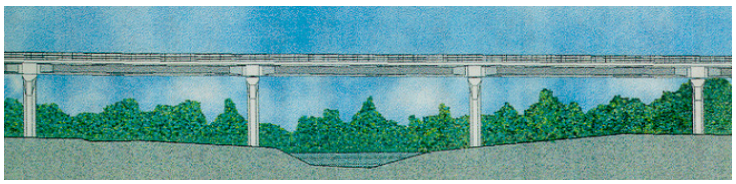
Services Provided

Engineering design of civil engineering and landscape

2955

Benespera Viaduct

PORTUGAL Guarda / Benespera



EP (Roads of Portugal)

Designation

IP2 - Guarda - Benespera - Viaducts

Services Provided

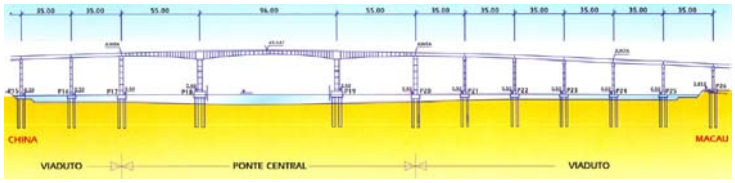
Preliminary study, base project, design of 1.656 m of viaducts

636

Transport (Roads - Bridges, Viaducts, Interchanges)

Lotus Bridge, Cotai - Hengqing

MACAU - CHINA Cotai - Hengqing



Macau Government

Designation

Lotus Bridge with the total length of 1,781 km and width of 30m, volume of concrete - 27,500 sqm, steel armor - 4200 ton, prestressing steel - 68,000 tons x m, bituminous concrete - 17,150 sqm. The bridge consists of 3 central spans and 2 viaducts.

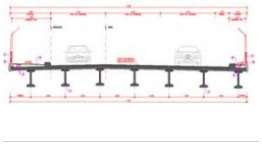
Services Provided

Design and Technical Assistance during the construction.

3451

IC17 - CRIL Overpasses 1 and 2 of Benfica Rotunda

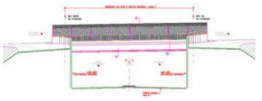
PORTUGAL Lisboa



EP (Roads of Portugal)

Designation

Underpasses structures includes a frame of one span only with 20.0m long. The decks platform has 17.25 m width.Decks are made of 7 beams in I form precast and pre tensioned.



Services Provided

Base Project and Tender Project.

3485

Taipa Viaduct

MACAU - CHINA Taipa

Macau Government

Designation

Taipa Viaduct.

Services Provided

Design.

3669

Transport (Roads - Bridges, Viaducts, Interchanges)

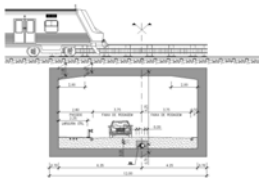
Underpasses (Kms 11+920 e 12+858) Alentejo's Railway

PORTUGAL Pinhal Novo

PROMORAIL
Promorail

Designation

Two rail-tracks underpasses in reinforced concrete closed frame. The span is 10.6 m long.



Services Provided

Tender projects (Alternative) of structure and foundations and construction in general. Technical Assistance during construction.

3479

Metallic Viaduct - Lisbon Airport

PORTUGAL Lisboa

ANA – Airports in Portugal

Designation

Metallic viaduct;continuous frame 6 pieces with span 10.5m adding total length 58m.The deck, with about 7m width, composed by a grillage of structural steel, type HEB, over which it is supported a pre cast slab in reinforced concrete with 0.18m thickness.

Services Provided

Process for Public Bid and Tender Project..

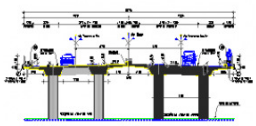
3481

IP6 - Viaduct Over River "Olho Marinho"

PORTUGAL Olho Marinho - Óbidos

EP
Estradas de Portugal, S.A.
EP (Roads of Portugal)

Designation



Road viaduct in prestressed reinforced concrete with 206 m long and 26.7 m total width. It has standard spans of 21.5 m.

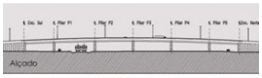
Services Provided

Preliminary Study) and Tender project of structure and foundations. Technical Assistance.

3478

Barreiro-Pinhal Novo - Viaduct at Km5+950 Alentejo's Railway

PORTUGAL Barreiro



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Designation

Road Viaduct in prestressed reinforced concrete with 158 m long and 13.1 m width . It has a maximum span of 30 m over the railway crossing area.

Services Provided

Preliminary study (1st place in Public Bid) and Tender project of structure and foundations. Technical assistance.

