IRD ENGINEERING



IRD ENGINEERING s.r.l.

CORPORATE PROFILE

v.S-112026

IRD ENGINEERING

Quick Facts About Us

Our Origins

IRD Engineering **was set up in 2000** aiming at the provision of engineering services during the reconstruction efforts after the conflicts that had taken place in the Western Balkans. The accumulated expertise was very soon demanded in other regions, and the company expanded its presence into Northeast Europe, the Caucasus, Central Asia, and the Far East. **Since its origins, IRD Engineering has participated in hundreds of assignments worldwide, with a total construction value of more than €100 billion.**



Our Staff

IRD Engineering is composed of a committed **multidisciplinary team of more than 500** civil engineers, project managers, electrical and mechanical engineers, architects, urban and transport planners, design-and-build experts, economists and financial specialists, and legal and procurement experts. **Our people are our main asset.**





Our Business

IRD Engineering is a leading Italian engineering consultancy offering **comprehensive solutions worldwide for a wide variety of infrastructure schemes.** Totally **independent** from any construction or industrial group, we provide **planning, design, supervision, and technical assistance services, covering all phases of project implementation.**



Our Clients

IRD Engineering has an **extensive track record in the provision of consulting and engineering services for public and multilateral institutions, and also for private organizations.** To name a few, we currently have important assignments under implementation for the EU, EBRD, EIB, ADB, AIIB, WFP, UNIDO, NATO, WB, and the AfDB.

IRD ENGINEERING

Who We Are

IRD Engineering is a multinational consulting and engineering services company that provides innovative solutions to complex infrastructure and development challenges for a diverse range of clients.

We provide tailored services to meet the precise requirements of each project, including:

- Procurement support
- Project management
- Master planning
- Feasibility studies
- Topographical, Geotechnical and Hydrological surveys
- Civil, Structural, Mechanical and Electrical Engineering Services
- Architectural Services
- Blast Design and Seismic Analysis
- Environmental / Sustainability Assessments
- Cost Estimation / Quantity Surveying
- Technical Peer Review
- Site Supervision

IRD Engineering is currently ranked among the Top 225 International Design Firms list compiled by ENR - Engineering News Record







IRD ENGINEERING

Rankings and Co-operation with IFIs

IRD Engineering has an extensive track record in the provision of consulting and engineering services on projects financed by the most important International Financial Institutions: the EU, the EBRD, the EIB, the ADB, NATO, the WB, the UN and the AfDB.

For several years IRD Engineering has led the ranking of Italian service providers working on projects funded by the Asian Development Bank and by the European Bank for Reconstruction and Development.

In 2026 IRD Engineering was ranked 127th in terms of revenues outside the domestic market in the "ENR Top 225 International Design Firms" list compiled by Engineering News Record. This is the result of all our activities in 30 countries in Eastern and Central Europe, the Caucasus, Asia, and Africa, and solid proof of the **technical distinction delivered by our employees.**

ENR THE TOP 225

WORLD BANK GROUP

AIIB ASIAN INFRASTRUCTURE INVESTMENT BANK

ADB ASIAN DEVELOPMENT BANK

European Investment Bank

UNDP

Eurasian Development Bank

European Bank for Reconstruction and Development

MILLENNIUM CHALLENGE CORPORATION UNITED STATES OF AMERICA

NATO OTAN NATO Support and Procurement Agency (NSPA)

IsDB البنك الإسلامي للتنمية Islamic Development Bank

WFP

BANQUE AFRICAINE DE DEVELOPPEMENT AFRICAN DEVELOPMENT BANK

IRD ENGINEERING

Where We Operate



500 +
Employees and Associated Consultants

100 +
Assignments under Implementation

18
Branches and Subsidiaries

30 +
Countries of Operation

Head Office
- IRD Engineering (Italy)

Subsidiary Companies
- IRD Serbia
- IRD Moldova
- IRD Georgia
- IRD Bosnia and Herzegovina

Branches
- IRD Branch in Afghanistan
- IRD Branch in Albania
- IRD Branch in Armenia
- IRD Branch in Azerbaijan
- IRD Branch in Bangladesh
- IRD Branch in Georgia
- IRD Branch in Kazakhstan
- IRD Branch in Kyrgyzstan
- IRD Branch in Libya
- IRD Branch in Montenegro
- IRD Branch in North Macedonia
- IRD Branch in Romania
- IRD Branch in Ukraine
- IRD Branch in Uzbekistan

Project Offices
- 12 additional offices in Europe, Asia, and Africa

IRD ENGINEERING

What We Do

Roads and Highways Infrastructure



Railway Infrastructure



Security and Defense Infrastructure



Architecture and Building Management



Environmental Engineering



Institutional Strengthening and Capacity Building



IRD ENGINEERING

Certifications and Memberships



IRD Engineering operates under a fully integrated management system certified to internationally recognized standards, including **ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 27001:2022, ISO 37001:2016, UNI/PdR 125:2022, and PAS 24000,** ensuring excellence in quality, environmental stewardship, occupational health and safety, information security, business integrity, gender equality, and social responsibility. In addition, **IRD Engineering is accredited by Accredia under UNI CEI EN ISO/IEC 17020 as a Type C Inspection Body**, enabling the independent verification of designs for infrastructure and construction projects with works values exceeding €20 million.

IRD Engineering is a corporate **member of O.I.C.E.** (the Italian Association of Engineering, Architectural, and Technical-Economic Consultancy Organizations), the Italian representative of **EFCA** (the European Federation of Engineering Consultancy Associations), **an affiliate of FIDIC** (International Federation of Consulting Engineers), being **fully accredited to perform FIDIC Supervision Services.**

Quality assurance is an integral part of IRD's project implementation and management procedures. *Random quality audits are carried out every year on a group of projects being implemented by IRD Engineering and its network of branches and subsidiaries. These allow us to implement corrective measures and draw conclusions for continuous improvement in our project management systems.*

IRD ENGINEERING



REPRESENTATIVE PROJECTS

IRD ENGINEERING



TRANSPORT INFRASTRUCTURE

Supervision and Legal Transactions Consultant for Construction Works on Corridor VIII and Corridor X-d

