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InTr Consulting

Consulting and Recruiting Firm



AN INTRODUCTION TO THE FIRM

WHO WE ARE

- **INTR CONSULTING SRL** is an Engineering Company set up in Rome in 1987.
- **INTR CONSULTING SRL** is present in Italy and abroad, providing a wide range of interrelated services in the rail industry, particularly: recruitment of skilled experts; and project management, including technical assistance on:
 - preliminary and feasibility studies;
 - EIA (Environmental Impact Assessment);
 - study and design of both high-speed and standard rail systems, passengers and freight stations, as well as tramways and underground lines, etc.;
 - conceptual, preliminary and detailed design;
 - providing specifications and preparing of BoQ (Bill of Quantities);
 - fundraising;
 - supervision of works;
 - tendering process.
- **INTR CONSULTING SRL** is present, in Italy and abroad, on recruitment, scouting, marketing, technical assistance, studies and design of transport systems, conventional and high speed railways line, railways passengers and freight stations, tramways and underground line, as well as on many complementary sectors.
- **INTR CONSULTING SRL** offers a complete range of Technical assistance on all engineering fields.



Our Values:

- To be on of the best engineering consultancy and recruiting firm worldwide;
- To be the company where every professionals wants to work;
- To be the best: most innovative, most exciting and with the best technical and financial performance;
- Client focus: we value entrepreneurial, innovative and client-orientated behavior.

Our Vision:

- ***Accountability:*** we are each personally accountable and jointly responsible for the success of INTR and for the delivery of quality work to our clients;
- ***Transparency:*** we expect to apply the highest level of ethical behavior and personal integrity in all our transactions;
- ***Empowerment:*** we will help all our people to fully realize their potential;
- ***Collaboration:*** we are one global organization. We believe in the principles of partnership, respect for each and every individual and mutual support across the world.



ORGANISATIONAL CHART:



InTr Consulting

Consulting and Recruiting Firm

MANAGING DIRECTOR
L. M. Guijo Ramirez

ADMINISTRATION
Rome – Viale Liegi, 42

GENERAL MANAGER
Sergio Capitanio
Rome -Via Vanni Biringucci, 55c

**ROSTER
INTERNATIONAL
EXPERTS**

**TECHNICAL AND COMMERCIAL
ASSISTANCE
FOR INTERNATIONALISATION**

**PROJECT AND CONTRACT
MANAGEMENT**

**PROCUREMENT
&
RECRUITMENT**

RAILWAY CONSULTING

TENDER OFFICE

Our Leading Management Experts:

Mr. Sergio Capitanio



He is a transport engineer with wide experience in the field of technical-economic and environmental feasibility studies, planning, design of transport systems and tender documents (as per FIDIC Conditions) as well as management of important railway studies for structural rehabilitation and improvement of lines.

He is experienced in development, processing and coordination of single sub-projects for the various sectors:

- station plans (track equipment device design);
- interference with service and functional phases;
- specialized engineering (roadway; engineering structures; geology; buildings);
- environmental impact;
- technological systems (signalling, power supply, electric traction).

On behalf of the Italian State Railways (FS), he has taken part in Italy and abroad to Work Teams in charge of studying problems concerning the development of bound-driving transport systems.

Oswaldo Murano

Oswaldo is a Civil Engineer with over 23 years of experience in the Civil Engineering, for 20 of which he has worked for international projects.

He has specialised in road and transport engineering, but has experience in a wide range of sectors: from Electrical Manufacturing to Sales & Marketing. He has gained great experience in the preparation of:

- pre-qualification dossiers, EoI;
- financial and technical proposals, as well as work plans (in which he has focused in his last 10 years' work).

He also has experience in promoting the private sector development and foreign investment; reviewing and conceptualizing operational frameworks; assessing operating businesses plans. Norway, Sweden, India, Thailand, Uganda, Senegal are only a few of the countries where he worked.

Now, he is the international business manager for INTR Consulting providing assistance to Italian engineering consultancy firms willing to expand their business abroad.



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Our Leading Management Experts:



Francesco Faustini

He has more than 17 years of experience in civil engineering, focused on railway lines. During his career, he has gained intensive experience with supervision, design, technical assistance and design review of precast structures, pre-stressed concrete structures, bridges and viaducts.

He took part in supervision projects managing the supervision of underground structures as bored tunnels in urban environment, with TBM methodology or traditional such as the ADECO-RS (Italian) or NATM (Austrian). He has also experience with the “drill and blast” excavation method.

Moreover he has also good experience in geotechnical issues related to embankments and cuts. Good knowledge of test on materials as cement, concrete, steel rebar, soils, etc.

As Certified Project Manager (ISIPM® - ISO 21500 complying) he implements best practices as: Project Charter, Project Plan, the 5 project management Processes, Risk Analysis, WBS and Cost Management through Earned Value (B.C.W.P.) analysis.

Grown in the bosom of the Italian National Railways Company, he took part in relevant projects, in Italy and abroad, familiarizing with track design, railway operation and signalling technologies.

As Railway Infrastructure Designer he took part in projects for rehabilitation of old lines and functional analysis of station plans: he well manages alignment parameters.

International working experience in : Uzbekistan, Colombia, Venezuela, Switzerland, Syria, Ghana, China, Algeria.

Familiar with project engineering and consultant’s coordination, project management, liaison with third parties and stakeholders, he developed a significant experience in working with a multinational and multicultural team of professionals on international project as Team Leader.

Pro-active, goal-oriented, provided with excellent organizational skill and solid problem solving capacity to meet project deadlines.



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Our Leading Management Experts:

Armando Bonaccorsi

His work experience has been entirely developed in the Railway field, mainly, in the railway Project management activities (study, design and construction), above all abroad.

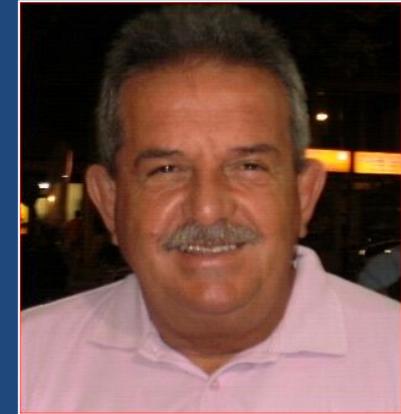
- Railway Project Management of Multidisciplinary Projects, with signalling, Remote Control System and electrification;
- Railway Operation Management;
- Railway Network Management;
- Railway Requirements (Safety and Transport Capacity)

More than 33 years experience in the Railway Transport field;

Strong experience in Operation, Safety and Railway Transport policy both at Ministerial and transport operational level;

Very good transport management and investment planning experience both in national and private railway company (concession agreement);

Strong international project management experience in Africa, Mediterranean, Asian and Latin American countries.



Tommaso Capitano

He is an architect with wide experience in buildings serving transports infrastructures (stations, etc.), in environmental impacts, Rendering, 2d-3d drawings and graphics works.

He is experienced in development and processing of Competitive Bidding, Schematic, Detailed and Final Design particularly in:

- Railways Stations Buildings
- preparation of Environmental Impact Assessment;
- Green Works ;
- Measures to mitigate the Environmental Impacts.



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Project Management

Railway Project Management

Studies, Design, Supervision of Works and Procurement



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Rail Project Management

Studies, Design, Supervision of Works and Procurement

- **The Company can assist** in the implementation of a wide range of projects, from pre-identification of project ideas to fully-fledged pre-investment sectoral studies and master plans, and to detailed and final engineering of the most complex projects. The staff have long-term experience in developing project ideas and preparing project assessments for presentation to national and international funding agencies. The Company conducted a number of studies ranging from railway construction/rehabilitation and railway civil engineering projects.
- **The company has expertise** in project management, in organizing, planning and carrying-out project activities. It also has experience in the supervision of works, whether conducted by expatriate and local teams of experts or local enterprises.

We also have long practice in preparing tender documents following the standards of most major donors. Bidding, tender, acceptance and procurement procedures consistent with international donor agency policies are followed for the procurement of materials/equipment and for the construction of civil works and implementation engineering services.

- **INTR's staff** provide Management's Services for railway studies, design and construction projects, paying the maximum attention to the key milestones as better explained on the next page.

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Main Projects Management

Statement Of Work (SOW)

Scope

On the base of Terms of reference the details of the scope will be identified and will be described the work that will be done.

Deliverables of the Project

Will be identified a list of the deliverables to be produced by the project. Will be described each deliverable in an unambiguous manner that is understood by the team member responsible for it.

Project assumptions and risks

There might be a number of unknown issues while is planning the project. For such issues will be need to make assumptions, which constitute a risk. Typical project risks are associated with timeframes, and availability of resources (funding, project team members, supplies, etc). Detail the identified risks in your project and include contingency plans for each risk.

Stakeholders

A list of all the stakeholders identified so far in the project, with the detail roles of each stakeholder, including the approval of SOW.



Main Projects Management

Project Lifecycle Identification

The Initiation Phase

is the first phase in the project. Once the SOW has been approved, the Project Manager will be appointed and with him will be recruited the project team and established a Project Office environment. Project Planning The project enters in the detailed planning phase.

This involves the creation of a:

- ✓ Project Plan (outlining the activities, tasks, dependencies and timeframes)
- ✓ Resource Plan (listing the labor, equipment and materials required)
- ✓ Financial Plan (identifying the labor, equipment and materials costs)
- ✓ Quality Plan (providing quality targets, assurance and control measures)
- ✓ Risk Plan (highlighting potential risks and actions taken to mitigate them)
- ✓ Acceptance Plan (listing the criteria to be met to gain customer acceptance)
- ✓ Communications Plan (listing the information needed to inform stakeholders)
- ✓ Procurement Plan (identifying products to be sourced from external suppliers).

(After the Planning approval by Stakeholders, the project is ready to be executed.)



Project Execution

This phase involves the execution of each activity and task listed in the Project Plan. While the activities and tasks are being executed, a series of management processes are undertaken to monitor and control the deliverables being output by the project. This includes the identification of changes, risks and issues, the review of deliverable quality and the measurement of each deliverable being produced against the acceptance criteria. Once all of the deliverables have been produced and the customer has accepted the final solution, the project is ready for closure.

Project Closure and Defect liability Period (DLP)

To releasing the final deliverables to the customer, handing over project documentation, terminating supplier contracts, releasing project resources and communicating the closure of the project to all stakeholders.



General Planning

INTR CONSULTING SRL offers a complete range of Technical assistance on all engineering fields, that include:

- Recruiting of the best possible candidate for your role;
- Scouting & Marketing of engineering opportunity world wide;
- Project Management of important railways project;
- Transport systems development Plans and traffic studies;
- Preliminary studies and technical-economic feasibility;
- Preliminary, definitive and executive design;
- Bill of quantities, costs evaluation and Technical Specifications;
- Tender documents under FIDIC rules;
- Technical Assistance on infrastructures work supervision.

INTR's main fields of activity are:

- Project Management;
- Transport System;
- Railway design and Work Supervision;
- Road/Highway Design and Work Supervision;
- Procurement and Marketing



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Rail Transport

Our activities range from planning to **design, building and maintenance of the rail infrastructure** in order to ensure maximum **safety. Careful attention** is paid to the specific conditions of countries with tropical and sub-tropical climates. Individual projects are implemented through a combination of long/short term overseas visits and home-based research. For international projects we usually work closely with local partners so as to exploit the skills of either local candidates or ours, depending on the case.

Here are only some of the services we provide for Railways Projects:

- Pre-feasibility/feasibility studies
- Railway Management System
- Ensuring conformity with safety standards
- Preliminary and detailed design (railway construction, upgrading and rehabilitation)
- Design of stations, passengers and goods facilities (workshops, depots, etc.)
- Study and design of advanced signaling technologies (Remote Control System, ERTMS, ETCS)
- Help with tenders and production of winning tender documents
- Supervision and monitoring of works
- Technical assistance and training



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Our International Projects



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Our International Rail Project



- **INTR** follows and recruits skilled personnel for international rail projects, from the doubling/upgrading of existing rail lines to the construction of new ones.
- Our staff has long-standing experience in **developing project ideas** and preparing project assessments for presentation to national and international funding agencies.
- We provide support to **all project phases**, from the conceptual idea to accurate pre-investment studies, from master plans to detailed and final engineering design. **First of all, geopolitical, anthropological, as well as cultural and socio-economic aspects of the country are all taken into consideration.**
- **Countries of work experience :**
- **Italy, Bolivia, Costa Rica, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Nicaragua, Panama, St. Lucia, Venezuela, Colombia, Algeria, Angola, Benin, Botswana, Burkina Faso, Comoros, Djibouti, Egypt, Lesotho. Libya, Guinea B, Guinea C., Guinea Eq., Malawi, Mauritania, Mali, Morocco, Mozambique, Niger, Nigeria, R.C.A., Senegal, Somalia, Tanzania. Togo, Tunisia, Rwanda, Gambia, Sierra Leone, India, Indonesia, Myanmar, Nepal, Philippines, Thailand, Turkey, Vanuatu, Armenia, Georgia, Syria, Iran.**

Our latest main Projects

Rehabilitation of the infrastructures of railway s line Yerevan – Tbilisi and Azerbaijan border – Tbilisi – Poti/Batuni (Georgia-Armenia):

Preliminary study for the rehabilitation of the main railway line in Georgia and Armenia for a total of 850 km.