3477

Viaduct (Macau International Airport)

MACAU - CHINA Taipa

CAM

CAM (Macau International Airport Company)

Designation

Access viaduct to the International Airport of Macau (total length of 600 m)

Services Provided

Preliminary study; detail design

2958

North-South Railway Axle - Railway Viaduct

PORTUGAL Pragal

GNF

GNFL (Office of the Lisbon Railway Node)

Designation

Railway viaduct at Pragal with 99 m of total length included in the North-South Railway Axle Project

Services Provided

Design

2964

IC17 - CRIL Overpasses 1 and 2 of Pedralvas Rotunda

PORTUGAL Lisboa

EP (Roads of Portugal)

Designation

Overpass structure includes frame of one span only with 28.3m long.The deck platform has 14.25m width.The deck is made of 6 I beams form precast and prestressed.Abutments are materialized by a curtain of piles with 1.00m apart from each other 1.30m.

Services Provided

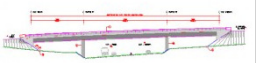
Base Project and Tender Project.

3484

IC2 - Coimbra Overpass of Node of Martinho do Bispo

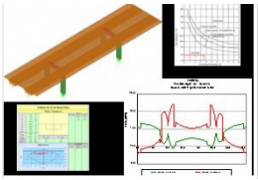
PORTUGAL Coimbra

EP (Roads of Portugal)



Designation

Overpass structure includes a continuous frame of 3 spans 72 m long. Deck platform has 18.80 m width.Deck is made of one slab with two ribs prestressed longitudinally with constant high of 1.60 m.



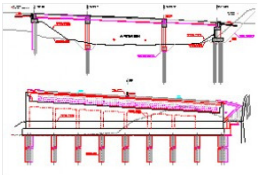
Services Provided

Base Project and Tender Project.

3486

IC17 - CRIL Road Buraca-Pontinha Viaduct Over "Av. Ruy Luis Gomes"

PORTUGAL Lisboa



EP (Roads of Portugal)

Designation

Viaduct includes continuous frame divided 3 parts with a total length 62m.The deck platform has 34.2m width.Deck is made 14 beams in I form precast and pre tensioned. It has been given continuity over the supports by using superior post force continuity.

Services Provided

Base Project and Tender Project.

3482

Transport (Roads - Bridges, Viaducts, Interchanges)

Tsing Ma Bridge

HONG KONG - CHINA Hong Kong

Gammon

Gammon Construction Ltd.

Designation

Tsing Ma Bridge - Tsing Yi Anchorage

Services Provided

Blasting and study of construction of tunnels

3490

3rd Bridge Macau-Taipa (Sai Van Bridge)

MACAU - CHINA Taipa - Macau

Macau Government

Designation

3rd Bridge Macau-Taipa (Sai Van Bridge) Land Reclamation and Urban Planning

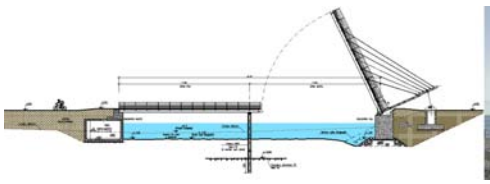
Services Provided

Lay-out design

3491

Pedestrian Bridge in Montijo

PORTUGAL Montijo



Montijo

City Hall of Montijo

Designation

Total extension of 34.4m composed by two spans with 17.20m each. The bridge has a total width of 3.0m. The structure is composed by a steel deck structure with wooden floor, supported on steel piles.

Services Provided

Project execution.

3551

North-South Railway Axle - Railway Underbridge (PI1.11.1)

PORTUGAL

GNFL (Office of the Lisbon Railway Node)

Designation

Railway underbridge (PI 1.11.1) included in the North-South Railway Axle Project

Services Provided

Design

2961

North-South Railway Axle - Railway Overbridge (PS 2 1.1)

PORTUGAL

GNFL (Office of the Lisbon Railway Node)

Designation

Railway overbridge (PS 2.1.1), with 90 m of total length included in the North-South Railway Axle Project

Services Provided

Design

2962

North-South Railway Axle - Railway Overbridge (PS1.12.1)

PORTUGAL

GNFL (Office of the Lisbon Railway Node)

Designation

Railway overbridge (PS 1.12.1), with 66 m of total length included in the North-South Railway Axle Project

Services Provided

Design

2963

Transport (Roads - Bridges, Viaducts, Interchanges)

IP6 - Mouriscas/Gardete Stretch (Underbridges and Overbridges)

PORTUGAL Mouriscas / Gardete

EP (Roads of Portugal)

Designation

2 underbridges and 3 overbridges in the IP6, Mouriscas - Gardete stretch, alternative between the km 0.7 and the km 7.0

Services Provided

Preliminary study; design

2966

Railway Part Tunes-Lagos - Inferior Passage at Km 325+432 Estombar

PORTUGAL Lagos

Promorail

Designation

Train-tracks underpass for replacement of the existent culvert. It has a span of 7.55 m.