North Macedonia

Project Description

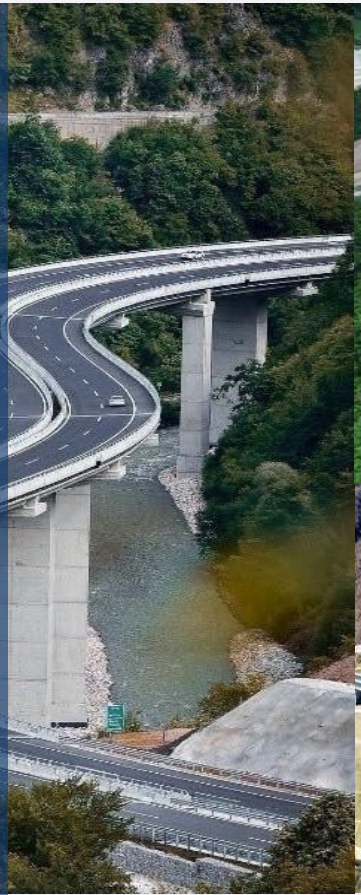
The project, of significant national importance, relates to the construction of several strategic motorway sections, which are part of the Pan-European Corridors VIII and Xd.

The overall scheme comprises almost **110 km of dual carriageway motorways** organised in four new sections: Tetovo – Gostivar (17.5 km), Gostivar – Bukojčani (30.3 km), Trebeništa – Struga – Qafasan (21.7 km), and Bitola – Prilep (39.3 km).

IRD's Role

Acting as legal transaction advisor, followed by supervision and administration of the construction contract in accordance with a **Modified FIDIC Red Book.**

Value of Services: Cca. €22 Million
Total Investment: Cca. €1.3 Billion





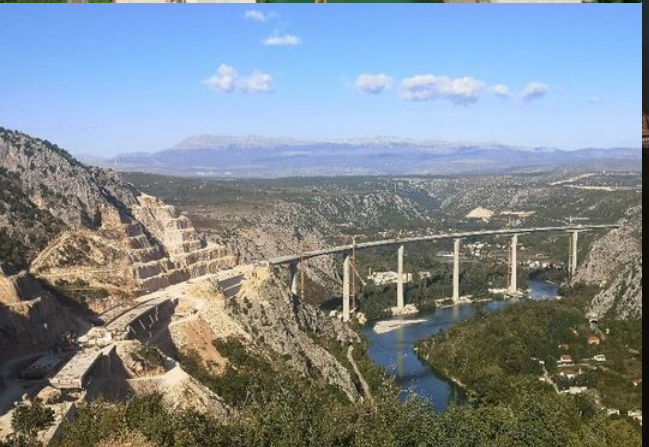


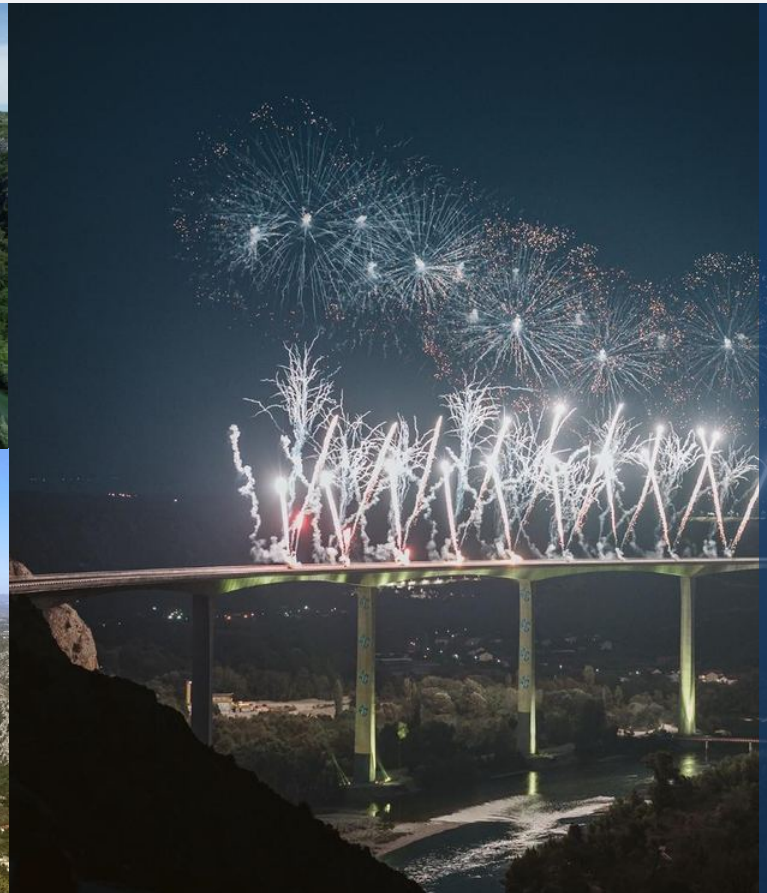
IRD ENGINEERING

Supervision of Works on Construction of Motorway on Corridor Vc, Subsection Počitelj - Zvirovići

Bosnia and Herzegovina







Project Description

The Pan-European route Budapest-Osijek-Sarajevo-Ploče (Corridor Vc) has the status of a priority infrastructure project in Bosnia and Herzegovina and several loans have been signed with different IFIs in order to finalise its construction.

The assignment, promoted by Motorways of Federation of BH Ltd and financed by the European Investment Bank (EIB), aims at the delivery of works supervision services for the construction of a **10 km-long motorway section, an interchange, and a 980 m-long bridge.**

IRD's Role

Carrying out the duties of "the Engineer" in accordance with FIDIC Conditions of Contract for Construction (Edition 1999).

Value of Services: Cca. € 8 Million
Total Investment: Cca. €110 Million

IRD ENGINEERING

Supervision Services for the Eastern Part of the Pan-European Rail Corridor VIII

North Macedonia

Project Description

EBRD-funded project for the construction of a **new railway line**, as well as the completion of pre-existing works on the Eastern part of the **Pan-European Rail Corridor VIII,** namely on the railway section between Beljakovce and Kriva Palanka (34 km), as well as the rehabilitation of the section between Kumanovo and Beljakovce (30.8 km). Addendum to supervise track works on the Negotino–Nogaevci section.