Project Management.

Client: European Commission TACIS Programm.

Origin of Founding: Funding European Development (FED)

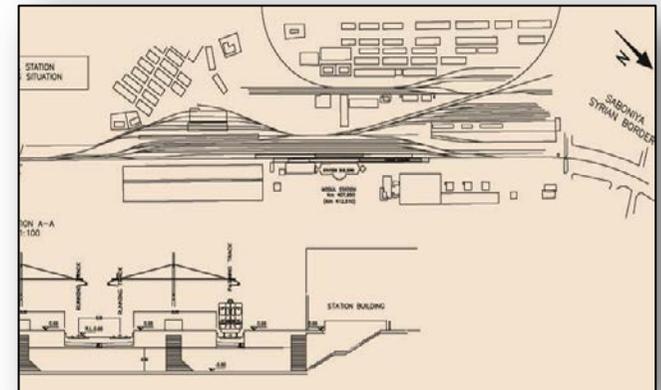


New railway line between Kirkuk and Sulimaniyah (Iraq):

Preliminary and Executive design for the new High Speed railway. Geological and Hydraulic study and design of the railway buildings.

Client: Iraqi Republic Railways

Origin of Founding: Funding European Development (FED)



Doubling of Railways line Al Kamishli Al Yaroubieh (Syria):

Executive design for the doubling of the railways line (about 110 km) including the check of the Preliminary design and study of the Custom stations

Client: CFS – Syrian Railway

Origin of Founding: Syrian Government



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Our latest main Projects

Upgrading and Doubling of Railways line Aleppo – Midan Ekbas – Turkish border (Syria):

Preliminary and executive design for the upgrading and doubling with variants of existing railway line (110 km), including border station.

Client: CFS – Syrian Railway

Origin of Founding: Syrian Government

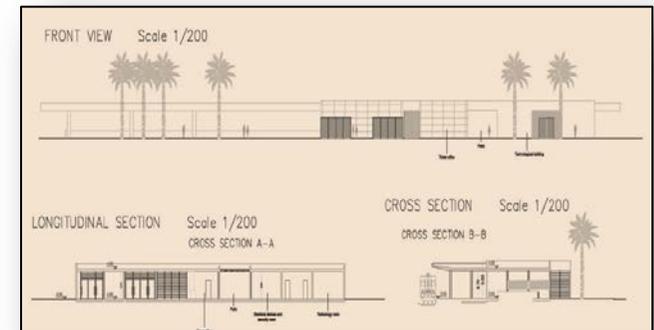


Upgrading and Doubling of the railway line Hammam Alil – Mosul – Sabonyah (Iraq):

Preliminary design for the rehabilitation and doubling of the existing line, including the maintenance of the station of Mosul.

Client: Iraqi Republic Railways (IRR)

Funding body: Iraqi Republic



New local railway line Milan-Asso (Italy) :

Executive and detailed design of the Affori track section and station, including passengers' facilities, as well as relevant parking areas and roads.

Client: La FIGARA Costruzioni Spa

Funding body: FNM Ferrovie nord Milano



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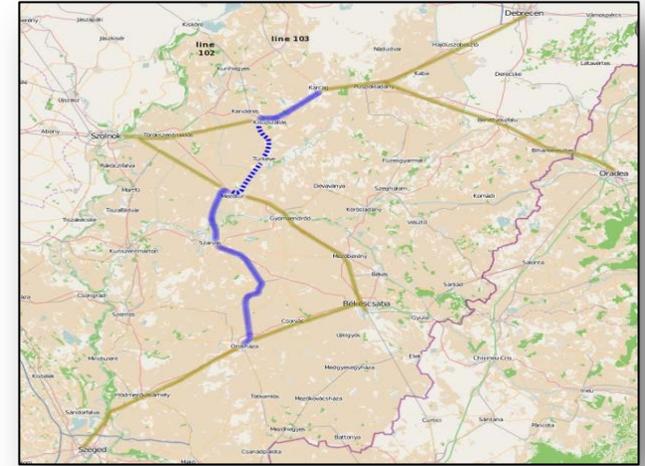
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Our latest main Projects

Improvement of the railway line Mezőtúr – Gyoma (Hungary):

Preparation of tender documents for the **track section** Mezotur-Gyoma (PanEuropean Corridor IV), **executive design**, technical assistance for the preparation of the detailed design and of the Tender Documents according to FIDIC Conditions.

Client: MAV Hungarian Railways



Upgrading of the **regional and secondary** railway lines (both lines given in concession **in compliance with** Italian law 910/86) – (Italy) :

Technical assistance on the rehabilitation and upgrading of all the secondary Italian railway lines.

Client : Consortium Ferconsult



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Overview of Proposed Key Experts

Details of Professional Staff and their field of expertise – railway sector



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S. No.	Name of Staff	Field of Expertise	Qualification	Years of Experience	Language
5.	Sergio CAPITANIO	Project Manager/Tracks Engineer	Mr. S. Capitanio is a railway engineer with wide experience in the field of technical-economic and environmental feasibility studies, planning, design of transport systems and tender documents (as per FIDIC Conditions) as well as management of important railway studies for structural rehabilitation and improvement of lines <u>Education Qualification:</u> Degree in Civil Engineering (Ph.Dr. Equivalent)	34 Years	Italian English French
6.	Armando BONACCORSI	Project Manager/Operation Expert	His work experience has been entirely Developed in the Railway field, mainly, in the railway Project management. Activities (study, design and construction),above all abroad. <u>Education Qualification:</u> Degree in Civil Engineering – Transports (Ph.Dr. Equivalent)	34 Years	Italian English French Spanish
7.	Francesco PATRIGNANI	Railway Signalling, Safety & Telecommunication Expert	Electronic Engineer with more twenty years of experience. Expert on Feasibility Studies on Signaling and Telecommunication <u>Education Qualification:</u> Degree in Electronic Systems Engineering	41 Years	Italian English French Russian
8.	Giovanni BONORA	System & Organisation Expert	Expert in railway operation and safety-managing in Rolling-stock maintenance – consultant in programs of the Italian Ministry of Foreign Affair <u>Education Qualification:</u> Degree in Electrotecnic Engineering	31 Years	Italian English French



	Name of Staff	Field of Expertise	Qualification	Years of Experience	Language
1.	Vincenzo MORELLI	Project Manager/ Railway Electrification Specialist	<p>M. Morelli is a expert in railway with other 30 year of experience in Reallocation of Overhead contact Lines and other railways services under exploitation, electric traction system certification, organization and direction of the methodology and operations for the charging of electric traction, system tests execution.</p> <p><u>Education Qualification:</u> La Sapienza University of Rome, Electrical Engineering Degree – 1975</p>	31 Years	Italian English French
2.	Amar AOUATI	Railway Signalling, Safety & Telecommunication	<p>Amar Aouati is an independent Railway Signalling & Telecom Consultant and Safety & Interoperability Advisor. He mainly works on specific assignments and provides consultancy services & advices to Infrastructure Managers, Railway Undertakings, Railway Industry, and Engineering & Consulting companies, and undertakes, on behalf of Railway Notified Bodies and ISA (Independent safety Assessor), Safety & Interoperability Assessment related tasks (Review, audit, evaluation, assessment).</p> <p><u>Education Qualification:</u> Electrical Engineering Degree /Degree in Civil Engineering</p>	19 Years	French English Arabic German
3.	Tommaso CAPITANIO	Architect / Station Designer	<p>Mr. T. Capitanio is an Architect with wide experience in the field of stations architectural design and of Landscape design to mitigate and compensate the impact of infrastructures. He has an experience of about 7 years in Italy and abroad in feasibility, preliminary and detail designs.</p> <p><u>Education Qualification:</u> Degree in Architecture (Civil Engineering)</p>	8 Years	Italian English
4.	Domenico FREDUCCI	Surveyor – Railway Design Expert	<p>Mr. D. Freduccci is a Surveyor and designer with extensive experience in the definition and design of railway tracks and roads, in topographical surveying and tracking of such infrastructures.</p> <p><u>Education Qualification:</u> Surveying Engineer degree - in 1959</p>	41 Years	Italian English Spanish



S. No.	Name of Staff	Field of Expertise	Qualification	Years of Experience	Language
9.	Alessandro CORSICO	Railway Engineer/Signalling and railway safety systems	Mr. A.Corsico is a railway /signaling expert with more than 20 years of experience in Engineer of signaling systems, certification systems (interlocking, automatic block). Ability to prepare a project from the data base; capacity of the technical assessment and commissioning of equipment for railway safety <u>Education Qualification:</u> High school expert in electronics and telecommunications- 1989	21 years	Italian English French
10.	Mauro FINOCCHI	Railway Engineer/ Rolling Stock Expert	Mr. Finocchi spent over 20 years in the Rolling Stock Division of the Italian State Railways where his responsibilities ranged from organization, design and preparation of technical specifications of new rolling stock and maintenance operations and plants; operation planning; operation and testing of prototype trainsets and locomotives supply management. <u>Education Qualification:</u> M.S. (equivalent) Mechanical Engineering (Transport) University of Pisa, Italy-1977	21 Years	Italian English French Spanish
11.	Valerio TALLO	Railway Technologies Specialist	Mr. Valerio Tallo spent over 20 year in railway technologies and in Italy and other country. <u>Education Qualification:</u> Degree of Qualified Electro-technical industrial technician	21 years	Italian English French
12.	Giovanni BALDAZZI	Railway Operation Expert	Mr. G. Baldazzi has more 30 years of experience in:Railway Operation Systems;Studies and programming of railway new plants, station plans and safety/signalling installations;Coordination/ management of feasibility studies of new international railway lines;International activities of FS Company in Infrastructure Sector mainly with UIC (Union Internationale des Chemins de Fer);Conformity control on operational and safety aspects of international railway projects. <u>Education Qualification:</u> Degree (MSc level) in Civil Engineering – Transport Sector	31 years	Italian English French



S. No.	Name of Staff	Field of Expertise	Qualification	Years of Experience	Language
13.	Diego D'ELIA	Rilway System Engineer Expert	Mr. D'Elia has gained a wide experience in project design of Transport Systems, especially in operation design. <u>Education Qualification:</u> Ph.D. (equivalent) in Civil Engineering – Transportation	21 Years	Italian English French
14.	Francesco LAZZARI	Signalling/Railway Engineer	Mr. Lazzari spent an experience as Responsible and coordinator of signaling equipment design, settlement railway circulation and industrial automation system. <u>Education Qualification:</u> Degree in electrical engineering – University of Padua (15th December 1970)	36 Years	Italian French
15.	Roberto GENTILI	Designer Station engineering	Mr. R. Gentili designer of raylways alignment route and passengers' and freights' lines and stations; designer of general regulator plane of large freights and inland terminals plants; designer of special and innovating systems and plants for railway and road freight transport and containers handling in the large inland terminals. Topographic surveys of railway lines and stations. <u>Education Qualification:</u> Degree of Qualified Electro-technical industrial technician	33 Years	Italian English Spanish French



PRINCIPAL CURRICULUM EXPERTS

Intr experts



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CURRICULUM VITAE

1. **Family name:** Capitanio
2. **First name:** Sergio
3. **Date of birth:** 11.09.1949
4. **Passport Holder :** Italian
5. **Residence:** Rome - Italy

6. Education:

Institution (date from- date to)	Degree(s) or diploma (s) obtained:
“La Sapienza” University of Rome – Italy (1974)	Degree in Civil Engineering - 5 yrs Ph.Dr Eq.
“La Sapienza” University of Rome – Italy (1974)	Engineer’s qualification
Technical Industrial Institute “Medici del Vascello” of Rome – Italy (1968)	Diploma in Land Surveying



7. Language skills: indicate competence on a scale of 1 to 5 (1- excellent, 5- basic)

Language	Reading	Speaking	Writing
Italian	1	1	1
English	1	2	1
Spanish	1	1	2

French and Portuguese: understanding of technical documents

- ▶ **8. Membership of professional bodies:** Italian Engineers Association
- ▶ Chartered Engineer, “Ordine degli Ingegneri” of Rome (Italy).
- ▶ **9. Other skills:** He has a wide experience in the modern computer systems for design, planning, control and management of projects.
- ▶ **10. Present position:** Project Manager and expert of Infrastructures



12. Key qualifications:

Mr. S. Capitanio is a Civil Engineer with more than 35 yrs of experience in infrastructures fields, technical economic and environmental feasibility studies, planning, design of transport systems and tender documents (as per FIDIC Conditions) as well as management of International Multidisciplinary Projects for doubling, rehabilitation and improvement of rail and road infrastructures including Technical assistance, GIS application and Training.

He has a vast experience on coordination of international teams, to develop complex project and transport planning abroad: Europe (Slovenia, Hungary, Romania, Bulgaria, Ukraine, Austria, France, Switzerland, Italy, etc..), Asia, Africa and South America.