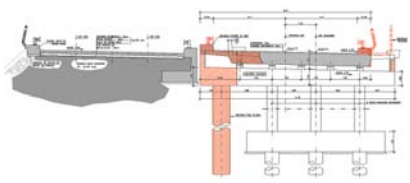
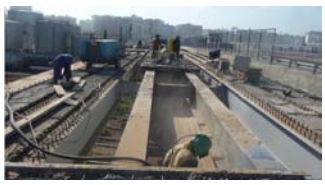
Services Provided

Tender projects (Alternative) of structure and foundations and construction in general. Technical Assistance.

3480

Viaduct Access to Port of Casablanca

MOROCCO Casablanca

SGTM Société Générale des Travaux du Maroc

Designation

The project consisted in the rehabilitation of an existing viaduct with a total length of 240 m, being the access viaducts composed by a concrete deck and the main viaduct composed by a steel girder deck.

Services Provided

Preleminar study and project implementation.

3553

Transport (Roads - Bridges, Viaducts, Interchanges)

IC17 - CRIL Road Buraca-Pontinha Viaduct Over "Est. da Correia"

PORTUGAL Lisboa

EP (Roads of Portugal)

Designation

Viaduct includes continuous frame 4 parts total length 88m.The deck width varies between 31.05m/32.7m.Deck is made 12 beams in I form precast and pre tensioned. It has been given continuity over the supports by using superior post force of continuity.

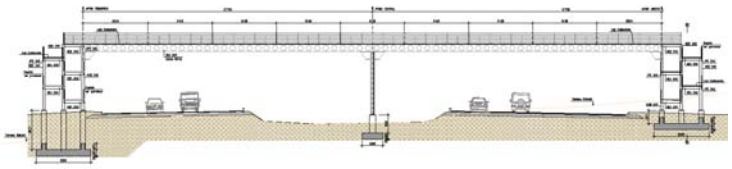
Services Provided

Base Project and Tender Project.

3483

Pedestrian Bridges in Lubango

ANGOLA Lubango



Rushmore SA

Designation

3 pedestrian crossings over the main road which connects Luanda to Lobito.The maximum span for the 3 bridges is about 30.10m.Structural solution adopted is totally metallic (collumns, deck and access stairs).Deck is composed by 2 longit. Metallic beams.

Services Provided

Project execution.

3552

Bridge, Flyovers and Roads

MACAU - CHINA Macau

Macau Government

Designation

Bridge, flyovers and roads, 1700 m long, connecting "Av. de Amizade" and the new avenue at seaside road in N.A.P.E.

Services Provided

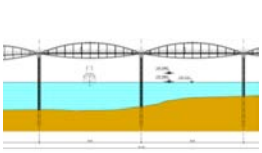
Elaboration of civil engineering projects and landscaping framing.

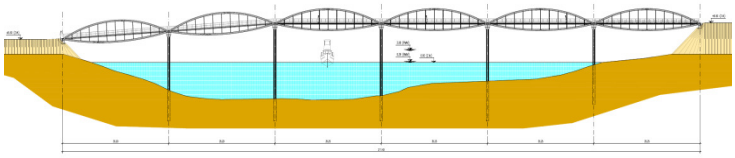
3492

Transport (Roads - Bridges, Viaducts, Interchanges)

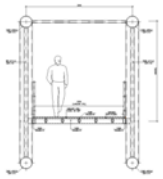
Pedestrian Bridge in Cogo

EQUATORIAL GUINEA *Cogo*





Somagec / Etermar



Designation

Access bridge to an island near Cogo with about 212m long and 3m width, which llows walking and emergency vehicles access to an island which can currently only be reached by sea.

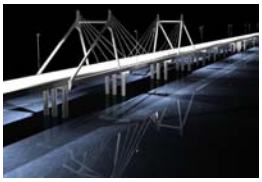
Services Provided

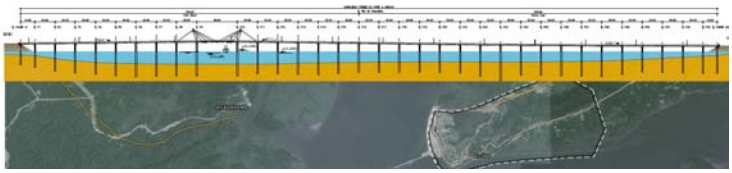
Previous study and project execution.

3550

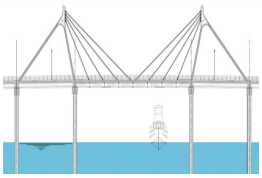
Cogo-Akalayong Bridge

EQUATORIAL GUINEA *Cogo / Akalayong*



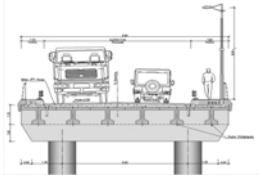


Somagec / Etermar



Designation

The Cogo-Akalayong bridge, with a total extension of 688m, allow the connection between the two riversides of the Congüe river. The bridge is divided in two sections (334m+354m) structurally separated by na expansion joint.