IRD's Role

Construction supervision services on behalf of the Contracting Authority, performing the **functions of the "Engineer" under FIDIC Red Book. Supervision of all works in accordance with FIDIC Conditions of Contract in these two sections with a total length of 65 kilometers**

Value of Services: Cca. €10 Million
Total Investment: Cca. €195 Million





IRD ENGINEERING

Supervision of the Design and Construction on the Motorway Sibiu – Pitesti Section 2: Boita - Cornetu

Romania







Project Description

The A1 motorway (also known as Autostrada A1) is a motorway that connects Bucharest with the Banat and Crișana regions in the western part of Romania. When completed, it will be 576 kilometers long and it will span the country from south-east to north-west. **The awarded sub-section (Lot 2), connecting the towns of Boita and Cornetu, has a length of 31.33 kilometers, including 49 bridges and viaducts, 7 tunnels with lengths ranging from 250 meters to 1,590 meters, and one ecoduct.**

IRD's Role

Full supervision services for the design and build of the motorway section. The supervision contract is implemented in accordance with the Romanian legislation in force.

Value of Services: Cca. € 22 Million
Total Investment: Cca. € 1.4 Billion

IRD ENGINEERING

Supervision of Construction Works on the Mateševo–Andrijevica Subsection of the Bar–Boljare Highway

Montenegro

Project Description

The subsection forms part of the planned Bar-Boljare highway, a **major North-South corridor improving national and regional connectivity.** Half of the route consists of engineered structures, including 32% bridges and 18% tunnels. Key infrastructure highlights include the Trešnjevik Tunnel: a 3.9 km twin-tube tunnel with two lanes in each direction, constructed using NATM and designed in compliance with EU tunnel safety regulations.

IRD's Role

All functions of "The Engineer" under a **FIDIC Plant and Design-Build Contract (Yellow Book, 1999, 1st Edition)** that includes Design, Construction, and Defects Notification Periods.

Value of Services: Cca. € 14.5 Million
Total Investment: Cca. € 700 Million



IRD ENGINEERING

Site Supervision of the Motorway Demir Kapija - Smokvica

North Macedonia





Project Description

Construction of **28.2 km of 4-lane highway, including two twin-tube tunnels over 1 km in length, 6 bridges, 2 interchanges, 5 overpasses, 7 underpasses,** and all associated earthworks, pavement and drainage works necessary for the completion of the project in accordance with the design and specifications. The project is **part of the Pan-European Corridor X.**

IRD's Role

Site Supervision services on behalf of the Contracting Authority, performing the **functions of the "Engineer" under FIDIC Red Book.**

Value of Services: Cca. €11 Million
Total Investment: Cca. €210 Million

Technical Expert for the Central Ring Road of Moscow (CKAD3)

Russia

Project Description

The Central Ring Road (CRR) in Moscow is a **road category type IA with four lanes** (an upgrade to six lanes shall be decided in due course). Its length is approximately 105 km with an estimated traffic speed of 140 km/h**.** The section includes **72 bridge structures, 2 of them with spans over 200 m, and 9 interchanges.**

IRD's Role

IRD Engineering was nominated as "Technical Expert", being entrusted to **review and optimize the design documentation,** to perform functions of **Construction Control,** to monitor compliance of the construction with the schedule for the works contract, and to carry out audits of the general contractor's works.

Value of Services: Cca. €14.5 Million
Total Investment: Cca. €1.2 Billion



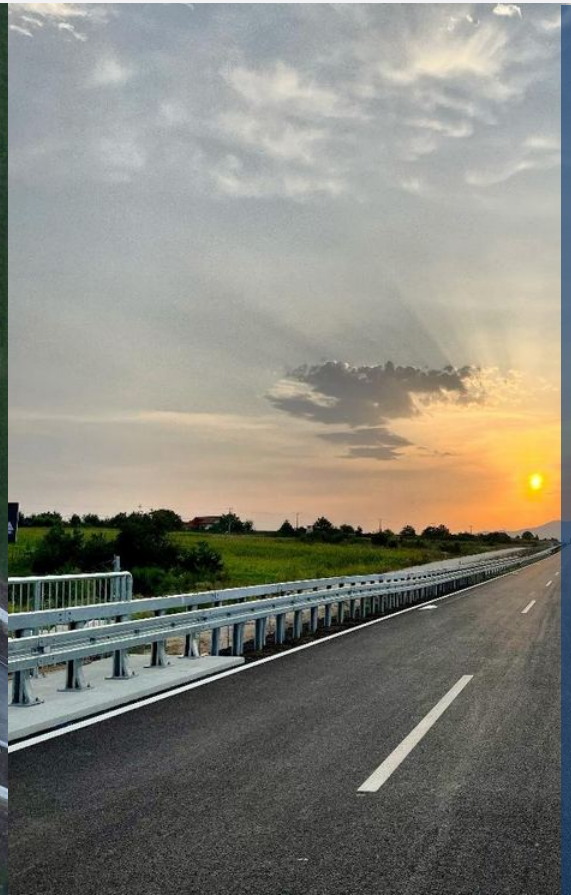


IRD ENGINEERING

Supervision of Works for the Peace Highway (E-80): Section Merosina to Beloljin

Serbia





Project Description

The Highway Nis-Merdare in the Republic of Serbia, also known as **the "Peace Highway",** is considered an important step for peace and reconciliation in the Western Balkans. The construction of the new highway will be implemented in three stages. The first stage comprises the construction of approximately **32.7 km of semi-motorway**, from Merosina to Beloljin. The project includes 5 grade-separated interchanges, 16 bridges, 8 overpasses/underpasses, 6 tunnels (with a total length of 2,670 m) and ancillary ITS systems.

IRD's Role

Assuming all the duties and obligations of the Engineer as defined in **FIDIC Pink Book and FIDIC Yellow Book.**

Value of Services: Cca. €6.8 Million
Total Investment: Cca. €208 Million

IRD ENGINEERING

Site Supervision of Construction Works on the Highway E-80

Serbia

Project Description

Supervision of construction works on the highway E80, section Prosek-Dimitrovgrad (Corridor Xc), with a total **length of 59.6 km and including 43 bridges, 4 tunnels, and 3 interchanges, as well as drainage and ancillary works.**

IRD's Role

Supervision of the contractors in all aspects of fulfilment of their obligations, responsibilities and undertakings made with respect to carrying out and completing the works contracts (Engineer according to **FIDIC Red Book**).