Moreover he has specific expertise in development, processing and coordination of sub-projects, including border Stations, Interference structures, local roads, phases study, tender documents and technical specification.

Work experiences:

2012 - Tunisia - Charles Kendall - Consulting Ltd (UK) - Railway Expert:

Investigation and Audit about two tenders/projects developed by RFR- Réseau Ferroviarie Rapide – Tunisie. Investigation about tender procedure (procurement under FIDIC rules) and construction activities.

In particular has performed the following activities:

- audit of the tender procedure** for the international tender concerning the supply and realization of the railways “Systems” limited to the Rolling Stocks;
- audit of the tender procedure** for the international tender for the realization of a new Tunnel in Tunis;
- technical audit** about the construction performance of the winner JV for the Tunnel Saida-Mannoubia (under Tunis town) of about 300 mt; Fraud Investigation Division of the EIB-European Investment Bank

2007- ongoing - East Europe – Middle East – Central South Asia – Africa - Consulint Srl (I) and INTR Consulting Srl (I) - Proposal Manager:

Coordination and preparation of hundreds EoI and dozens of offers in the areas of design and construction management of roads, hydraulic infrastructure and building, in dozens of different countries and in the context of consortia with various companies; including the business activities connected with many of these countries.

2012 – Tanzania - Consulint Srl (I) - Infrastructures expert:

Consultancy Services for Design Review, pre-contracting services and Construction Supervision of the upgrading of Lot A Namtumbo Kalimesera road (60.7 kms).TANROADS_Ministry of Works

2011-2012 - Uganda - Consulint Srl (I) - Infrastructures expert:

Consultancy Services for Design Review and Construction Supervision of the upgrading from gravel to paved standard of Hoima Kaiso Tonya road (92 kms). UNRA-Uganda National Road Authority

2011-2012 - Tanzania - Consulint Srl (I) - Project Road – Coordinator:

Consultancy Services for feasibility study, preliminary EIA, detailed engineering design and preparation of tender documents for rehabilitation of the sections road Same-Himo-Marangu (93 Km) and Mombo-Lushoto (32 km). TANROADS_Ministry of Works



Work experiences:

Iraq – 2008/2009 - SARI Consulting Ltd (UK) & Muszer Automatika Kft (H) - Project Coordinator and Infrastructures Expert:

Preliminary Study and Detailed design of Kirkuk – Sulaimaniya New Railway line Project of about 119 km (including a new tunnel) setting for 200 km/h speed for passenger transport and 140 km/h one for freight transport, double track electrified, including design of roads and urban interferences (underway and overpass).

IRR Iraqi Railway

2008 – 2009 – Iraq - SARI Consulting Ltd (UK) & Muszer Automatika Kft (H) - Project Coordinator and Infrastructures Expert:

Feasibility Study and Preliminary design for the rehabilitation, doubling and upgrading of the existing railway section Hammam Alil – Mosul – Saboniya of about 55 kms (Iraq) including operation and maintenance analysis, as well as design of roads interferences (underway and overpass). Feasibility study and Preliminary design for the new railway variant Hammam Alil – Saboniya shunting the town of Mosul, including roads variants.

IRR Iraqi Railway

2008/20098 – Georgia/Armenia - Lattanzio & Associati SpA (I) – Project manager:

Planning of Rehabilitation of railways network of Georgia and Armenia (850 km) as well as feasibility study of the following main railway lines:

- Tbilisi – Azerbaijan border (Georgia);
- Tbilisi – Poti/Batumi on Black See (Georgia);
- Tbilisi – Yerevan (Georgia-Armenia);
- Yerevan Azerbaijan border (Armenia).

The rehabilitation studies regards:

- Infrastructures Database using GIS;
- Permanent way and tack;
- Bridges, Tunnels and minor structures;
- signaling, safety and telecommunication systems;
- Electrification system and relevant electric substation;
- Cost - benefits analysis. TACIS program – EuropeAid/125283/C/SER/Multi



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Work experiences:

2004/2006 – Hungay – Italferr S.p.a. - Project Manager and Railway systems expert:

Technical Assistance for the preparation of the detailed design and tender documents (FIDIC Conditions) for improvement the line section Mezotur- Gyoma (European Corridor IV) including:

- rehabilitation of existing line and related stations;
- completion of the doubling of the line;
- Rehabilitation of signaling (ERTMS second level), safety and telecommunication systems;
- risk analysis;
- Rehabilitation of contact electric line and relevant electric substations;
- Tender documents and technical specification. (MAV – Hungarian railways) EuropAid 116775/D/SV/HU

2004/2005 – Italferr Spa - Project Manager and Railway Track Expert:

Preliminary and final construction design and Tender Documents of the passenger and freight station of Damascus junction.(According to FIDIC Conditions) (Syrian Railways – Aleppo).

2003/2005 – Italferr Spa - Infrastructures expert:

Master Plan of all Iraqi transport systems (rail, road, air and water). The study includes:

- Thematic maps of transport networks;
- Traffic study of all transport systems;
- Analysis of existing situation;
- Preliminary cost benefits analysis;
- Preliminary environmental analysis;
- Networks development in different timing scenarios;
- Training.

Iraqi Government through CIITI - Consortium Anas – Enac – Enav – FS – Italferr – financed by Italian Government.

2003/2005 – Syria - Italferr Spa - Project Manager and Railway Track expert:

Preliminary and final construction design and Tender Documents of the new high speed railway line Damascus – Daraa- Jordan Border. (Syrian Railways – Aleppo).



Work experiences:

2002/2005 – Syria - Italferr Spa - Project Manager and Railway Track expert Preliminary Design of the new railway line DeirZoor – Palmyra – Sharkieh. (Syrian Railways – Aleppo).

2002/2005 – Syria - Italferr Spa - Project Manager and Railway Track expert Check of refurbishment of 99 Syrian coach made by an Iranian Company.(Syrian Railways – Aleppo).

2001/2003 – Syria - Italferr Spa - Project Manager and Railway Track expert Audit and revision of the Construction Design and Tender Documents of the new railway line Al Tabaieh – Al BookAmal – Iraq border

2001/2004 – Colombia - Italferr Spa - Project Manager and Railway Track expert Technical assistance for Revision of Final Construction Design, Tender Documents, supervision of Rehabilitation works, system setting up, organization of railway operation and training of staff. (Concesionaria de la Red del Pacifico – Bogotá, Colombia).

2001/2004 – Italy/Colombia - Italferr Spa - Railway expert Technical-economic Feasibility Study for the infrastructural and technological improvement of the “Ionica” railway line between Reggio Calabria and Metaponto (420 kms). (State Railways - FS SpA, Rome, Italy).

2000/2003 – Syria - Italferr Spa - Railway expert Preliminary and final Construction Design, as well as works management for the rolling stock depot and maintenance workshop of Aleppo. (Syrian Railways – Aleppo).

2000/2001 – Slovenia - Italferr Spa - Project Manager Technical assistance for a modernization of the signalling, safety systems SSD and relevant turnouts on the Divaca – Koper (50 Kms) railway line, within the FIDIC Condition. The study had also the objective to assess, the investment profitability and to draw up the tenders documents as well as the technical specifications. Slovenian Railways - UE funds PHARE programme SL_9904

1997/2000 – Italy/Gottardo - Italferr Spa - Project Manager Final Design for the APM (Automatic People Mover) system implementation, to be adopted between the new High Speed station of Florence and the one of S. Maria Novella. (High Speed Train - TAV SpA, Rome – Italy).

1997/1999 – Hungary, Romania and Bulgaria - Italferr Spa - Responsible for infrastructural aspects Technical-economic and environmental Feasibility Study and Preliminary Design for the new Venezia – Trieste – Ljubljana (230 Kms) High Speed railway line. (State Railways - FS SpA, Rome, Italy).



Work experiences:

1997 – Italy/Genova – Italferr Spa - Coordinator of infrastructural testing activities

Assessment and approval of the new Final Project, concerning Civil Works Track Works and Overhead Line, of the Milano – Genova (137 Kms) High Speed railway line section, including its connection to the railway junction of Genova.

(High Speed Train - TAV SpA, Rome, Italy).

1996 – Saudi Arabia – Italian Railways (FS SpA) - Project Manager, infrastructures expert

Technical-economic Feasibility Study for a new railway line (1.070 Kms), between Al Jalamid and the port of Al Jubail, intended for phosphates transport, including the measuring of the mineral loading/unloading terminals.

(Ministry of Petroleum and Mineral Resources – Saudi Arabia).

1995 – Italy/Salerno – Italian Railways (FS SpA) - Project Manager, infrastructures expert

Technical-economic Feasibility Study and Preliminary Design for the new Brennero Alpine Pass line. The study had the objective to assess the profitability of the railway link between Austria and Italy, in order to call the Investment European Bank (B.E.I.) for funds.

1993/1994 – Eritrea– Italian Railways (FS SpA) - Project Manager, infrastructures expert

Technical-economic Feasibility Study for the rehabilitation of the disused

Asmara – Massawa (118 Kms) railway line.- Italian Cooperation MAE

1991/1996 – Italy/Switzerland – Italian Railways (FS SpA) - Project Manager, infrastructures expert

Technical-economic and environmental Feasibility Study for the new Sempione and Gottardo Alpine Pass railway lines, intended for an improvement of the passenger and freight traffic along the main lines connecting the European Network.

1991 – Italy/Rome – Italian Railways (FS SpA) - Project Manager, infrastructures expert

Final project Design for the new railway bridge across Po river, within a switch line on the Bologna – Padova line.

1990/1992– Italy/Catanzaro– Italian Railways (FS SpA) - Project Manager, infrastructures expert

Feasibility Study for an infrastructural and technological improvement of the Lamezia Terme – Catanzaro Lido (47 Kms) railway line.

1990/1992 – Italy/Ventimiglia – Italian Railways (FS SpA) - Project Manager, infrastructures expert

Final Design Project for the implementation of a new railway route (50Kms), to the source of the Genova – Ventimiglia existing line, between the Finale Ligure and San Lorenzo a Mare stations.(Civil works , Track Works, Overhead Line , Technological plants)



Work experiences:

1988/1991 – Senegal – Italferr Spa - Coordinator of infrastructural testing activities

Technical assistance for testing the rehabilitation Projects of National railway lines, within the Interventions Planning financed by the Italian Ministry of Foreign Affairs.

(Coop. and Develop. Top Management (DGCS) - Rome, Italy).

1988/1991 – Zaire – Italferr Spa - Coordinator of infrastructural testing activities

Technical assistance for testing the rehabilitation Projects of National railway lines, within the Interventions Planning financed by the Italian Ministry of Foreign Affairs.

(Coop. and Develop. Top Management (DGCS) - Rome, Italy).

1988 – 1991- Middle Africa – Italferr Spa - Coordinator of infrastructural testing activities

Technical assistance for testing the rehabilitation Projects of National railway lines, within the Interventions Planning financed by the Italian Ministry of Foreign Affairs.

(Coop. and Develop. Top Management (DGCS) - Rome, Italy).

1987 – Italy/Mantova – Italferr Spa –Project Manager

Technical-economic Feasibility Study for the renovation of the Mantova railway junction on the new outer line, within the improvement of the Dorsale Medio Padana.

1986 – Italy/Chiusi – Italferr Spa - Coordinator of infrastructural testing activities

Preliminary Project for the rehabilitation of the Ellera – Tavernelle railway line, with extension to the Chiusi station, intended for coal transportation to the ENEL power station of Pietrafitta.

1983– Italy/Rome– Italferr Spa- Project engineer for Civil Works

Study of the technical implications in the Civil Works, coming from the electrification of 25 kV – 50 Hz monophasic voltage railway lines.



13. Other relevant information (eg, Publications):

Work Teams

Member of several Work Teams on railway subjects and in particular on the building problems of the alpine pass tunnels and environmental aspects.

- Italian Representative in the “International Environmental Group” of the European Committee for the Public Companies. Paris, France.
- Member of the Technical Working Group to development of the Rapid Transport System between the towns of Rimini and Riccione. Region Emilia Romagna, Italy.
- Member of the Bilateral Committee FS / ENEA for the Research and development. Rome, Italy.
- Italian Representative of the Coordination Group for the Environmental Polity at the U.I.C. Paris, France.
- Italian Representative in the Alpine Railway Commission among the French, Swiss, Austrian, German and Italian Railway Bodies in order to develop the existing and New Alpine Railways lines. Capitals of the involved Countries.
- Representative of FS in the Italian-Swiss Working Group, for the coordination of the design of the South Railway Section of the New Line of the Goddard transit. Bellinzona - Lugano – Italian border. Bern, Swiss .
- Member of the International Research Group Member in the Community of European Railways (CCFE), to study the application of the Linear Motor to the modern Rolling Stoke. Brussels, Belgium.
- Member of the Group of Stand-by representatives of the Italian, Swiss, Austrian or German Ministers of Transport. Bern. Swiss.
- Member of the International Work Group for analyzing the possibilities of application of the "Linear Engine" as Booster. Brussels Belgium,
- Member of the Work Group for the development of Phase 2 of the SIA "Automatic Designing" application. Rome, Italy.
- Member of the Work Group for "Rating the Department Services" in the capacity of "expert" of the Infrastructure Central Management, Rome, Italy.
- Member of the "Compartmental Commission for prequalifying and developing the real estate of the main stations in the Genoa Compartment, in the capacity as "Internal Professional", Genoa, Italy.
- study) of SIA "Automatic designing" application for the Italian Railways Group. Rome, Italy.