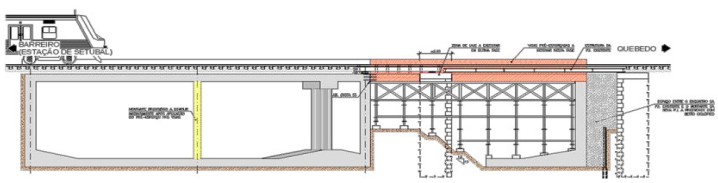
Services Provided

Previous study and project execution.

3549

Setúbal Railway Bridge Next to the Setúbal Train Station

PORTUGAL Setúbal



MonteAdriano, Engenharia e Construção-ELEVO Group

Designation

Centenary railway bridge which was intended to replace in the same place by a new one with a double span compared with the existing one. All the work was done with only a few interruptions of the train circulation during the night.

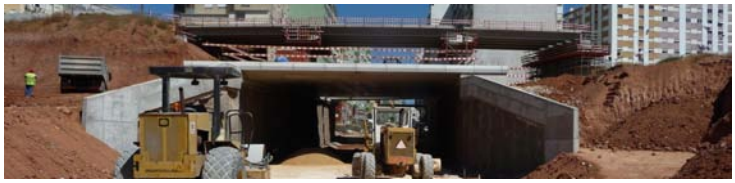
Services Provided

Previous study and project execution.

3548

Under and Over Bridge in "Azinhaga dos Besouros"

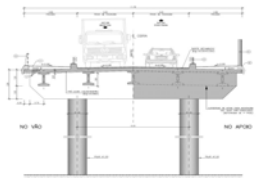
PORTUGAL Lisboa



EP Estradas de Portugal, SA

Designation

Over bridge consists in a continuous frame divided in 3 spans with a total length of 52m. The deck platform has 11.7m. Under bridge is composed by a reinforced concrete slab with 0.70m of thickness with a total span of 14.9m.



Services Provided

Previous study, project basis and project execution.

3547

Bridges in Xiangtan, Hunan Province

CHINA Xiangtan, Hunan

AIF - Asia Infrastructure Fund

Designation

Bridges in Xiangtan, Hunan province

Services Provided

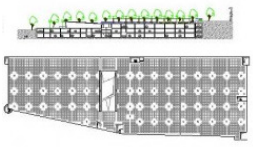
Traffic analysis, design revision and construction management

3450

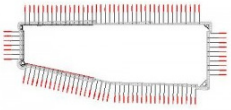
Transport (Roads - Infrastructure Support)

Underground Parking in Alcobaça (400 places in 12.000 sq.m)

PORTUGAL Alcobaça



City Hall of Alcobaça



Designation

Parking with 3 basement floors and construction area of 12000 sq.m, for 400 parking places.

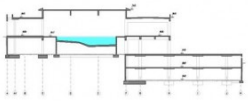
Services Provided

Proposal design, planning phase and tender phase of all the specialties, including external designing.

3457

Underground Parking in Miraflores (270 places in 2.300 sq.m)

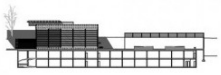
PORTUGAL Lisboa



SOPOL

Sopol (Group A. Silva e Silva)

Designation



Underground parking with 3 basement floors and construction area of 2300 sq.m, for 270 parking places.

Services Provided

Tender phase of all the specialties. Technical assistance.

3456

Underground Parking in Teixeira de Pascoais (240 places in 7.000 sq.m)

PORTUGAL Lisboa

Engil

Engil (Company of Construction)

Designation

Parking with 2 basement floors and construction area of 7000 sq.m, for 240 parking places and 152 storage rooms.

Services Provided

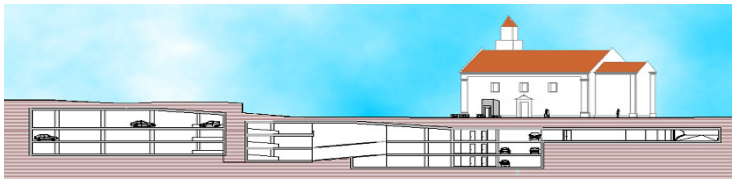
Tender phase of all the specialties (structures, architecture and technical systems). Technical assistance.

3455

Transport (Roads - Infrastructure Support)

Underground Parking in Town Hall Square (400 places in 12.820 sq.m)

PORTUGAL Covilhã



Somague PMG/PARC

Designation

Underground parking in Town Hall Square (400 places 12.820 sq.m).