Value of Services: Cca. €19 Million
Total Investment: Cca. €1.3 Billion





IRD ENGINEERING

Supervision of the Design and Construction on the A3 Motorway, Section Chețani — Câmpia Turzii

Romania





Project Description

The A3 is a partially built motorway in Romania, **connecting its capital city Bucharest with the Transylvania region and the north-western part of the country.** Once completed, it will be 596 km long and will run along the route Ploiești, Brașov, Făgăraș, Sighișoara, Târgu Mureș, Cluj-Napoca, Zalău and Oradea, connecting with Hungary's M4 motorway.

IRD's Role

Full supervision services for the design and build of **15.7 km of roads, one double trumpet interchange, 9 bridges and passageways and one maintenance and coordination centre.** The supervision contract is implemented in accordance with the Romanian legislation in force.

Value of Services: Cca. €3.5 Million
Total Investment: Cca. €80 Million

IRD ENGINEERING

Supervision of Intelligent Transport Systems (ITS) Implementation on A1 Highway – Corridor X

North Macedonia

Project Description

The project concerns **the deployment of Intelligent Transport Systems (ITS) along approximately 172 km of the A1 motorway in North Macedonia**, aiming to improve road safety, traffic management and journey reliability through continuous monitoring of traffic and road conditions, timely detection of incidents and the provision of real-time information to road users.

IRD's Role

Technical supervision and contract administration, from assistance with bid evaluation to testing, commissioning and handover. Services include supervising the installation and integration of roadside equipment, communications and power networks, associated civil works, and systems at the Traffic Control Centers.

Value of services: Cca.€ 1.3 Million
Total Investment: Cca. € 19 Million





IRD ENGINEERING

Result-Based Road Maintenance and Safety Project

Albania







Project Description

The objectives of the project are to maintain the condition and improve the safety of Albania's primary-secondary road networks, and to strengthen sustainable and efficient road asset management and safety practices.

IRD's Role

IRD's team provides **supervision services for the periodic and routine maintenance of the road network** and supports **institutional reforms at the Albanian Road Administration.**

Value of Services: Cca. € 8 Million
Total Investment: Cca. € 156 Million

IRD ENGINEERING

Project Preparation, Design Review, Procurement Support - Rehabilitation of the Vore - Hani i Hotit Railway Line

Albania

Project Description

The project aims at the complete **rehabilitation of the existing railway section,** including the signalling and telecommunication and the electrification supply and installation, increasing its average speed to 120 km/h. The whole scheme is implemented through works contracts administered under FIDIC Plant and Design-Build (Yellow Book).

IRD's Role

Preparation of **technical documentation**, assistance during the **procurement** of works and supervision services, design review, support with all compliance and reporting obligations under the financing documents, **training of PIU staff** and implementation of good international practices in the railway sector.

Value of Services: Cca. € 2.8 Million
Total Investment: Cca. €375 Million





IRD ENGINEERING

Consultancy Services for the North-South Road Corridor

Armenia





Project Description

Feasibility study and preliminary design for the road section from Artashat South to Kajaran **(about 304 km), and detailed design of about 60 km** of the north-south road corridor, from Sisian to Kajaran.

IRD's Role

Preparation of the feasibility study and preliminary design, including full field surveys, draft due diligence documents, and draft bidding documents. Undertaking **the detailed design for about 60 km** from Sisian to Kajaran, including full field surveys, final due diligence documents, and final bidding documents. Land acquisition and resettlement plan and environmental impact studies.

Value of Services: Cca. €3 Million

Total Investment: Cca. €1.6 Billion

IRD ENGINEERING

Supervision of Design and Works on Motorway Banja Luka-Doboj

Bosnia and Herzegovina

Project Description

Supervision of **detailed design** of the new 4-lane motorway **section** (36 km long), **supervision of the construction works under FIDIC Yellow Book,** and assistance during the Defects Notification Period.

IRD's Role

Supervision of the detailed design. Supervision of the Contractor in all aspects of fulfilment of its obligations, responsibilities and undertakings, made with respect to carrying out and completing the motorway's design and construction **(FIDIC Yellow Book).**

Value of Services: Cca. €7.4 Million
Total Investment: Cca. €195 Million





IRD ENGINEERING

Supervision of Civil Works on the Road M03

Ukraine



Project Description

Capital repair of **three sections of the M03 Road (10.8 km, 11.3 km and 17 km long), including roads, bridges, drainage, and ancillary works.** The works were situated to the east of Lubny and followed the alignment of the existing M03 Road, between the town of Lubny and the city of Poltava. Approximately 35 km of the existing M03 Road were repaired.

IRD's Role

Supervision of the Contractor in all aspects of fulfilment of their obligations, responsibilities and undertakings made with respect to carrying out and completing the works contract. (**Engineer according to FIDIC MDBH**)

Value of Services: Cca. €4 Million
Total Investment: Cca. €130 Million

IRD ENGINEERING

Site Supervision for Upgrading to Four Lanes of the Ganja – Gazakh – Georgian Border Road

Azerbaijan

Project Description

The proposed upgrade to four lanes is financed by an EBRD loan and includes the construction of a new 2-lane carriageway by parallel widening adjacent to the existing road, as well as the construction of a new 4-lane road on new alignments bypassing villages and towns.

The length of the road is 130 km.

IRD's Role:

Site supervision according to FIDIC Conditions of Contract for Engineering Services Designed by the Employer MDB Harmonized Edition.

Value of Services: Cca. €12 Million
Total Investment: Cca. €210 Million





IRD ENGINEERING



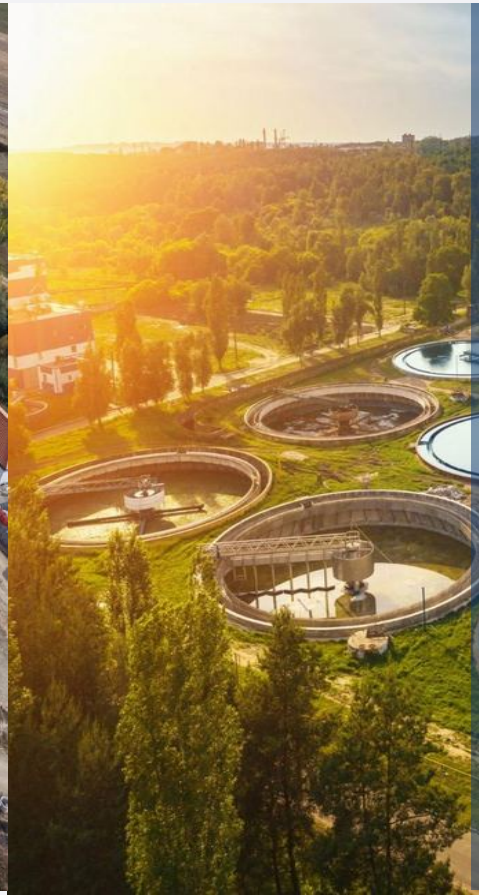
WATER AND SANITATION

IRD ENGINEERING

Supervision of Construction for the Municipal Wastewater Treatment Plants and Collection Systems in Niš