Publications

Author of several articles on specialized magazines in the railway field. List of the main recent articles:

- “To cross the Alps to enter in Europe” - Oltre le Alpi si entra in Europa jV Magazine: ITALMONDO Logistica & Intermodalita -March 1998.
- “Which transport system in the future for the development of railway system in the Arabia Peninsula?” - V SAUDI GAZETTE - July 1996.
- “EU steps up efforts to privatise railway network to cope with competitionj”- SAUDI GAZETTE - April 1996
- “Italy’s High Speed Railway Project gains momentum” – SAUDI GAZETTE - April 1996 and many others articles concerning the construction of important roads and bridges worldwide.



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CURRICULUM VITAE

Name and Surname: **MURANO, Osvaldo**
Job Title/Profession: Sales & Marketing Manager, Team Leader and Resident Engineer.
Born: 1959
Nationality: Italian
Languages: Italian (Mother Tongue), English (fluent), French (fluent)
Countries of Work Experience: Norway, Sweden, Denmark, Lithuania, Romania, Republic of Macedonia, Bangladesh, India, Philippines, Thailand, Vietnam, Laos, Uganda, Senegal, Democratic Republic of Congo, Ghana, Mali, Algeria, Tunisia, Nepal



Key Qualifications:

During his latest working experience has achieved over 10 years of experience in the preparation of Pre-qualifications dossiers, Expressions of Interests and compilation of Proposals in various fields ranging from the Electrical Manufacturing to civil engineering Sales & Marketing in various Countries around the World.

The projects were financed by International Development Agencies, such as: the World Bank, the International Bank for Reconstruction and Development (IBRD), the Italian Co-operation Agency (DGCS), the European Union (EEC), the Norwegian Guarantee Institute for Economic Cooperation (GIEK) and the Ministry of Housing (STATSBYGG).

Major experience in Proposals preparation for several Firms in different fields meant for different Clients in different Continents.

From 1996- 1998, as Team Leader for Sauti srl Italy on the four laning of the National Highway No. 1 stretch from Haryana Border to Sirhind (42 Kms) the project included new construction and rehabilitation of several bridges, responsible for all aspect of construction and revision to the design which included recommendations for road signing, road marking and other traffic safety measures like sidewalks, pedestrian crossings Lay bays and widening at market areas.

From 12/1995 – 12/1996 in the Home office in Rome Italy, responsible for the compilation of the final accounts and Claims evaluation and settlement for the Dinajpur Panchagarh Road project.

From 02/1991 - 11/1995 In Bangladesh as Resident Engineer for the rehabilitation of the Dinajpur Panchagarh Road (90 KM).

From 4/1987 to 12/1990 in Uganda on various projects with responsibilities ranging from Quantity Surveyor to Assistant Resident Engineer for the rehabilitation /Reconstruction of about 200 kms of existing roads.

Since 1987 the emphasis has been on transportation projects in Asia and Africa.



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▶ **Education:** Degree in Engineering, Rome Italy, July 1985

Degree in Engineering ESPI Paris 1990

▶ **Technical Societies:** Chartered Institution for Highways and Transportation

Seminar on Bituminous emulsions New Delhi 1997

▶ **Experience Record:**

09/2012 – To Present working as Business Development Manager for INTR Consulting Srl Italy, Responsible for the Marketing and Sales of Engineering Services through the submission of Expression of Interests and preparation of Technical and Financial proposals for tenders requested by the World Bank, The Asian Development Bank, African Development Bank and other International Financing Institutions. The preparation and submission of the Group's, Pre-qualifications, Expressions of Interests and Proposals in Several Countries.

09/2011 – To 04/2012 SGI Studio Galli Ingegneria Team, Italy

Leader/Resident Engineer in Uganda for the Civil Works for the Upgrading from Gravel to Paved (bituminous) Standards of the Hoima Kaiso-Tonya Road Project (92 km) FIDIC Conditions of Contract.

The project consisted in the rehabilitation of the Hoima Kaiso Road traversing the Ugandan rift valley and had considerable portion needing a major levelling it had 3,000,000 cubic meters of deep excavations in some areas the road level had to be levelled at 38 meters below the existing roadbed. This section included 3 minor bridges and 10 single and multi-barrel box culverts.

▶ **Responsibilities:**

- Construction supervision monitoring;
- Review and recommend for approval the Contractor's work schedule or revision;
- Assess the adequacy of materials and labor provided by the Contractor and his methods of work
- Inspect and evaluate the Contractor's installations;
- Organize the supervision of works;
- Organize and operate a material laboratory and perform all laboratory and field testing of materials and products;

- Review and approve all Contractor's drawings;
- Perform verification surveys;
- Quantity calculation;
- Preparation of reports to the UNRA;
- Examine and make recommendation to the NHA1 on all claims from the Contractor;
- Propose and present to the UNRA for approval any changes in the plans;
- Supervision of Bridge Reconstruction.



Work experiences:

08/2006 – 06/2010 working as a **Consultant** for BONIFICA Group as Business Developer, in charge of Sales and Marketing in Africa and eastern Europe, and as part of the Business Development Unit's Team for the preparation and submission of the Group's, Pre-qualifications, Expressions of Interests and Proposals in Several Countries such as: Albania, Ethiopia, Senegal, Mali, Tunisia, Algeria, Morocco, Democratic Republic of Congo, Malawi, Ghana, Libya, Rwanda, Mozambique, Mauritania, Romania, Bulgaria, Poland, Macedonia, and other projects in Italy.

05/2003 – 12/2005 as a self employed **Consultant/Advisor** to major companies in the Electrical Field in Norway helping them to develop a marketing and Sales strategy in Asia and responsible in the compilation and submission of three distinct offers for supply of Electrical equipment to Bangladesh and helping to improve the Company's existing network in the Country.

05/2000 - 03/2003 Area Sales Manager for Jacobsen Elektro as. Norway. The main area of business consisted in the sales of turn key projects of high voltage substations and thermal power plants in various Countries. Main marketing focus was aimed at selected African countries, Asia and East European countries. My role in the company has been related to project implementation strategy, marketing activities in selected countries (particularly in Angola, Bangladesh, Laos, Lithuania, Thailand, Philippines, Vietnam, Romania), in contract negotiations I have succeeded with a power plant contract in East Timor and one in Vietnam. Appointed to develop propositions and acquire new business customers in an increasingly competitive market. The scope covered competitor research product, diversification and strategy, enhanced customer service definition and delivery, development of sales channels and partnerships, advertising and promotion.

07/1998 - 12/1999 Project Manager for the Norwegian Ministry of Housing (STATSBYGG) for the Fit Out and relocation of premises of the Royal Norwegian Embassy in Manila. The project consisted in the Fit –Out of 523 sqm. of office space in accordance to Norwegian Specifications. Responsibilities such as Technical and financial control of the Project Paying Particular attention to the time and costs aspects of the project, preparation of Tender Documents, Assistance to Tender, Selection of Contractor, Issuance of site instructions during Construction to ensure compliance with the Technical Specifications, Liaison between the Norwegian Embassy, Stasbygg's Management and the Contractor on all technical matters related to the Construction, Quality Control of executed work and preparation of Payment Certificates.

04/1996 - 06/1998 Team Leader for Sauti Group on the Four Lane of the National Highway I from Haryana Border to Sirhind, 40 Km Project financed by the World Bank with an overall estimated cost of US\$ 50,000,000 Millions. Management and Supervision of all the Construction activities and financial control of the Project divided in two (2) distinct sections awarded to two (2) different Contractors. Responsible for the overall organization of the Expatriate Staff as well as the Local Consultants staff. Liaison with the Local Authorities involved in the Project (Ministry of surface Transport, Public Works Department, Sewerage and Electric Departments.) Duties and Responsibilities



Work experiences:

Technical and financial control of the project paying particular attention to the time and costs aspects of the project. Monitoring progress for extension of time and claims. Implemented a computerized monitoring and control system that generated weekly and monthly reports. Liaison with Delhi's Ministry of Surface Transport (M.O.S.T.), Patiala, Punjab, Public Works Department (PWD) and World Bank Representatives on technical and Contractual Matters. Guidance to all activities pertaining to the study, analysis and evaluation of field data, identification and coordination of additional data to be collected. Review of design and costs of Highway Projects. Co-ordination activity pertaining to detailed engineering and execution of the design detailed Bill of Quantities and cost estimation. Selection of road alignment, evaluating various engineering alternatives and guidance to specialized construction activities.

12/1995 - 12/1996 in the Sauti Group's Head office in Rome Italy, responsible for the compilation of the final certificate and evaluation and settlement of the claims submitted by the Contractor on the Dinajpur Panchagarh Road in Bangladesh.

02/1991 - 11/1995 Resident Engineer for Sauti Group on the Dinajpur - Panchagarh Road Project, financed fully by the Italian Co-operation with an overall estimated cost of US\$ 30 Millions. Coordinating and supervising the repair works for 90 Km of road damaged by 1987 flood. The project included the reconstruction of 42 box culverts, drainage and protection works. Liaison with the Local Authorities involved in the Project as the Ministry of Communication of Bangladesh and the Italian Government represented by the Italian Ambassador in Dhaka. Duties and Responsibilities included Technical and financial control of the project paying particular attention to the time and costs aspects of Construction. Monitoring progress for extension of time and claims. Liaison with Dhaka Roads and Highway's Department and Government Departments on technical and contractual matters. Guidance of all activities pertaining the study, analysis and evaluation of field data, identification and co-ordination of additional data to be collected. Overview of existing design and cost analysis of Highway Projects. Co-ordination activity pertaining to detailed engineering and execution designs detailed Bill of Quantities and cost estimation. Selection of road alignment, evaluating various engineering alternatives, guidance to specialized construction activities.

10/1988 - 12/1990 Assistant Resident Engineer and Chief Quantity Surveyor for Sauti Group in Uganda on various Projects, financed by the EEC European Union and the World Bank with an overall estimated cost of US\$ 42,000,000 Millions. Co-ordination of the detailed engineering study for improvement/widening of existing roads in different parts of the Country, implementing the rehabilitation works of about 200 Km of paved roads. Road surface treatment with bituminous emulsion, Surveying, laying out, taking and plotting the measurements, instruction to contractors and controlling of specifications, overall management of site, such as a organizing vehicle schedules, supervision of supply of construction materials, preparing payment certificates and all other miscellaneous works in the Road Construction. Assistance in the supervision and implementation of the project's specification requirements. Scheduling and control of work distribution of the consultant's staff including the local staff support provided by the Ugandan Ministry of Works. Direct supervision of survey teams in the actual checking of levels of all works executed by the Contractor.



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Work experiences:

Preparation and compilation of quantities for billing purposes by the use of computer. Co-ordination with the Contractor for the effective and proper execution of levels and quantities of material used on the road to ensure acceptance of works. Liaison with EU representatives in Uganda and Kampala's Roads and Highway's Department, and other Government Departments involved in the project on technical and contractual matters.

May 1988 September 1988 Chief Quantity Surveyor With RENARDET S.A Consulting Engineers, a Geneva based consulting firm for the Rehabilitation of the Kampala-Jinja Road Section 1, project financed by the World Bank with an overall estimated cost of US\$ 12,000,000 Millions. Supervision of the road setting-out. Placement of the benchmarks in accordance with the project data. Responsible for the training of the local staff allocated to the project on the process of executing the works, Assistant to the project manager in matters of compilation of quantities and payment certificates.

April 1987 April 1988 Chief Surveyor With SAUTI S.r.l. for the Rehabilitation of the Kabale - Katuna Road Project, financed by the European Community (EEC) with an overall estimated cost of US\$ 10,000,000 Millions. Duties and Responsibilities Supervision of setting-out of road alignment Positioning of benchmarks in accordance with the project data. Direct supervision of the implementation to the required levels of finished works such as sub-grade, sub-base and stabilized base course.

January 1987 March 1987 Consultant With BARRAL ENGINEERING SRL., Italian based Consulting Engineers part of a team for the feasibility study and design of a fishing project for the republic of Djibouti project to be financed by Italian Government with an overall estimated cost of US\$ 3,000,000 Millions..

October 1985 December 1986 Consultant With SAUTI S.r.l. Italian based firm part of a team for the feasibility studies and design for the rehabilitation of about 3,000 Km of road length for the Tanzanian Government study to be financed by the World Bank with an overall estimated cost of US\$ 2,000 000 Millions..