Services Provided

Project to contest (1st place); design; technical assistance to work.

617

Parking - Bahrain International Airport

BAHRAIN

Bahrain International Airport

Designation

Parking the Bahrain International Airport.

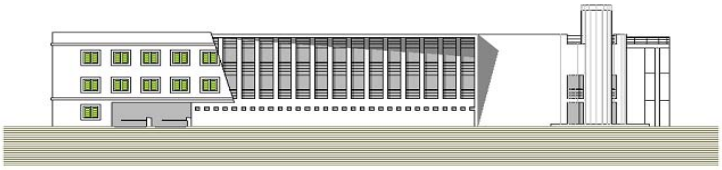
Services Provided

Preliminary draft.

628

Auto-silo Almirante Reis (588 places 16.480 sq.m)

PORTUGAL Funchal



Somague PMG/PEM

Designation

Auto-silo Almirante Reis (588 places 16.480 sq.m).

Services Provided

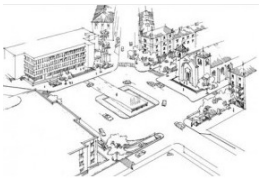
Project to contest (1st place); design.

627

Transport (Roads - Infrastructure Support)

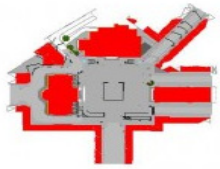
Underground Parking in Largo 25 Abril (320 places in 7.200 sq.m)

PORTUGAL Caldas da Rainha



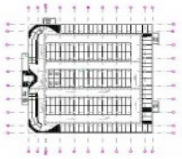
Engil

Engil (Company of Construction)



Designation

Underground parking with 2 basement floors and construction area of 7200 sq.m, for 320 parking places.



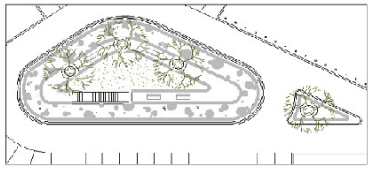
Services Provided

Previous project for a design/building public bidding.

3459

Underground Parking Al. Cónego J. Fernandes (182 places in 5.760 sq.m)

PORTUGAL Vila Nova de Famalicão



Somague

Somague PMG/PARF

Designation

Underground parking Al. Cónego J. Fernandes (182 places in 5760 sq.m).

Services Provided

Project to contest (1st place); design; technical assistance to work.

615

Underground Parking Av. De Berna (362 places 11.000 sq.m)

PORTUGAL Lisboa

Emparque

ESLI (Car Parks) Emparque Group

Designation

Underground parking Av. De Berna (362 places 11.000 sq.m).

Services Provided

Review of the project; launch of the competition; management and supervision of work.

606

Underground Parking Infante Santo (189 places 6.730 sq.m)

PORTUGAL Lisboa

ESLI (Car Parks) Emparque Group

Designation

Underground parking Infante Santo (189 places 6.730 sq.m).

Services Provided

Draft permit.

607

Underground Parking Largo de Jesus (119 places 4.050 sq.m)

PORTUGAL Lisboa

ESLI (Car Parks) Emparque Group

Designation

Underground parking Largo de Jesus (119 places 4.050 sq.m).

Services Provided

Design; launch of the competition.

608

Underground Parking Av. Valbom (502 places 17.000 sq.m)

PORTUGAL Lisboa

ESLI (Car Parks) Emparque Group

Designation

Underground parking Av. Valbom (502 places 17.000 sq.m).

Services Provided

Review of the project; launch of the competition; management and supervision of work.

609

Transport (Roads - Infrastructure Support)

Underground Parking Restauradores (100 places 3.780 sq.m)

PORTUGAL Lisboa

Emparque

ESLI (Car Parks) Emparque Group

Designation

Underground parking Restauradores (100 places 3.780 sq.m).

Services Provided

Expansion and redesign project to increase its capacity to more than double the original. This expansion was studied in order to execute the works to the public without closing the park ever built.

610

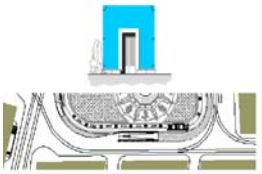
Underground Parking Largo Camões (302 places 10.470 sq.m)

PORTUGAL Lisboa

Factory Italian Church of Nª Sª of Loreto

Designation

Underground parking Largo Camões (302 places 10.470 sq.m).



Services Provided

Design; launch of the competition.

611

Underground Parking of the Market of Leiria (235 places 5.880 sq.m)

PORTUGAL Leiria

Emparque

ESLI (Car Parks) Emparque Group

Designation

Underground parking of the market of Leiria (235 places 5.880 sq.m).

Services Provided

Design.