Serbia





Project Description

The project is financed by the European Union and aims at developing wastewater infrastructure in the city of Niš:

- Lot 1: Construction of the **WWTP Ciganski Kljuc (286,000 P.E.)** and wastewater treatment at WTP Mediana **(FIDIC – Yellow Book);**

- Lot 2: Construction and rehabilitation of collectors with pumping stations and construction of sewage network **(FIDIC – Red Book).**

IRD's Role

Performing the **duties of the Engineer (FIDIC Conditions of Contract)** and undertaking the approval of the Contractor's designs. Issuing variations and reporting and assessing the claims from Contractors. **Procurement support. Capacity building of water utilities.**

Value of Services: Cca. €2.2 Million

IRD ENGINEERING

Contract Administration and Supervision of Construction of the Wastewater Treatment Plant for the City of Skopje

North Macedonia

Project Description

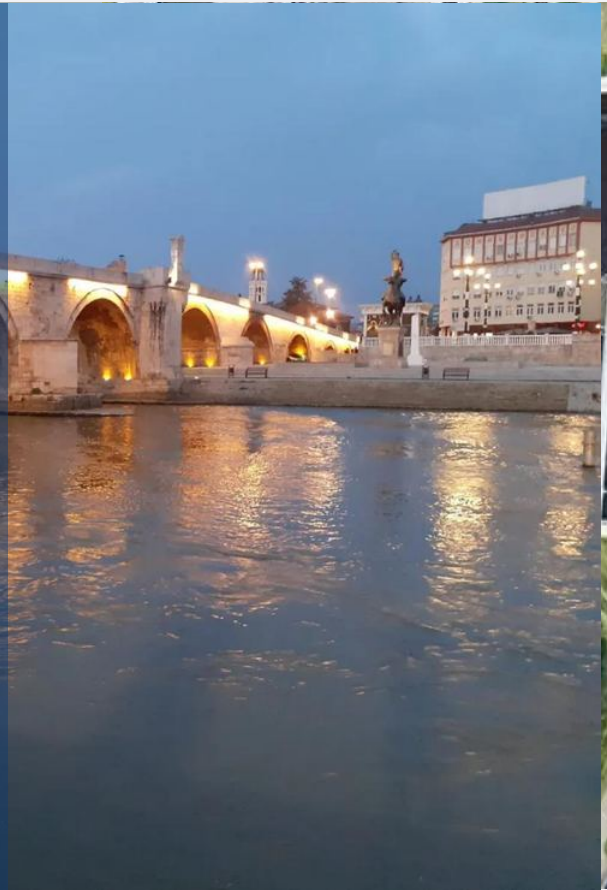
The new plant will treat 51.3 million m3 of domestic raw sewage per year, returning the effluent safely to the receiving environment, significantly reducing pollution levels in the Vardar River.

It will cover nine of the ten municipalities that constitute Skopje with a capacity of **650,000 population equivalent**.

IRD's Role

Performing the **duties of the Engineer according to FIDIC Conditions of Contract for Plant and Design-Build, First Edition 1999 (Yellow Book)** and undertaking the approval of the Contractor's designs. Issuing variations and reporting and assessing the claims from Contractors. **Procurement support. Capacity building of water utilities.**

Value of Services: Cca. €4 Million
Total Investment: Cca. €200 Million



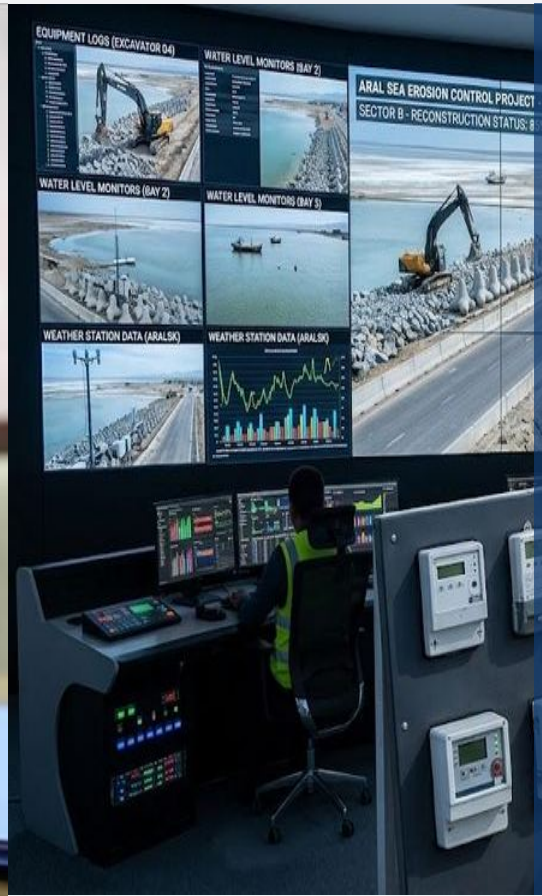


IRD ENGINEERING

Climate-Smart Water Management Improvement Project

Uzbekistan





Project Description

The project aims to improve water security, climate resilience, operational efficiency and access to safe and reliable water supply in Uzbekistan through the **modernization and digital transformation of the national water utility system.**

IRD's Role

Introducing smart water management through GIS platforms, digital modelling and **advanced asset management tools**. Installing bulk metering and telemetry systems for real-time monitoring of water flows across several regions. Developing a nationwide **asset inventory** covering tens of thousands of kilometres of water and wastewater networks and millions of customer connections. **IT systems integration** to improve decision-making and operational performance. Strengthening institutions and building capacity

Value of Services: Cca. €4 Million

IRD ENGINEERING

Supervision of Works for Subotica Wastewater Plant

Serbia

Project Description

Upgrading of the wastewater treatment plant, increasing its hydraulic and biological capacity and adjusting its treatment process to **36,000 m³/day**, which covers the treatment load of **150,000 population equivalent** and includes 8,000 m³/day for industrial wastewater and 4,300 m³/day for groundwater inflow.