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Curriculum Vitae

First name(s) / Surname(s)

Daniele MANISCALCO

Address(es)

32 Upper West Grove, M13 0BB,
Manchester, England, U.K.

Telephone(s)

+44 (0) 161 2728173 (office)

Mobile: + 44 (0) 7903 153123

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+44 (0) 7092 222823

E-mail(s)

d.maniscalco@usa.net

Skype

DMLMZ (ID: danlig0310)

Nationality

Italian (U.K. Permanent Resident
since Sept. 1998)

Date of birth

11th September 1962

Place of birth

Rome, Italy

Marital status

Married (two children)



Work experience:

Dates

8th May 2012 – To date

Occupation or position held

Senior Transport Engineer/Senior Management Consultant

Main activities and responsibilities

Senior Transport Engineer/Management Consultant with over 25 years of international experience in the field of Project and Contract Management related to major transport sector programme/projects in third countries financed by International Organisations. Fully conversant with Project Cycle Management principles.

In charge, on behalf of different Clients (UK and EU), of project appraisal, procurement, contract and project management of transport sector opportunities worldwide and EU Framework Contract opportunities in English, French and Portuguese speaking countries.

Name and address of employer

Independent Consultant, Manchester, U.K., England;

Type of business or sector

Management Consultancy, Technical Assistance, Transport Infrastructure



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Work experiences:

Dates

1st December 2010 – 8th May 2012

Occupation or position held

Senior Transport Engineer/Senior Project Manager

Main activities and responsibilities

Senior Transport Engineer. Short-term input abroad as Senior Transport Engineer/Team Leader within the EU FWC Contract (BENEF 2009) Lot. 2 Transport & Infrastructure and also within the on-going Technical Assistance contracts of the company in East Africa (Kenia, Uganda, Tanzania).

Recent appointments were as follows:

- **Management Consultancy for Institutional Support to Transport Sector.** Team Leader in charge of the review and upgrade of the '**Short TSIP 3-year Rolling Plan 2011/12 – 2013/14**'. The specific objective of the assignment is to prepare the next 3-year rolling plan and update the previous 3-year rolling plan, otherwise known as the Short Transport Sector Investment Plan (TSIP). Propose alternative sources of financing to bridge the gaps identified. These could be in the forms of additional donor finance, private investment, PPPs, Agencies own funds or further subventions from Government of Tanzania. **EU funded project.**

- Team Leader in charge of the **Impact Assessment of Infrastructure Investments** in Liberia, **ILO/UN funded project;**

- Team Leader in charge of the '**Mid-Term Evaluation of the Malawi Backlog Road Rehabilitation and Maintenance Programme (MABARM)**', **EC FWC funded project.** The assignment aims at assessing the relevance, efficiency, effectiveness, potential impact and sustainability of the MABARM programme in line with "Project Cycle Management Criteria" and "Evaluation in the European Commission".

In charge of project appraisal, procurement, contract and project management of transport sector opportunities worldwide and EU Framework Contract opportunities in English, French and Portuguese speaking countries.

Name and address of employer

I.T.T. Ltd., U.K., England;

Type of business or sector

Management Consultancy, Technical Assistance, Transport Infrastructure



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Work experiences:

Dates

October 2009 – November 2010

Occupation or position held

Senior Transport Engineer/Senior Project Manager

Main activities and responsibilities

Technical assistance for project appraisal and technical proposal related to transport sector projects: Project and Contract Management of international funded projects including **works contract procedures and assessment of contractors' claims.**

Name and address of employer

Western Balkans Infrastructures Ltd., Albania

Type of business or sector

Consultancy, Technical Assistance, Transport Infrastructure

Dates

September 2006 - September 2009

Occupation or position held

Transport Task Manager

Main activities and responsibilities

Transport Task Manager in charge of the **project appraisal, procurement, contract and project management, monitoring and financial control** of all **European Commission (EC)** external aid projects in the transport sector (road, rail, maritime and air) in **Albania** namely:

Feasibility Study, Detailed Design and Supervision of Gjirokaster and Tepelene Bypasses - Service Value: 2.00 M €

Feasibility Study, Detailed Technical Analysis and Detailed Design of New Highway Route to Tirana Service Value: 2.00 M €

Technical Assistance to Min. of Public Works, Transport and Telecommunications - Service value: 1,85 M €

Supervision of Gjirokaster – Tepelene road (North-South Corridor) - Service: 1,75 M €; Works: 27 M €

Supervision of Levan – Tepelene road (North-South Corridor) - Service: 2,7 M €; Works: 70 M €

Supervision of construction of Ferry Terminal & Yard at Durres Port - Service: 1 M €; Works: 22 M €

Establishment & update of Durres Port Master Plan - Service: 0,85 M €

Roads Design & Construction standards in Albania - Service: 0,60 M €

Short-term Technical Assistance to Albanian Institute of Transport – Service (FWC BENEf): 0,2 M €

Short-term Technical Assistance to Albanian Civil Aviation Authority – Service (FWC BENEf): 0,2 M €



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Work experiences:

Appraisal and Contract Management of IPA funds in the transport sector throughout the entire process (from inception to approval by the DG ELARG in Brussels).

Name and address of employer

European Union, European Commission Delegation to Albania

Type of business or sector

International Financing Institution (IFI), Technical Assistance, Transport Infrastructure

Dates

July 2006 - September 2006

Occupation or position held

Consulting Engineer/Evaluator

Main activities and responsibilities

Technical Assistance to the Romanian National Company of Motorways and National Roads SA (RNCMNR SA) during procurement services of **“Supervision of Construction Works of Lugoj by-pass”** project in **Romania**. The short-term expertise is required to assist the Contracting Authority during the pre-qualification phase, by providing one senior expert for the evaluation of applications, acting as full voting member. **EU/FWC Lot 2 funded project.**

Name and address of employer

Parsons Brinkerhoff Ltd., U.K., England

Type of business or sector

Consultancy, Technical Assistance, Transport Infrastructure

Dates

March 2006 - June 2006

Occupation or position held

Technical Auditor/Sole Conciliator

Main activities and responsibilities

Technical Assistance to the National Authorising Office (NAO) and to the Ghana Highway Authority (GHA). **Technical Audit and contractual Review of two Road Projects under the Transport Infrastructure Programme (TRIP) III.** Technical Auditor in charge of: Review the specific Transport Infrastructure Programme (TRIP) III financing agreement, works contracts concerned, Interim Payment Certificates, and related correspondence between parties involved. To prepare a third party opinion on the second Extension of Time (EOT) request issued by the Contractor for Axim-Tarkwa Road Project.



Work experiences:

As additional task for the Technical Advisor, to prepare an independent opinion on the issue of Variation of Filler in Asphalt Mix, and to act as Sole Conciliator and prepare the Terms of a Settlement on the issue of measurement of crushed rock for the Abuakwa Bibiani Road Project. The Technical Advisor was also providing any other assistance on the technical and contractual matters that aroused in the meantime under the above mentioned contracts. Final Report with main findings, including advice for further taking into account the opinions formed. **EU/FWC Lot 2 funded project.**

Name and address of employer

Parsons Brinkerhoff Ltd., U.K., England

Type of business or sector

Consultancy, Technical Assistance, Transport Infrastructure

Dates

December 2005 - February 2006

Occupation or position held

Senior Highways & Transportation Engineer

Main activities and responsibilities

Technical backstopping during supervision of works for the upgrading of the road "Isaka-Nzega" in **Tanzania**. **Project and Contract management under the FIDIC Conditions of Contract, ('Red Book' 4th Ed). EC funded Project.**

Name and address of employer

S.A.R.I. Ltd, U.K., England

Type of business or sector

Road Rehabilitation, Supervision of Works, Project and Contract Management

Dates

August 2005 - November 2005

Occupation or position held

Senior Roads Transport Specialist

Main activities and responsibilities

Technical Assistance to the Project Management Unit (PMU) of the Implementing Agency (IA) of the '**North-East Road Rehabilitation Programme (NERRP)**' in **Sri Lanka** financed by the European Commission (EC). Senior Roads Transport Specialist in charge of assisting the IA in carrying out the activities foreseen in the Inception Phase, i.e. finalising the Inception Plan of Activities (IPA), assist the IA in drafting the Overall Work Plan (OWP) with budget and the first year Annual Work Plan (AWP) with budget, draft the Terms of Reference for the subsequent European Technical Assistance Team (ETAT). Prepare for the EC an assessment of state of advancement and recommendations for the subsequent phases. **EU/FWC Lot 2 funded project.**



CURRICULUM VITAE

Family name: Bonaccorsi

First names: Armando

Date of birth: 03.01.1951

Nationality: Italian

Civil status: married

Education

University of Padova, Italy

Graduated in Civil Transport Engineering, (Oct. 1976)

European College of Bruges – Belgium

Advanced Course on “Management of Railway System” (May-June 1987)

SIAFI-UIC, Paris – France

Advanced course on the international railway activities: international co-operation, transport policy; technical standardization among railway networks (February 1988).

Languages:

Italian (MT), English, French, Spanish

Membership of professional bodies:

Italian Railway Engineers Association (CIFI)

Reference skills:

- Project Management of new Railway infrastructures, design and supervision of works and Rehabilitation of the existing Railway Line as Multidisciplinary Projects;
- Railway Operation & Maintenance Management;
- Railway Network Organization Management;
- Railway Requirements Management

Other skills:

Excellent computer literacy including Microsoft Office (Word, Excel, PowerPoint), MS-Project, etc. *Years within the organisation*

Ferrovie Centrali Umbra (Umbria Region Railway Network): 8 (2003-2010)

Ministry of Transport - Italian State Railway (FS -Italferr): 25 (1979-2003)



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Key qualifications:

- More than 34 years' experience in the Transport field;
- Strong experience in Operation, Safety and Railway Transport policy both at Ministerial and transport operational level;
- Very good transport management and investment planning experience both in national and private railway company (concession agreement);
- Strong international project management experience in Africa, Mediterranean, Asian and Latin American countries.

Employment Record:

From (Year)	To (Year)	Employer	Positions held
July 2012	To date	SDT JV - D'Appolonia, Abu Dhabi	- Verification and Validation Manager - Railway Operation and Maintenance
Jan 2011	to July 2012	Consulint Srl - Roma, Italy	Projects Management Coordinator
Aug 2010	Nov 2010g	CONSTA JV - Padova, Italy	Railway Advisor Ethiopia
April 2010	Dec 2010	Ferrovie Centrali Umbra, (Umbria Region Railway Network) Perugia, Italy	Railway Engineer Coordinator for Project's implementation
Oct 2009	Jan 2010	Bonifica SpA – Roma, Italy	Railway Engineer - Western Railway Rehabilitation Study (Ghana)
Jun 2003	Dec 2010	Ferrovie Centrali Umbra, (Umbria Region Railway Network) Perugia, Italy	Safety Manager / Administrative Manager / Railway Engineer / Director of Operation and Manager of Infrastructure Area / Manager of Transport Area
Jan 1995	Jun 2003	ITALFERR S.p.A., Rome, Italy (Italian State Railways Group)	Project Manager Venezuela (Resident Engineer) / Colombian Railway Assistant / Italian Sales and Contract Manager / Project Manager
Jun 1979	Jan 1995	Italian State Railways (Fs) Roma, Italy	In charge of Technical Secretariat / Staff Member / Head of Office / Transport Expert / Railway Operation Engineer
Nov 1977	Jun 1979	ICOMSA Engineering, Padova, Italy - Algeria	Structural Engineer Supervisor of Works

Specific Countries experience:

Country	Date
UAE – United Arab Emirates – Abu Dhabi	July 2012 to date
Ethiopia	August 2010 to November 2010
Ghana	October 2009 to Jan 2010
Venezuela	February 2002 to June 2003
Colombia	February 2002 to June 2003
Swaziland	December 2000 to June 2001
Ethiopia, Djibouti	October 1999 to September 2000; May 1995 to October 1997
Thailand	October 1985 to November 1986
Algeria	January 1978 – June 1979

Work experiences:

07-2012/to date- Abu Dhabi (UAE)-Shah-Habshan-Ruwais Railway Project - Railway System Integration, Requirements Verification and Validation Manager and Railway Advisor

Shah-Habshan-Ruwais Railway Project Leading the requirements traceability, supported by some specialists (System Operation Specialist, Simulations Expert, V&V Specialist), and System level testing and commissioning activities, supported by two T&C Engineers during the T&C phase of Phase 1 and of Phase 2 of the project commissioning; coordinating the configuration management process. Railway Integration Advisor
D'Appolonia, Abu Dhabi

06-2009/12-2010; Italy/Perugia- Railway Engineer Coordinator for Project's implementation (design and construction)

Doubling Railway line Perugia S. Anna - Ponte San Giovanni (5 km). Ferrovia Centrale Umbra (Umbria Region Railway Network)

08-2010/11- 2010; Ethiopia – Addis Abeba, Dire Dawa, Railway Engineer Advisor

Railway Rehabilitation Works - Addis Abeba Djibouti Railway line – Ethiopia.