612

Parking Lot2.33 at the Parc des Nations (199 places in 6.180 sq.m of gr

PORTUGAL Lisboa

PARQUEXPO
RE:INVENTAR O TERRITÓRIO

Parque EXPO 98, S A

Designation

Parking Lot 2.33 at the Parc des Nations - Lisbon (199 places in 6180 sq.m of gross).

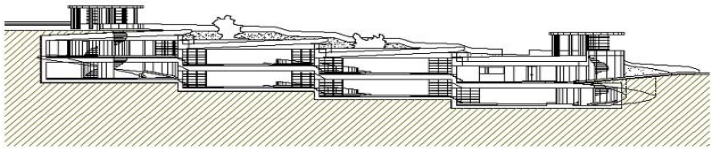
Services Provided

Preliminary study and detail design.

619

Underground Parking Arquiparque in Miraflores (245 places 7.600 sq.m)

PORTUGAL Algés



MULTI

MultiI Development Corporation - PARQM

Designation

Underground parking Arquiparque in Miraflores (245 places 7.600 sq.m).

Services Provided

Project to contest (1st place); design; technical assistance to work.

614

São Tiago Auto-silo

PORTUGAL Funchal

Somague

SOMAGUE PMG/PEM

Designation

São Tiago Auto-silo in Funchal (287 places 9,600 sq.m).

Services Provided

Project for tender (1st place); project implementation.

626

Underground Parking D. Maria II

PORTUGAL Vila Nova de Famalicão

SOMAGUE PMG/PARF

Designation

Underground parking D. Maria II in Vila Nova de Gaia (371 places in 10,680 sq.m of gross floor area).

Services Provided

Project for tender (1st place); draft licensing.

616

Architecture Outdoor Spaces Project for the Campolide Street.

PORTUGAL Lisboa

City Hall of Lisbon

Designation

Architecture outdoor spaces project for the Campolide Street.

Services Provided

Preliminary study and project management: water, drainage and road network.

3612

Dr Sousa Underground Parking in Tomar

PORTUGAL Tomar

Somague PMG/ PARQT

Designation

Dr Sousa underground parking in Tomar (194 places in 6,760 sq.m of gross floor area).

Services Provided

Draft tender (1st place); architectural licensing project.

618

Underground Parking Júlio Dinis

PORTUGAL Vila Nova de Gaia - Porto

SOMAGUE PMG

Designation

Underground parking Júlio Dinis in the Adelino Amaro da Costa square in Port (400 places in 12,040 sq.m of gross floor area).

Services Provided

Project for tender (1st place); draft licensing.

620

Underground Parking António Correia de Oliveira

PORTUGAL Amadora

SOMAGUE PMG

Designation

Underground parking António Correia de Oliveira in Amadora (375 places in 11,070 sq.m of gross floor area).

Services Provided

Project for tender (1st place).

622

Underground Parking Dr. Mário Gandra Nunes

PORTUGAL Amadora

SOMAGUE PMG

Designation

Underground parking Dr. Mário Gandra Nunes in Amadora (272 places in 9,370 sq.m of gross floor area).

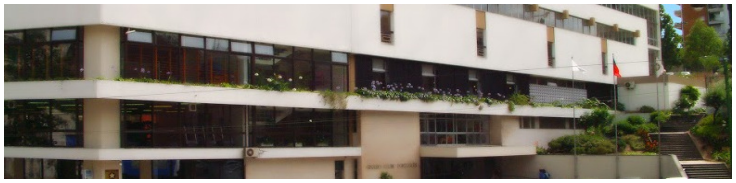
Services Provided

Project for tender (1st place).

623

Underground Parking of the Gymnasium Portuguese Club

PORTUGAL Lisboa



GINÁSIO CLUBE PORTUGUÊS

Gymnasium Portuguese Club

Designation

Underground Parking (203 places in 5.460 sq.m of gross floor area).

Services Provided

Previous study; draft licensing.

624

Underground Parking João Gomes

PORTUGAL Funchal

Somague

SOMAGUE PMG/PEM

Designation

Underground parking João Gomes in Funchal (612 places in 19,490 sq.m of gross floor area).

Services Provided

Project for tender (1st place); draft licensing.

625

Underground Parking São Bento (348 places 11.130 sq.m)

PORTUGAL Lisboa

Assembly of the Republic

Designation

Underground parking São Bento (348 places 11.130 sq.m).

Services Provided

Design; launch of the competition; technical assistance to work.

613

Transport (Roads - Infrastructure Support)

Underground Parking in the Cruz Vermelha Square

PORTUGAL Funchal

FUNCHAL

City Hall of Funchal

Designation

Underground parking lot in the Cruz Vermelha Square (Severiano Ferraz Square).

Services Provided

Basic programme; preliminary and detail design.

2890

Cabo Ruivo Bus Depot (200 buses)

PORTUGAL Cabo Ruivo - Lisboa

carris

CCFL - (current CARRIS)

Designation

Cabo Ruivo bus depot: service station and maintenance workshop for 200 buses.