IRD's Role

Procurement support following European Union procedures. Supervision of the contractor in all aspects of fulfilment of its obligations, responsibilities and undertakings. **Site supervision** services on behalf of the Contracting Authority, performing the **functions of the "Engineer" under FIDIC Yellow Book.**

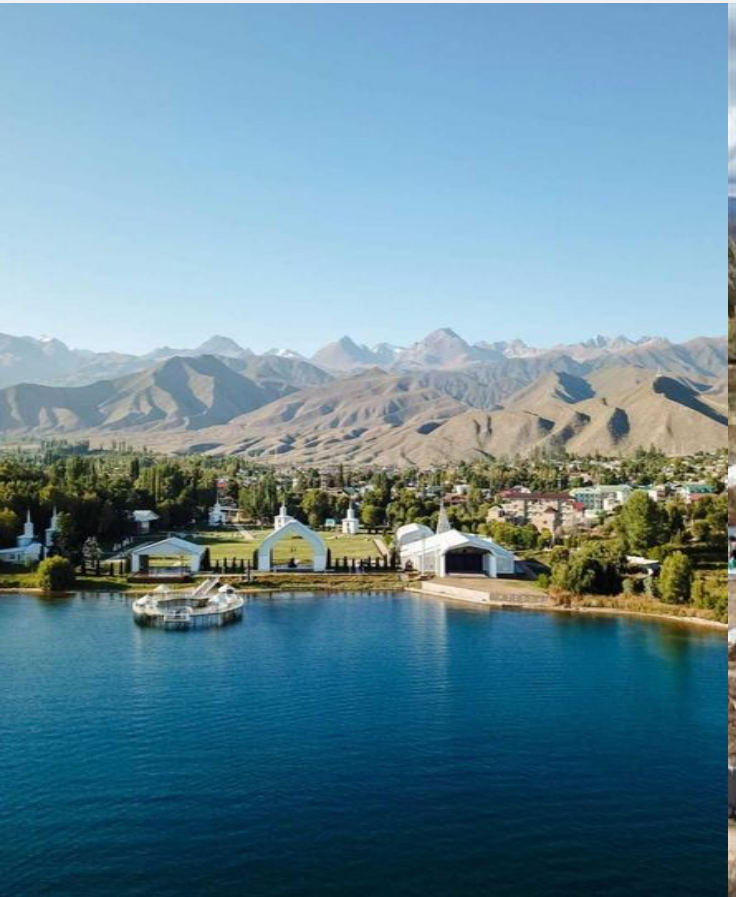
Value of Services: Cca. €1.1 Million
Total Investment: Cca. €15 Million



IRD ENGINEERING

Issyk-Kul Environmental Management and Sustainable Tourism Development Project

Kyrgyzstan





Project Description

Project management services for a large-scale environmental and tourism development initiative around Lake Issyk-Kul, aimed at improving wastewater management, protecting natural assets, and enhancing sustainable tourism infrastructure. Key infrastructure components include a new Wastewater Treatment Plant, pumping stations, collector sewers, and residential sewerage networks.

IRD's Role

Ensuring the effective planning and delivery of all project components. Procurement support. Overseeing contracting and construction supervision, and providing project management, financial advisory, and environmental, social, health and safety monitoring. Training and capacity building.

Value of Services: Cca. € 3.1 Million

IRD ENGINEERING

Project Implementation Support – Water Supply Energy Efficiency Project

Uzbekistan

Project Description

The assignment is financed by the **EBRD** and aimed at **enhancing the efficiency of the regional irrigation water conveyancing systems,** crucial for regions dependent on irrigated agriculture. More specifically, the loan targets the **supply and installation of pump units and auxiliary equipment** and the reconstruction of related buildings and external networks.

IRD's Role

Project implementation support services focusing on **assistance to the PIU on organizational matters, procurement, tendering and contract implementation, assistance with compliance and reporting obligations under the financing documents** as well as environmental and social implementation support in accordance with EBRD's Procurement Policies and Rules.

Value of Services: Cca. €3.4 Million
Total Investment: Cca. €220 Million





IRD ENGINEERING



TECHNICAL ASSISTANCE AND CAPACITY BUILDING SERVICES

IRD ENGINEERING

Support for Road Sector Reform and Road Safety Strategy

Albania







Project Description

EU-funded project aimed at assisting the Ministry of Infrastructure and Energy and the Albanian Road Authority in the elaboration of a new **Road Safety Strategy and Action Plan up to 2030**, at strengthening the capacity of the users of the **Road Asset Management System** and **Road Traffic Monitoring and Control System**, and at preparing a masterplan for the **financing mechanisms for the maintenance of the road network.**

IRD's Role

Support the **institutional reform process and internal restructuring of the Albanian Road Authority** in a bid to make it a more efficient, professional, and transparent organization for managing road assets, traffic and road safety. This process will include a revision of the supply and demand management processes, as well as assistance in their embedment into the relevant legislation, regulations, procedures, and overall organizational structure.

Value of Services: Cca. €2.2 Million

Support in Implementation of Service Level Agreements and Performance-Based Road Maintenance Contracts