Appraisal Report - Preliminary analysis to identify the minimum requirements needed to be make the Railway line allowable to the Concession. CONSTA JV (Mattioli SpA) – Padova, Italy

10-2009/01-2010; Ghana – Accra (Takoradi, Dunkwa, Kumasi)- Railway Engineer

Western railway lines rehabilitation (78 Million Euro of rehabilitation works.) Study and pre-feasibility study for extension to the North (Burkina Faso border). Bonifica SpA – Roma, Italy

01-2009 /12-2009; Italy – Perugia- Administrative Area Manager

Ferrovia Centrale Umbra (Umbria Region Railway Network)-business budget preparation and reporting. Activities performed: Responsible for all administrative activities including business budget, reporting, finances, orderings, payments, etc.

06-2003/ 06-2005; Perugia, Umbria Region, Italy – Railway Transport Services Area Manager

Ferrovia Centrale Umbra (Umbria Region Railway Network)- Responsible for programming of train, scheduling, management of commercial services and rolling stock and maintenance.



Work experiences:

06/2005 – 01/2009-Perugia, Umbria Region, Italy- Director of Operation and Manager of Infrastructure and Project Manager

Ferrovia Centrale Umbra (Umbria Region Railway Network)- Manager of Railway Operation and Safety; Investment Planning, Projects Manager and Supervisor of Works (Design, Construction and Implementation) of the following main Projects, rehabilitation and Track renewal, of Section Umbertide - Perugia Ponte San Giovanni (28 km) – 0,3 Million Euro of design services and 5,2 Million Euro of works (2005-2007). Electrification of 148 km of railway line: Sansepolcro - Perugia Ponte San Giovanni - Terni) – 1,0 Million Euro of design services and 18,3 Million Euro of works (2005-2009). HV Substation: Design, Construction and Implementation of 7 Substation (Sansepolcro, Città di Castello, Umbertide, Perugia Ponte San Giovanni, Marsciano, Acquasparta, Terni) – 0,3 Million Euro of design services and 7,2 Million Euro of works (2005-2009). Remote Control System (RCS) Whole network (153 km, 24 stations included) – 1,0 Million Euro of works, design included (2006-2007). New “All-relay Interlocking with visual control panel” (type I016) of Umbertide within RCS – 2,2 Million Euro of works, design included (2005-2008). Telecommunication and Information to the public on the trains progress, in real time at each station and via Internet on the FCU web-site) – 0,5 Million Euro of works, design included. Strengthening and modernizing of railway section line and RCS, of Railway Section Cesi - Terni (6 Km) for the implementation of the metropolitan service (9 stops and a double track section of 2 km, with a new Interlocking in Cesi Station, within RCS) – 1,0 Million Euro of design services and 18,3 Million of works (2005-2009).

02/2002-06/2003, Venezuela- Project Manager – Resident Railway Engineer

Ministry of Transport – Ferrovie dello Stato - Italferr (FS - Italian State Railways Group)- Design and construction of new railway line “La Encrucijada – Puerto Cabello” (110 km); rehabilitation design of the railway lines “Puerto Cabello – Moron” (30 Km); 12 Million Euro of Design Services and 230 Million Euro of works

02/2002- 06/2003 (Intermittent)- Colombia- Railway Transport Engineer

Ministry of Transport – Ferrovie dello Stato - Italferr (FS - Italian State Railways Group)- Assisting Colombian Railways (Pacific Rail) in the reorganization of transport operation of goods (defining safety rules, quantify rolling stock needs, central system for the organization and management of transport, human and technical resources organisation, operating manual)

12/2000- 06/2001(Intermittent) Swaziland - Mbabane - South Africa - Railway Project Manager

Ministry of Transport – Ferrovie dello Stato - Italferr (FS - Italian State Railway Group)- Rehabilitation Design and Construction of two Railway lines (Matsapha – Phuzumoya and Mpaka–Mozambique Border). International Tender financed by Italian Co-operation - 0,4 Million Euro of Design services and 8.3 Million Euro of works.



Work experiences:

10/1999-09/2000 (Intermittent)- Ethiopia. Djibouti - Railway Project Manager

Feasibility study for the concession of the Djibouti- Addis Abeba railway line, commissioned by the Chemin de Fer- Djibouto Ethiopian, financed by the European Union
Ministry of Transport – Italferr

03/1995 – 10/1997 (Intermittent) Ethiopia (Addis Abeba – Dire Dawa) – Djibouti, Project Manager

Rehabilitation design of the Addis Abeba – Djibouti railway line (minimum emergency physical repair works). International tender financed by European Union. – 0,6 Million Euro of Design services and 43 Million Euro of Works -Ministry of Transport – Ferrovie dello Stato - Italferr (FS - Italian State Railway Group)

01/1996 – 01/2002 (Intermittent) Italy – Roma - Area Manager of sales Railway Engineer Services in Italy and Africa Responsible for the sales of railway engineer services for TAV (Italian High Speed Railway) and FS (Italian State Railway) – total amount of 750 Million Euro of contracts. Ministry of Transport – Ferrovie dello Stato - Italferr (FS - Italian State Railway Group)

06/1992 -12/1993 (Intermittent) - UIC Paris and Balkan cities (i.e. Paris, Beograd, Ioannina, Thessaloniki, etc.) Italian State Railway Representative in the UIC - European Work Group Design the High Speed Railway Network in the Balkan Region.

01/1990 -12/1993 –Italy, Roma- Head Office Planning and control work - Construction Division Ministry of Transport Programming and works control and related reporting of the railway works on the main network of Italian State Railway. Preparation of plan for the economic and management revision of Railway lines with low traffic and reporting. Ministry of Transport – Ferrovie dello Stato - (Italian State Railways)

06/1987- 12/1989- Italy, Roma- Head of Office /Team Leader- Responsible for rail network equipment development (infrastructure and technologies), FS production department. Staff Member in drawing up the plan for economic and managerial revision of FS lines with low traffic. FS representative on the Italo-French work-group for rapid transfer of goods. Ministry of Transport – Ferrovie dello Stato - (Italian State Railways)



Work experiences:

10/1982-09/1986 – Italy Rome- Staff

Regulating Railway Operations and Standards Connected with the Application of New Running Technologies. Preparation of operation rules and reporting system for regulating railway operations and standards connected with the application of new running technologies (remote-control systems for railway lines and installations). Ministry of Transport – Ferrovie dello Stato - (Italian State Railways).

10/1985-11/1986 – Thailand, Bangkok- Transport Railway Engineer

Traffic Capacity Study of the Bangkok Junction. Preliminary design, investment evaluation and related reports. Ministry of Transport – Ferrovie dello Stato - (Italian State Railways)

10/1977 – 06/1979- Algeria (Ain Bessem and Tizi Ouzou) Steel structures Engineer and Supervisor of Works

Responsible the designing steel structures; Supervisor of works of the Construction of two Wheat Mills (two industrial steel buildings) in Algeria - Icomsa Engineering – Padua, Italy.

CURRICULUM VITAE

Name and Surname: Tommaso Capitanio

Address: Monte Epomeo n°3- 00139 Rome, Italy

Phone: +390641433813 – Mobile +393384591696

E-mail: arch.capitanio@alice.it

Nationality: Italian

Date of Birth: 19/09/1977



(Registered at the Institution of Architects, Urban Planners and Landscape Designers of Rome)

EDUCATION

- **16/5/2007**
 - Name and type of school University of Rome “La Sapienza” –Faculty of Architecture “Valle Giulia”
 - Title obtained Second Level Degree in Architecture (class 4S- architecture and civil engineering) with **110/110 score**
- **26/02/2004**
 - Name and type of school University of Rome “La Sapienza” –Faculty of Architecture “Valle Giulia”
 - Title obtained First Level Degree in Architecture (class 4) in *restoration and urban upgrading techniques* with 104 / 110 score
- **28/10/96**
 - Name and kind of school Scientific High School L.S.S. Archimede
Rome, Italy
 - Title obtained Diploma in Science

TRAINING

- **5/04/2006**
 - Name and kind of school University of Rome “La Sapienza” –Faculty of Engineering
 - Title obtained Certificate of Site **Safety Measures** (according to art. 10 of Law. 494/96)
- **21/03/2012**
 - Name and kind of school Ingegneri Romani
 - Title obtained Certificate of **Project Management**



InTr Consulting

Consulting and Recruiting Firm

Work experiences:

04-11/2012 and 11-12/2011 Italy Rome- Consultant - Landscape Architect

Participation to preparation of Environmental Impact Assessment report and design of measures to mitigate the impact of the project infrastructure ; landscapes design, green works and bicycle path. Rendering and preparation of drawing in 2d and 3d for roads, highways and railways for competitive bidding. Techproject S.r.l. (www.techproject.it)

06/2011- 01/2012 - Italy Rome – Consultant- Architech, Graphic

Participation to Consulting Services for the Design Review and Construction Supervision for international road projects (Tanzania, Uganda) Preparation of society's book and website **Consulint S.r.l.** (www.consulint.eu)

06/2007- 11/2011 – Italy Rome- Consultant - Landscape Architect

Preparation of Environmental Impact Assessment report , landscape design, green works and measures to mitigate the impact of the project infrastructures within of Schematic Design, Final Design and Project Financing initiatives Italy,Algeria) From Schematic Design to Final Design, Rendering, video and preparation of design drawing in 2d and 3d for Roads, Highways, Tunnels, Service Infrastructures, etc for competitive bidding (Italy, Algeria). S.T.E. S.r.l. (www.stesrl.net)

06/2010-07/2010-l'Italie zone d'Ottavia, Rome - Consultant - Paysagiste

Architecture de paysage et préparation de la demande(l'application) pour la question(publication) de Permis Environnementaux pour la réadaptation d'une maison dans via Delle Vele, Montalto Marina (Viterbo - l'Italie)

06/2008 (l'Italie) Montesacro zone, Rome - Consultant - Paysagiste

Préparation de la Demande(l'Application) pour la question(publication) de Permis de construire, Design(Conception) et Surveillance de œuvres(Travaux) pour la réadaptation d'une résidence privée dans la Zone(le Domaine) Montesacro - Rome, l'Italie

12/2007, (l'Italie) Frascati Municipalité, Rome - Consultant - Paysagiste

La préparation de Design(Conception) Préliminaire pour la construction de famille multi-jumelée loge dans 7 chantiers dans les Résidences Sociales de Caselle Costa près de Marino (la Province(le Domaine) de Rome), l'Italie. Barbagelata



Work experiences:

12/2004-12/2007, (Italy) Rome - Consultant

Design and drawing of railway stations, design of landscape and green works for projects in Italy and abroad (Syria).

INTR Consulting Srl

2005- (Italy) Rome – Stage

Field Surveys and testing of material for the methodologies to intervene and protect roman frescoes ” inside the program for the “research, restoring and monitoring frescoes of various famous ancient ateliers in the “Via dell’ Abbondanza in Pompei”, in particular in the *insulae* from 7 to 11.

PERSONAL SKILLS AND ABILITY		
MOTHER TONGUE	ITALIAN	
OTHER LANGUAGES		
<ul style="list-style-type: none">• Lecture ability• Writing ability• Speaking ability	ENGLISH VERY GOOD GOOD GOOD	ROMANIAN BASIC BASIC BASIC



Works performed

- July - December 2012** ITALY- **Environmental Impact Assessment report and design of measures to mitigate the impact of "Tangenziale Albano - Genzano alla S.S. 7 Appia"**. Environmental Impact Assessment report, design of measures to mitigate the impact and rendering of the project.
- September 2012** ITALY- **Competitive bidding for the for the Final Design and preparation of Working Drawings for the rehabilitation of the irrigation system of "subdiramatore Pavia" – 1°lot.** Landscape design and drawings of green works and measures for mitigation of yard impacts.
- September 2012** ITALY- **Competitive bidding for the for the Final Design and preparation of Working Drawings for the construction of floodway of Limenella – Fossetta for the hydraulic defense of Padova – 1° lot.** Landscape design and drawings of green works and measures for mitigation of yard impacts
- July 2012** ITALY- **Competitive bidding CA07/12 for the for the Final Design and preparation of Working Drawings for the rehabilitation of road Sassari – Olbia (lot 5).** Landscape design and drawing of green works, with attention to the enclosed area.
- July 2012** ITALY- **Competitive bidding BA05/12 for the for the Final Design and preparation of Working Drawings for the rehabilitation of road SS.96 "fine Variante Altamura- inizio Variante Toritto"**. Landscape design and drawing of green works, with attention to the enclosed area.
- June - July 2012** ITALY- **Competitive bidding BA04/12 for the for the Final Design and preparation of Working Drawings for the rehabilitation of road SS.96 section Torrito-Modugno.** Landscape design for the requalification of old road abandoned areas and of an abandoned quarry; design of green works and rendering of the project.
- May 2012- June 2012** UGANDA - **consultancy services to prepare designs, tender documents and supervise refurbishment of the proposed Civil Service College (CSC) – Kampala.** Supervise of project's refurbishment with frequent trip to coordinate the Uganda's project team