Services Provided

Complete design.

2878

Service Station and Maintenance Workshop

PORTUGAL Azeitão

RN RODOVIÁRIA NACIONAL, E.P.

RN - Rodoviária Nacional, EP

Designation

Service station and maintenance workshop for 120 buses.

Services Provided

Preliminary study.

2881

Service Station and Maintenance Workshop

PORTUGAL Sines

RN - Rodoviária Nacional, EP

Designation

Service station and maintenance workshop for 200 buses.

Services Provided

Preliminary study.

2882

Service Station and Maintenance Workshop

PORTUGAL Montijo

RN - Rodoviária Nacional, EP

Designation

Service station and maintenance workshop for 200 buses.

Services Provided

Preliminary study.

2883

Miraflores Bus Depot (220 buses)

PORTUGAL Miraflores - Algés

CCFL - (current CARRIS)

Designation

Miraflores bus depot: general workshops and service station (220 buses).

Services Provided

Complete design; construction management.

2884

Transport (Roads - Infrastructure Support)

Underground Parking in Alameda D.Afonso Henriques

PORTUGAL Lisboa

Emparque

ESLI (Car Parks) Emparque Group

Designation

Underground parking in Alameda D.Afonso Henriques.

Services Provided

Property and parking surface; location study; design; supervision of construction (in association).

2876

Underground Parking in the Pelourinho Square

PORTUGAL Funchal

FUNCHAL

City Hall of Funchal

Designation

Parking lot in the Pelourinho Square.

Services Provided

Design and location study; cost estimate.

2889

Underground Parking in São Paulo

BRAZIL São Paulo

EMURB

Municipal Company of Urbanization

Designation

Underground parking in S.Paulo.

Services Provided

Design (in association).

2875

Parking Facilities in the ISEL

PORTUGAL Lisboa

ISEL - Superior Engineering Institute of Lisbon

Designation

Reorganization of the parking facilities in the ISEL (Lisbon Polytechnical Institute).

Services Provided

Reorganization study and new layout of the parking facilities, including detailed design of parking areas, accesses, signaling and security.

2896

5 Underground Parking

PORTUGAL

Parque EXPO 98, S A

Designation

5 Underground parking (33.000 sq.m).

Services Provided

Detail design architecture & specialty.

2899

Parque EXPO 98 Underground Parking Lot4:02 (469 places in 13.614 sq.

PORTUGAL Lisboa

Parque EXPO 98, S A

Designation

Three level Underground Parking (Lot 4.02) for 151 cars in level -1, 157 cars in level -2, 161 cars in level -3 and an area of 13,614 sq. m including access and circulation. The level 0 is aimed for garden.

Services Provided

Detail design architecture and all specialties (structures, HVAC, water and sewage, and E&M design; landscaping).

2900

Parking Adjacent to the Market Minicipal Castelo Branco

PORTUGAL Castelo Branco

City Hall of Castelo Branco

Designation

Parking adjacent to the Market Minicipal Castelo Branco.

Services Provided

Project coordination.

2901

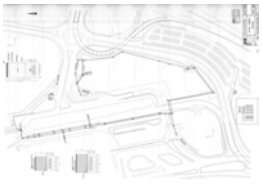
Construction of Parking PP1, Lisbon Airport (581 places in 13.609 sq.m)

PORTUGAL Lisboa

ANA – Airports in Portugal

Designation

Preparation of the Draft Implementation of in different specialties. Auto-silo for 581 vehicles (area 13,609 sq.m) at Lisbon Airport.



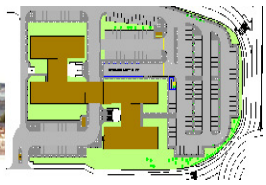
Services Provided

Preparation of project execution structures, sewage system, electrical system and water network and technical assistance to the work.

2902

Expansion of the Surface Parking of Building 124 and 125 Lisbon Airport

PORTUGAL Lisboa



ANA – Airports in Portugal

Designation

Preparation of Project Expansion of the surface parking of Buildings 124 and 125 from Lisbon Airport.

Services Provided

Development of infrastructure projects, water, sewage, electricity and infrastructure and technical assistance to the work.

3495

Auto-silo

MACAU - CHINA Taipa

Macau Government

Designation

Auto-silo for 600 cars and 42 buses (80,000 sq.m).

Services Provided

Basic, conceptual and detail design.

2886

New Underground Car Park at Border Building

MACAU - CHINA Macau

Macau Government

Designation

New underground car park at the border building in "Portas do Cerco".

Services Provided

Civil and E&M engineering design.

3655

Underground Parking in Luís de Camões Square Avenue (Traffic Studies)

PORTUGAL Lisboa

Baltazar Cabral

Designation

Underground parking lot in the Luís de Camões Square Avenue.