Serbia

Project Description

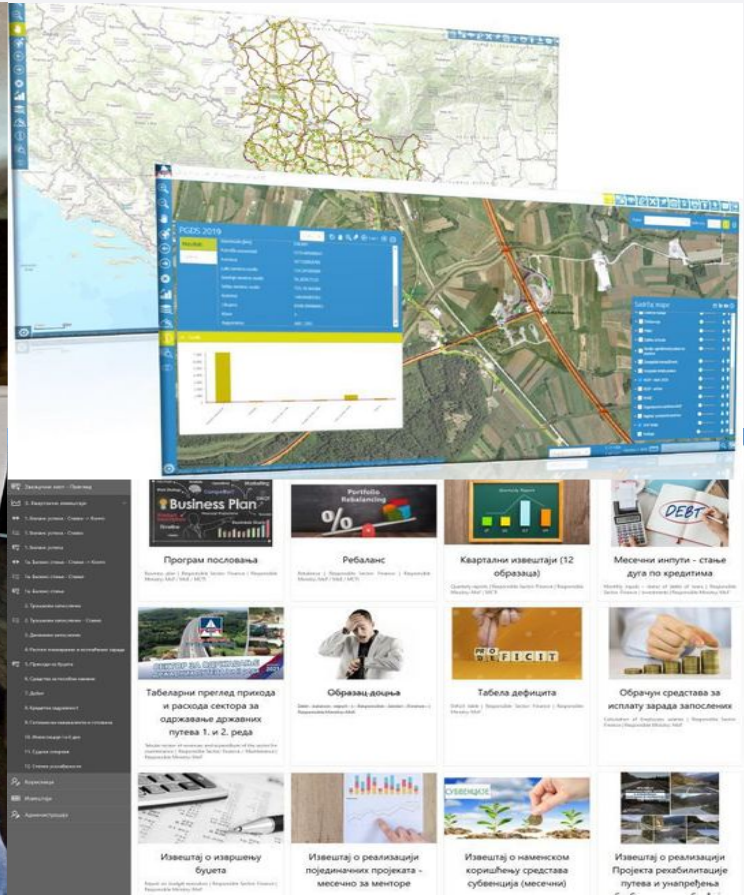
The project delivers consulting services to enhance **road maintenance management** in Serbia by improving resource efficiency, **reducing maintenance backlog, digitalizing operations**, and **strengthening stakeholder capacity** through advanced planning, reporting, and **asset management systems.**

IRD's Role

To provide technical assistance to the Public Enterprise "Roads of Serbia" **by developing methodologies, advanced reporting systems, digitalizing operations**, preparing technical specifications and SLA and PBMC, improving **Road Asset Management System (RAMS),** and enhancing stakeholder capacity through ad-hoc trainings, workshops and study tours.

Value of Services: Cca. € 3 Million





IRD ENGINEERING

Technical Assistance to the African Road Safety Observatory

Regional (Africa)



SAFER AFRICA

African-European Dialogue Platform on Road Safety



Project Description

This project supports the establishment and operationalization of the **African Union African Regional Observatory for Road Safety**, aiming to enhance **road safety** across Africa through **institutional development, improved data quality and capacity building**. It promotes data-driven policies and collaboration among AU Member States and partners to reduce traffic fatalities and enhance mobility safety.

IRD's Role

IRD, as the ARSO Secretariat, provides comprehensive technical assistance including **institutional development, visibility and outreach, data management, policy formulation, capacity building**, and high-level coordination to ensure ARSO's effective operation and strategic growth aligned with AU goals.

Value of Services: Cca. €4 Million

Road Maintenance Strategy and Guideline – Strengthening Road Maintenance Practices

Georgia

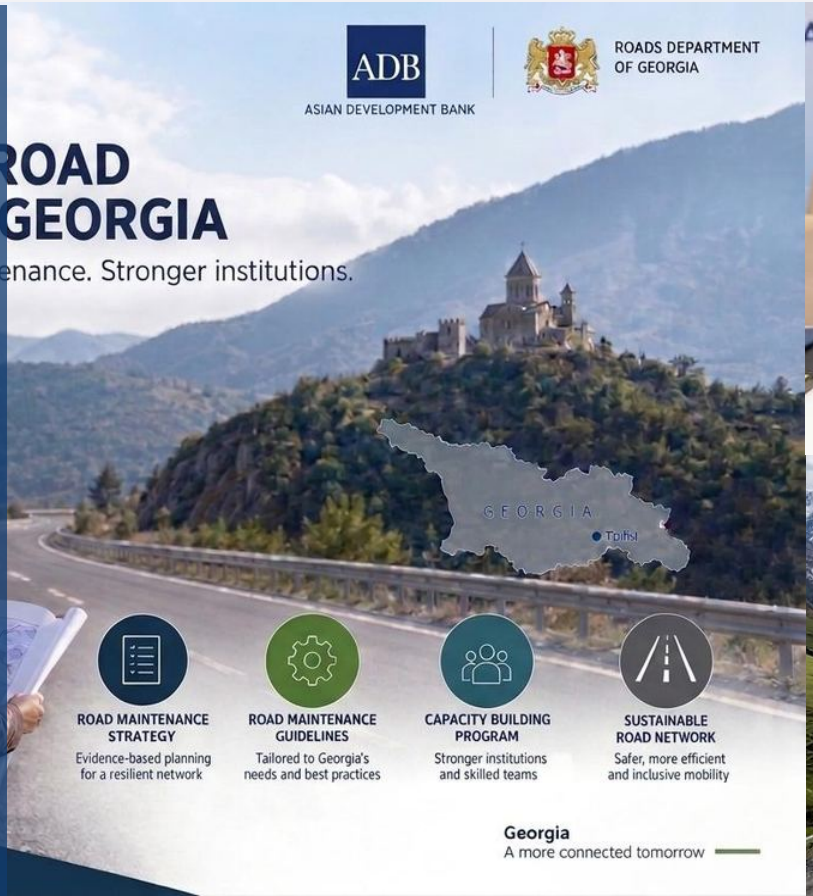
Project Description

The purpose of this assignment is to **enhance the performance of the Roads Department** in carrying out road management and maintenance activities. This will be preceded by an **assessment of the current road maintenance practices applied in Georgia**, and the identification of any gaps that need to be addressed in the strategy and guideline.

IRD's Role

Assistance in the preparation of a **Road Maintenance Strategy, Road Maintenance Guidelines, and a comprehensive Capacity Building Program** aimed at enhancing road asset management, maintenance planning, financing mechanisms, and institutional performance.

Value of Services: Cca. €725,000







IRD ENGINEERING

Consultant Services for Improvement of Road Management Practices

Uzbekistan







Project Description

The assignment is financed by the World Bank within the Loan Agreement «Regional Roads Development Project», which envisages undertaking priority road sector institutional strengthening activities, among others.

IRD's Role

Technical assistance to the State Committee for Automobile Roads for the preparation of a **sustainable program for regional road asset management**, the modernisation of road survey technology and management tools, and the implementation of an **overall training and capacity development package in road management and maintenance activities.**

Value of Services: Cca. €2 Million

IRD ENGINEERING



BUILDING AND ARCHITECTURE

IRD ENGINEERING

Design Services for the Rehabilitation of Training Venues for the 2030 Mediterranean Games

Kosovo







Project Description

Architectural and engineering designs for the transformation of the University of Prishtina Student Complex into an international-standard Athletes' Village. This will encompass the rehabilitation of 14 existing buildings, construction of new dormitory facilities and a semi-Olympic swimming pool, modernization of a Sports Hall and the rehabilitation of 12 school-based sports halls designated as Training Venues.