- April - May 2012** ITALY- Competitive bidding CA03/12 for the for the Final Design and preparation of Working Drawings for construction of Lot 8 of the Sassari – Olbia road. Landscape design and drawing of green works and of the works to mitigate the environmental impacts
- April 2012** ITALY- Competitive bidding CA03/12 for the for the Final Design and preparation of Working Drawings for construction of Lot 7 of the Sassari – Olbia road. Landscape design and drawing of green works and of the works to mitigate the environmental impacts
- April 2012** ITALY- Competitive bidding for the for the Final Design and preparation of Working Drawings for the construction of the doubling of railway BARI - TARANTO of the line BARI MUNGIVACCA - NOICATTARO
Landscape and bicycle path design, drawing of green works
- March 2012** ITALY- Competitive bidding for the Final Design and preparation of Working Drawings for the construction of the road SS 675 "UMBRO-LAZIALE" (Lot 1° - B). Landscape design and drawing of green works and of the works to mitigate the environmental impacts.
- January – Feb. 2012** ITALY-Final Design of the DG24/03 Highway Salerno-Reggio Calabria from SV of Gioia Tauro to SV Scilla
Rendering e Photo-simulation of the organization of the riverbed of the streams : Catoiu, Codoleo and Scirò.
Brochure and website of Consulint Making of Brochure and website in HTML
- December 2011** ITALY- Participation to Competitive bidding CA04/11 for the Final Design and preparation of Working Drawings for the construction of Lot 1 of the Sassari – Olbia road. Landscape design to mitigate the road environmental impacts.
- December 2011** UGANDA: Consulting Services for the Design Review and Construction Supervision of Hoima-Kaiso-Tonya road (92 Km). Participation to Review of Existing Design



November – Dec. 2011	ITALY- Participation to the Competitive Bidding n. M002/2011 for the Final Design and preparation of Working Drawings for the construction of Metrotramvia Milano – Parco Nord – Seregno road. Preparation of design and drawings of the tramway and of the bicycle path
November 2011	ITALY-Participation to the Competitive Bidding CA03/11 for the Final Design and preparation of Working Drawings for the construction of Sassari – Olbia road. Design of landscape and of the works needed to mitigate the environmental impacts.
November 2011	TANZANIA- Consultancy Services for Detailed Engineering Design, Preliminary Environmental & Social Impact Assessment, Economic Evaluation and Preparation of Tender Documents for Rehabilitation of Same-Himo - Marangu Road (93,73 km) and Mombo-Lushoto Road (32 km)
October 2010–October 11	ITALY-Final Design of the DG24/03 Highway Salerno-Reggio Calabria from SV of Gioia Tauro to SV Scilla Preparation of Design Drawings of the Highway
June – October 2011	TANZANIA: Design Review and Construction Supervision of the upgrading of Nantumbo-Tunduru Road (193 km) to bitumen standard. Lot A: Nantumbo Kalimesera section (60.7 km). “Backstopping” support to the Design Review phase
May –June 2011	ITALY-Participation to the Competitive Bidding CA01/11 for the Final Design and preparation of Working Drawings for the construction of SS199”Di Monti”(Lot 9) road. Rendering e photo-simulation of drainage works
May–June 2011	ITALY-Contract Participation to the Competitive Bidding for the Corigliano Calabro town: functional and environmental requalification of the waterfront of Schiavonea and for the urban requalification of Corigliano town. Preparation of the Design drawings and Project layout including the Power Point presentation of the project
October2011–June2011	ITALY- Final project of the DG87/03 Salerno-Reggio Highway. Landscape design to mitigate the impact of the infrastructure, preparation of the design drawings of the service buildings
September 2010	ITALY-Participation to the Competitive Bidding n. DG21/09 for the Final Design for the construction of the “SS16 Adriatica – variante di Ancona road (Lot 1)



September – October 09	ITALY- Preliminary Design of the road connecting Ancona’s harbour to the Highways. Design and rendering of the multi-storey parking area and green works
September 2009	ITALY-Participation to the Competitive Bidding PZ48/08 for the Final Design for the construction of the road SS655 “Bradanica” lot 1 “La Martella”. Design of the works necessary to mitigate the environmental impact of the infrastructure
August 09	ITALY-Participation to the Competitive Bidding for the Final Design of the Integrated Intermodal Pontino System. Preparation of the drawings of the infrastructures, of the Reinforced Concrete structures and details
May – June 09	ITALY-Preliminary Design of the Highway A12 Rosignano – Civitavecchia, Northern Trunk-Lot 1. Preparation of drawings and presentation of the project
March – May 09	ITALY-Preliminary Design of the Highway A12 Rosignano – Civitavecchia, Southern Trunk- Lots 4/5/6. Preparation of the drawings of the infrastructures, of the Reinforced Concrete structures and details
March 09	ITALY-Preliminary Design of the road connecting the SS398 National Road to the Piombino Harbour Preparation of the drawings of the infrastructures, of the Reinforced Concrete structures and details
February - March 09	ALGERIA-Participation to the Competitive Bidding for the Final Design of the road connecting the Djen Djen harbour to the East-West Highway Participation to landscape design and draw of the Reinforced Concrete structures and service buildings details
January -February 09	ITALY-Participation to the Competitive Bidding per the requalification of Albinia interchange Preparation of the drawings of the infrastructures, of the Reinforced Concrete structures and details
November – January 08	ALGERIA-Participation to the Competitive Bidding for the Final Design of the road connecting the Djen Djen harbour to the East-West Highway. Participation to Landscape design and making of photo and video simulation of the infrastructure
	ITALY-Final Design of the Salerno- Reggio Calabria DG10/04 Road 2nd Trunk, 5th Section , Lots 6,7,8,9 and 10 Drawings of the Reinforced Concrete structures and infrastructure details



October08	ITALY-Participation to the Competitive Bidding for the executive project della SS 96 "Barese" tronco Gravina-Bari tratto Altamura- Toritto 1° stalcio. Collaboration to landscape design to mitigate the impact of the infrastructure
July – October 08	ITALY-Executive project of urban way complanar to A24 Highway. Analysis and elaboration project requirements and design of the works necessary to mitigate the environmental impact of the infrastructures.
June - September08	ARMENIA AND GEORGIA -Feasibility study for the rehabilitation and upgrading of the existing railway sections (line Tbilisi Yerevan, Harazdan - Lievan and Adzerbaijan border - Tbilisi - Poti/Batumi) Collaboration to the feasibility study for railway stations maintenance
July - September 08	ITALY-Design and Works Supervision for the rehabilitation of a private residence in Rome, Rome. Preparation of the Application for the issue of Construction Permits, Design and Works Supervision
June - July 08	LIBYA-Preliminary Design of the Bengasi City Hall. Collaboration in the design of new city hall and restructuring and requalification of the existent, making of rendering project.
March - June 08	ITALY-Participation to the Competitive Bidding for the Final Design of the Highway A3 Salerno- Reggio Calabria Macro Lot 3 part 1 (ASR17/07). Analysis and elaboration of project requirements and design of the works necessary to mitigate the environmental impact of the infrastructures.
February - March 08	ITALY-Participation to the Competitive Bidding for the Final Design of the National Road S.S 195. Lots 1 and 3 and (CA 44/07). Landscape design and design of works to mitigate and compensate the ambiantal impact of infrastructure and drawing of infrastructure.
January - February 08	ITALY-Participation to the Competitive Bidding for the Final Design of the National Road S.S. 38 Section 1° - Trunk A. Lot 1. Analysis and elaboration of project requirements and design of the works necessary to mitigate the environmental impact of the infrastructures.
December 07- January 08	ITALY- Preparation of the Working Drawings for the enlargement of the National Road SS268 "Del Vesuvio" 2° Lot , 1st and 2nd Sections and Lot 1. Analysis and elaboration of project requirements and design of the works necessary to mitigate the environmental impact of the infrastructures.



November- December
2007

ITALY-Final Design of the Highway Salerno- Reggio Calabria DG10/04 Trunk 2, Section 5, Lots 6,7,8,9 and 10. Collaboration to drawing infrastructure and its details

December 2007

ITALY- Preparation of Preliminary Design for the construction of semidetached multi- family houses in 7 construction sites in the Social Housing Complex of Costa Caselle near Marino (Rome Province)
Collaboration to design,project drawing and bill of quantities

Jan - Dec 2007

SYRIA- Parteciaption to Preliminary Design for the double traking and increasing speed of railway line Aleppo – Midan Ekbas and Turkish border. Collaboration to design and drawing of rail stations

Mar 2004 - Dec 2006

SYRIA- Parteciaption to Feasibility Study and Preliminary Design for the double traking and increasing speed of railway line Aleppo – Latakia. Collaboration to design and drawing of green works and rail stations

OTHER:

- Publication
- Computer programmes

July 2007 – Publication on the local magazine **ABC n°43** of an article about the thesis subject: The restoration project of the “Bottaccia” country house.

Excellent knowledge of **Autocad 2D and 3D, Adobe Photoshop, 3D Studio, all versions** and of Word;

Good knowledge of, **Archicad, Artlantis, Paint-Shop-Pro all versions** and of Excel, PowerPoint

Basic knowledge of **Adobe Premiere** (video editing)

Basic knowledge of **Primus Evolution** (Bill of quantity)

Excellent knowledge of Internet and Front-page (editing of web-sites)

Availability to work abroad

DRIVERS LICENSE
SPORTS INTERESTS
OTHERS HOBBIES

B - OWN CAR AND SCOOTER

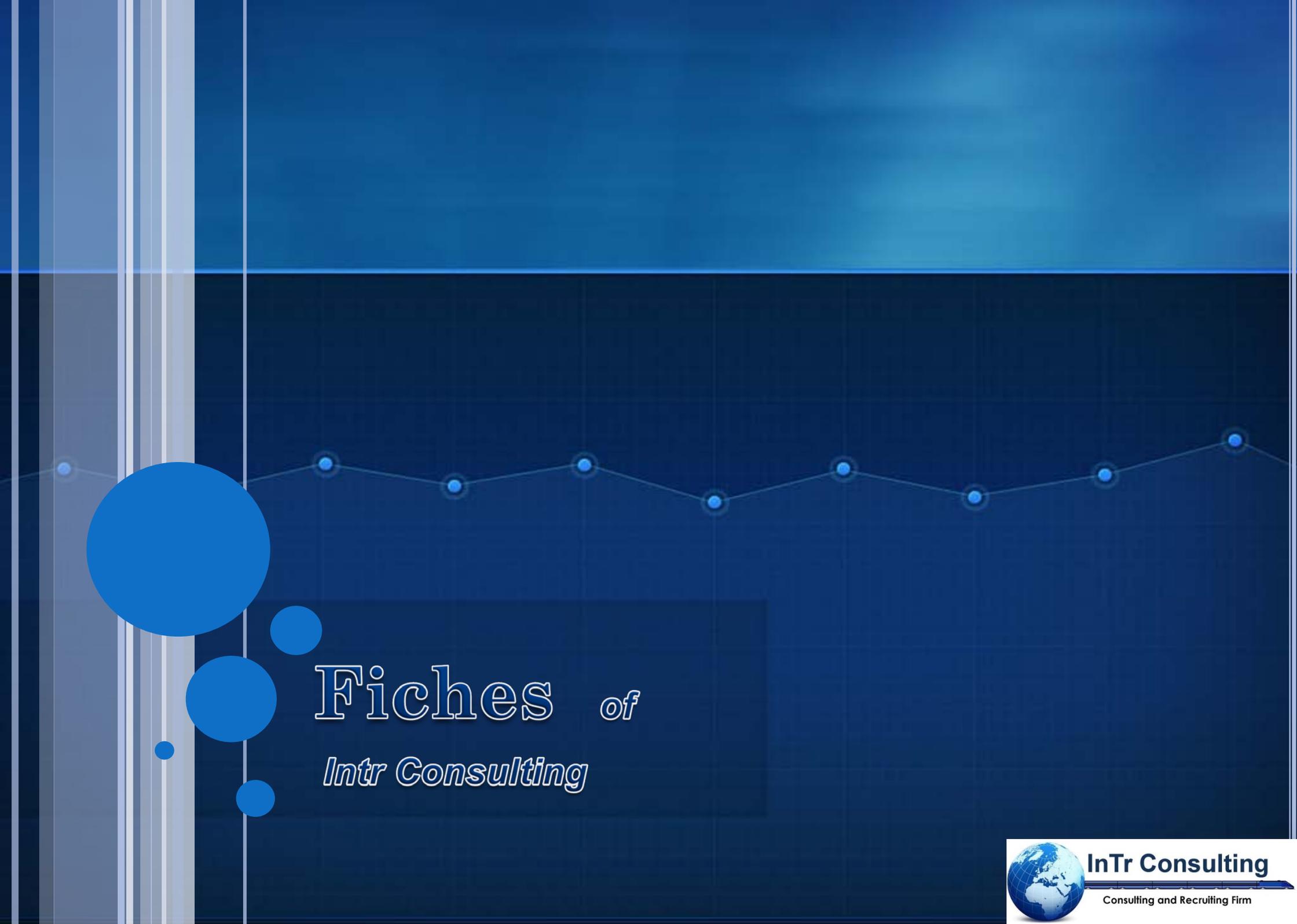
Bike and soccer

Modelling



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Consulting and Recruiting Firm



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InTr Consulting

Consulting and Recruiting Firm

Assignment name: Detailed Design of new Railway line Tambacounda – Faleme Mine	Approx. value of the contract (in current US\$ or Euro):
Country: SENEGAL Location within country: Tambacounda - Faleme	Duration of assignment (months): 6
Name of Client: Technosynthesis SpA	Total No of person-months of the assignment: 4
Address: Rome Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 30,000.00 Euro
Start date (month/year): 1987 Completion date (month/year): 1987	No of professional person-months provided by the joint venture partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Railway Expert : Sergio Capitanio Railway Designer: Pietro Romani Operation Expert: Paganelli

Narrative description of Project:
Technical Assistance and executive design on the new railway line Tambacounda – Faleme mining including the freight station in Faleme and the new freight station in Bargny new port.
Study for the transport the phosphate mineral between the mining of Faleme and the Port using the existing railway line Bargny Tambacounda.