Services Provided

Property and parking survey; location study; design (in association).

2874

Underground Parking at Av. Sidónio Pais

PORTUGAL Lisboa

Baltazar Cabral

Designation

Underground parking in the Sidónio Pais Avenue.

Services Provided

Property and parking survey; location study; design (in association).

2873

Underground Parking Saldanha (503 places 14.000 sq.m)

PORTUGAL Lisboa

ESLI (Car Parks) Emparque Group

Designation

Underground parking Saldanha (503 places 14.000 sq.m).

Services Provided

Review of the project; launch of the competition; management and supervision of work.

605

Rehabilitation of Road infrastructure

GUINEA-BISSAU Bissau

Government of the Republic of Guinea-Bissau

Designation

Technical assistance to the tansports coordination unit, within the Infrastructures rehabilitation project.

Services Provided

Consultancy and training in the areas of management, planning, finance and maintenance, to institutions and enterprises of the sector.

3186

Underground Parking in the Restauradores Square

PORTUGAL Lisboa

ESLI (Car Parks) Emparque Group

Designation

Underground parking in the Restauradores Square (545 places).

Services Provided

Property and parking surface; location study; design; supervision of construction (in association).

2877

Transport (Roads - Tunnels and Galleries)

Tunnel Nam Van

MACAU - CHINA Macau

Macau Government

Designation

Tunnel Nam Van.

Services Provided

Civil and E&M engineering design.

3663

Railway Tunnel of Feijó

PORTUGAL Feijó

CP (Company of Portuguese Railways)

Designation

Feijó tunnel rail link in Pragal / Pinhal Novo.

Services Provided

technical assistance to construction.

3127

Access Tunnel to the Port of Funchal

PORTUGAL Funchal

Regional Government of Madeira

Designation

Access tunnel to the port of Funchal (200 m) included in the ring road at level 40.

Services Provided

Preliminary and detail design; geometric, geologic-geophysical and lighting studies.

3122

Transport (Roads - Tunnels and Galleries)

Tunnel of Grilo

PORTUGAL Lisboa

EP (Roads of Portugal)

Designation

IC17 - CRIL - Tunnel of Grilo consists of two parallel galleries with 19 meter span and a total length of 525 m.

Services Provided

Preliminary study, design and technical assistance

638

Tunnels in IP2 between Guarda and Benespera

PORTUGAL Guarda

EP (Roads of Portugal)

Designation

IP2 - Guarda - Benespera - tunnels (Barracão e Ramela).

Services Provided

Preliminary study, base broject, design of 1.490 m of tunnels.

637

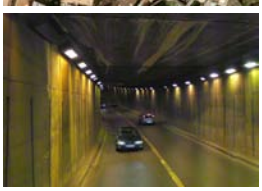
das Cruzes Tunnel

PORTUGAL Funchal

Regional Government of Madeira

Designation

Cruzes tunnel (150 m) included in the ring road at level 40.



Services Provided

Topographic surveying, geotechnical prospecting and execution project.

3121

Coina Railway Tunnel

PORTUGAL Coina

CP (Company of Portuguese Railways)

Designation

Railway tunnel in section between Pinhal Novo and Coina.

Services Provided

Detail design.

3117

Águas Santas Tunnels on the Motorway (A4)

PORTUGAL

BRISA (Highways of Portugal)

Designation

Tunnels in the A4 motorway between Águas Santas and Campo (total length of approx. 1 km).

Services Provided

Feasibility study; economical, financial and geologic-geophysical studies, preliminary draft for tender, Detail design and technical assistance.

3116

Rotunda Underground Intersection - Track and Galleries

PORTUGAL Lisboa

Metropolitano de Lisboa (Lisbon Underground)

Designation

Rotunda underground intersection: track and galleries.

Services Provided

Design.

3112

Transport (Roads - Tunnels and Galleries)

Railway Tunnel Under the South Access of the Bridge Over the Tagus

PORTUGAL Lisboa

Morrison & Knudsen

Designation

Railway tunnel under the south access of the bridge over the Tagus.

Services Provided

Structural design; checking of structural stability.

3110

Campo da Barca Tunnel

PORTUGAL Funchal

Regional Government of Madeira

Designation

Campo da Barca tunnel (220 m) included in the ring road at level 40.

Services Provided

Preliminary and detail design; geometric, geologic/geophysical and lighting studies; technical assistance to the works.

3120

Guia Road Tunnel

MACAU - CHINA Macau

Macau Government

Designation

Guia road tunnel (284,85 m, ceiling height of 7.22 meters and a width of 10.5 meters, with two lanes in each direction.) and accesses (the access to the tunnel at both ends is carried out by the viaduct).

Services Provided

Supervision of the geological survey; basic and detail design.

3119