IRD's Role

Multidisciplinary design expertise, including structural and building systems design and technical coordination. Design services with an emphasis on sustainability and high energy-efficiency standards.

Value of Services: Cca. € 0.5 Million

Total Investment: Cca. €60 Million

IRD ENGINEERING

Project Implementation Support to the Syunik Customs and Logistics Centre

Armenia

Project Description

The project concerns the **development of the Syunik Customs and Logistics Centre** that will be equipped with modern customs infrastructure, aiming to increase customs-processing capacity and improve the efficiency and transparency of customs operations, contributing to improved trade efficiency, transparency, and regional connectivity.

IRD's Role

Project Implementation Unit (PIU) support, covering a wide range of activities essential for the successful delivery of the project, including **procurement and contract management** and **supervision of works** acting as Engineer under FIDIC Conditions of Contract for Plant and Design-Build (**FIDIC Yellow Book).**

Value of Services: Cca. € 1.3 Million



Design and Supervision of Construction of Regional Offices of the Food and Veterinary Agency

Kosovo





Project Description

The purpose of the project is to strengthen the infrastructure of the Regional Offices of the Kosovo Food and Veterinary Agency by providing services in the preparation of the preliminary and detailed design, tender documents and supervision of the construction works of **five new Office Buildings located in Prishtina, Prizren, Mitrovica, Gjilan and Peja.**

IRD's Role

Preparation of the design, at both concept level and detailed level, and of the complete Tender Dossiers in accordance with EU PRAG. Technical assistance during the evaluation of the tenders for works. Supervision of the construction works.

Value of Services: Cca. € 0.3 Million

IRD ENGINEERING

Framework Contract for Engineering and Architectural Services of INAIL Real Estate Assets

Italy

Project Description

As one of Italy's largest public institutional property owners, the National Institute for Insurance against Accidents at Work (INAIL) utilizes its real estate assets both to cover its technical insurance reserves and to advance socio-economic mandates. **This contract encompasses a broad range of engineering and architectural services aimed at maintaining, renovating, and improving the functionality and safety of several civil buildings in Rome.**

IRD's Role

Preparation of **designs, supervision of works**, coordination of safety during both the design and execution phases, and related technical investigations such as surveys and feasibility studies.

Value of Services: Cca. € 1.2 Million







IRD ENGINEERING



DEFENCE AND SECURITY INFRASTRUCTURE

IRD ENGINEERING

Works Supervision of Military Assets in Kabul City

Afghanistan

Project Description

Works Supervision for numerous compounds at **Hamid Karzai International Airport** and the Sardar Mohammad Dawood Khan Hospital Complex.

IRD's Role

Carrying out the Works Supervision for Quality Assurance including the update of as-built documentation in Building Information Modeling up to **LOD 400 and 500** for several objectives within the project.

Supervision of works and project management support.

Value of Services: Cca.€6.5 Million
Total Investment: Cca.€120 Million









IRD ENGINEERING

Design of the Light Utility Helicopter Flight School at Viterbo Military Airport

Italy



Project Description

Call-off under the GENIODIFE Framework Agreement. Engineering services to the Ministry of Defence for the **construction of the new Light Utility Helicopter Flight School and the modernisation and renewal of classrooms, laboratories and the building for 350 Non-Commissioned Officer students at the "Tommaso Fabbri" barracks, Viterbo Airport.** The design covers the accommodation buildings for military personnel, the hangar of the Italian Army Special Operations Helicopter Regiment, and the flight line apron.

IRD's Role

Preliminary investigations, **definitive and executive BIM design** (architectural, structural and MEP) and safety and coordination plan.

Value of Services: Cca. €4.8 Million
Total Investment: Cca. €149 Million

Engineering and Architecture Services for the New Main Operating Base of the Sigonella Military Airport

Italy

Project Description

The Naval Air Station (NAS) Sigonella is a US Navy air station hosted at an Italian base in Lentini, Sicily, Italy. It serves as an Italian base for the 41º Stormo Antisom. It is located 15 kilometres west and 11 km south of the city of Catania, and some 40 km (25 mi) south of Mount Etna.

IRD's Role

IRD carried out the **detailed design related to all the aspects (Civil, Structural, Systems, etc.) in BIM LOD 350-400 and the supervision of the works for the entire duration of the construction, and further assistance with the static and technical-administrative testing.**

Value of Services: Cca. € 4.3 Million
Total Investment: Cca. € 82 Million













IRD ENGINEERING

Design Framework Agreement for the Modernization of Infrastructure of the Ministry of Defence

Italy





Project Description

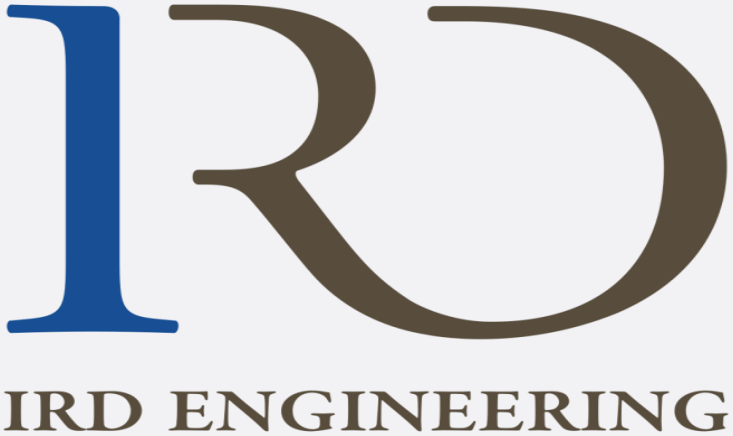
Framework Contract with the Ministry of Defence – General Secretariat of Defence and Management National Armaments – Directorate of Works and State Property (GENIODIFE), for the provision of engineering services for the **upgrading and modernization of the infrastructure of the Ministry of Defence – Lot 3, for the following interventions: barracks, flight school, including teaching rooms, laboratories, student and marshals building, logistics areas, and the modernization of an Air Force Academy**.

IRD's Role

Definitive and executive technical-economic feasibility design, safety and coordination plan, assessments, surveys, geological investigations, etc., for the upgrading and modernization of the infrastructure of the Ministry of Defence

Value of Services: Cca. €20 Million

Total Investment: Cca. €690 Million



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