Description of actual services provided in the assignment:
Technical Assistance and executive design, including:

- Operational study;
- Study of the handling of rail wagons for the discharge of minerals;
- Lifecycle of freight wagons and operational study;
- Dimensioning of the Faleme station for a handling the phosphate;
- Dimensioning of the Bargny station to charge the phosphate;
- Detail design of the stations layout;
- Alignment of the new line and relevant interconnection stations.

Assignment name: New Railway freight station of Bargny	Approx. value of the contract (in current US\$ or Euro):
Country: SENEGAL Location within country: Bargny	Duration of assignment (months): 3
Name of Client: Technosynthesis – STR SpA/SPEA SpA	Total No of person-months of the assignment: 1
Address: Rome Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 3000,00 Euro
Start date (month/year): 1987 Completion date (month/year): 1987	No of professional person-months provided by the joint venture partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Railway Expert : Sergio Capitanio

Narrative description of Project:
 Technical Assistance and executive design on the new railway freight station of Bargny including the freight operation study. Study of the freight station of Bargny, in order to use the station lay-out to the freight traffic of minerals expected

Description of actual services provided in the assignment:

Technical Assistance and executive design, including:

- Study of the handling of rail wagons for the discharge of minerals;
- Lifecycle of freight wagons and operational study;
- Dimensioning of the Bargny station for a handling of 4 trains, of about 1350 m, per day;
- Detail design of the station layout;
- Analytical positioning of station layout.

Assignment name: Detailed Design of Railway freight station of Conakry	Approx. value of the contract (in current US\$ or Euro):
Country: GUINEA Location within country: Conakry 	Duration of assignment (months): 3
Name of Client: Technosynthesis SpA	Total No of person-months of the assignment: 1
Address: Rome Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 3000,00 Euro
Start date (month/year): 1987 Completion date (month/year): 1987	No of professional person-months provided by the joint venture partners or the Sub-Consultants:
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Railway Expert : Sergio Capitanio Operation Expert: Paganelli

Narrative description of Project:

Technical Assistance and executive design on the rehabilitation of the railway junction of Conakry including the freight operation study. Study of the transformation and up-grading of the freight station of Conakry, in order to adapt the station lay-out to the new freight traffic of minerals expected

Description of actual services provided in the assignment:

Technical Assistance and executive design, including:

- Study of the handling of rail wagons for the discharge of minerals;
- Lifecycle of freight wagons and operational study;
- Dimensioning of the Conakry freight station;
- Detail design of the station layout;
- Analytical positioning of station layout.



Assignment name: Technical Assistance to the Concessionary of Pacific Railway Network.	Approx. value of the contract (in current US\$ or Euro): 50,000.00 Euro
Country: COLOMBIA Location within country: Valle del Cauca	Duration of assignment (months): 5
Name of Client: ATP S.r.l.	Total No of person-months of the assignment: 5
Address: Via Pievaiola n. 166/F/2 06132 S.Sisto (PG)	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 50,000.00 Euro
Start date (month/year): 2001 Completion date (month/year): 2003	No of professional person-months provided by the joint venture partners or the Sub-Consultants: 2
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Project Manager : Sergio Capitanio Technology Designer: Paolo Barbieri Operation Expert: Pietro Bellapasta



Narrative description of Project:

Technical Assistance to TdO - Concessionary of Pacific Railway Network – in order to organize the Railway Company. Railway safety, signalling systems including to write the Operation Rules, forms and Manual.

Description of actual services provided in the assignment:

Develop of following studies:

- Analysis of previous railway organisation
- Proposal of a new Railway Organisation
- Analysis of Railway Safety
- Operation Manual
- Operation Safety system



Assignment name: Final Design for the rehabilitation of the section Buena Ventura – La Tebaida of the Pacific railway network	Approx. value of the contract (in current US\$ or Euro): 300.000,00 US\$ (208.000,00 Euro)
Country: COLOMBIA Location within country: Buena Ventura	Duration of assignment (months): 8
Name of Client: ITALFERR SpA	Total No of person-months of the assignment: 15
Address: Via Marsala, Roma Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 300.000 US\$ (208.000,00 Euro)
Start date (month/year): 2003 Completion date (month/year): 2003	No of professional person-months provided by the joint venture partners or the Sub-Consultants: n.a.
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/ Coordinator, Team Leader): Sergio Capitanio: Project Manager Stefano Braut: Structural Designer
Narrative description of Project: Check of Final and Detailed Design for the rehabilitation of the bridges on the section Buena Ventura – La Tebaida of the Pacific railway network existing.	
Description of actual services provided in the assignment: -Survey and analysis of existing bridges -Check of Detailed and Final Design -Detail design and modification of existing bridges -Technical Assistance for Railway aspects	



Assignment name: Check of Executive design of the new railway line Al Tabaieh Al Bookamal – Iraqi border	Approx. value of the contract (in current US\$ or Euro): 98.600,00 Euro
Country: SYRIA Location within country: Al Tabaieh-Al Bookamal	Duration of assignment (months): 12
Name of Client: ITALFERR S.p.A.	Total No of person-months of the assignment: 10
Address: Via Marsala, Roma - Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): Executive design : 98.600,00 Euro
Start date (month/year): 2003 Completion date (month/year): 2004	No of professional person-months provided by the joint venture partners or the Sub-Consultants: n.a.
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Stefano Braut: Project Coordinator Giorgio Ratti : Structural Designer Sergio Capitanio : Railway Expert



Narrative description of Project:
 The new railway line has the primarily freight transport, but will also be a important role in long-distance passenger transport. The area is crossed the valley of the Euphrates river and the railway line along the route west along the left bank of the river, then cross it at about 40 km from the Iraqi border, and then continue along the right side of the Euphrates valley to the place of Al Bookamal.

Description of actual services provided in the assignment:
 Checking the final design developed by Iranian Company Metra, limited to all the structures of the railway line, including the new bridge over the Euphrates River.
 The work will build on the documentation and mapping developed by Metra. The activities to be developed are:

- Checking the project;
- Checking stability calculations and structural works
- Checking the sizing of the structures
- Remaking of the calculations of the structures of particular relevance, where necessary.
- Preparation of a descriptive/justificative report.



Assignment name: Improvement of the railway line Novara – Domodossola – variant of Gozzano	Approx. value of the contract (in current US\$ or Euro): 20.000,00 Euro
Country: ITALY Location within country: Piedmont Region	Duration of assignment (months): 8
Name of Client: C. Lotti & Associati SpA (through <i>Studio BRAUT</i>)	Total No of person-months of the assignment: 3
Address: Via Piccarda Donati,3 Roma, Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): Design : 20.000,00 Euro
Start date (month/year): 2003 Completion date (month/year): 2004	No of professional person-months provided by the joint venture partners or the Sub-Consultants: n.a.
Name of joint venture partner or sub-Consultants, if any: Studio BRAUT	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/ Coordinator, Team Leader): Stefano Braut: Project Coordinator Giorgio Ratti: Designer
Narrative description of Project: Variant of Gozzano of about 3 km on the Italian railway line Novara – Domodossola. Electrified double standard railway line.	
Description of actual services provided in the assignment: Technical assistance on final design for the upgrading and speed up of the railway line, including: <ul style="list-style-type: none"> - Gozzano station; - permanent way; - civil works; - environmental study impact; - signalling and technological installation design; - economical evaluation. 	



Assignment name: Upgrading, doubling and speed-up on the Italian railway line Pistoia – Lucca.	Approx. value of the contract (in current US\$ or Euro): 500.000,00 Euro
Country: ITALY Location within country: Tuscany Region	Duration of assignment (months): 24
Name of Client: C. Lotti & Associati SpA (through <i>Studio BRAUT</i>)	Total No of person-months of the assignment: 39
Address: Via Piccarda Donati,3 Roma, Italy	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): Design : 354.250,00 Euro
Start date (month/year): 2003 Completion date (month/year): 2006	No of professional person-months provided by the joint venture partners or the Sub-Consultants: n.a.
Name of joint venture partner or sub-Consultants, if any: Studio BRAUT	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/ Coordinator, Team Leader): Sergio Capitanio: Railway Expert Stefano Braut: Project Coordinator Giorgio Ratti: Designer

Narrative description of Project:
 Improvement of the Railway Station of Porcari and the branches connecting the main industries of Lucca, on the of Pistoia-Lucca line, about 5 km.

Description of actual services provided in the assignment:
 Final design for the upgrading and speed up of the railway line, including:

- passenger stations;
- freight station of Porcari;
- permanent way;
- civil works;
- environmental study impact;
- signalling and technological installation design;
- economical evaluation;
- design of the new connecting branch to the industrial area of Lucca.

Assignment name: Improvement and doubling on the railways line ALEPPO – Latakia. Study of 3 alternatives (175-205 km).	Approx. value of the contract (in current US\$ or Euro): 607.000,00 Euro
Country: SYRIA  Location within country: Latakia	Duration of assignment (months): 12
Name of Client: CFS Syrian Railways (through Consortium Stipe-Fenit)	Total No of person-months of the assignment: 60
Address: Alzari Street P.O Box 182 Aleppo – SYRIA	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): US\$ 194.950,00 (135.000,00 Euro)
Start date (month/year): 2004 Completion date (month/year): 2006	No of professional person-months provided by the joint venture partners or the Sub-Consultants: 10
Name of joint venture partner or sub-Consultants, if any: Consortium Stipe - Ferit	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Stefano Braut: Project Coordinator Giovanni Bonora: Railway Operation Sergio Capitanio: Track & Permanent Way Giorgio Ratti: Structures

Narrative description of Project:
 Feasibility studies of 3 alternatives (among the 175 and the 205 kms around) and Preliminary Design of selected solution for the improvement to 120 (Freight Train) -160 (Passenger train) km/h and doubling of the railways line **Aleppo Latakia of 205 km**, including Latakia freight station.

Description of actual services provided in the assignment: Feasibility studies of 3 alternatives and Preliminary Design of the selected solution for the improvement and doubling on the railways line Aleppo Latakia (205 km), including the following tasks:

- Technical Project Coordination;
- Alignment study (3 alternatives) including link to Latakia Port and track and turnouts;
- Track and Permanent Way study;
- Traffic and operation study, including the study of capacity of alternatives;
- Stations layout study including the 2 Border stations;
- New Latakia Freight Station;
- Cost benefit analysis;
- Technical Assistance on railways aspects;
- Design Review of Preliminary study;
- Executive Design Coordination;
- Traffic and operation study, including capacity of line.

Main structures of Selected solutions:

- Ø **3 Viaducts of 100, 225 and 1300 m**
- Ø **20 bridges**
- Ø **1 Flyover**
- Ø **3 underpass**
- Ø **1 important tunnel of 11.843. M and many short tunnels.**



Assignment name: New Railway Station of Affori on the railway line Milan Asso -Urban Area (FNM)

Approx. value of the contract (in current US\$ or Euro): 2.600.000,00 Euro

Country: Italy
Location within country: Milan-Affori



Duration of assignment (months):24

Name of Client: COGEL Infrastruttura S.r.l. (through *Studio BRAUT*)

Total No of person-months of the assignment:110

Address:
Via Piccarda Donati,3
Roma, Italy

Approx. value of the services provided by your firm under the contract (in current US\$ or Euro):
121.000,00 Euro

Start date (month/year): 2005
Completion date (month/year): 2007

No of professional person-months provided by the joint venture partners or the Sub-Consultants:
15

Name of joint venture partner or sub-Consultants, if any:
Studio BRAUT-Roma
MB Progetti-Roma

Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):
Designer Eng. Giorgio Ratti
Railway Expert Eng.: Sergio Capitanio

Narrative description of Project:

New railway Station of Affori on the railway line Milan- Asso Line, Urban Area. The new station was designed as an interchange point between the line of the Northern Railway and the extension of urban metro line M3. The new station has three binaries and accompanied by two docks entirely underpinned by an arched roof polycentric steel and glass and with a steel footbridge.

Description of actual services provided in the assignment:

Executive and detailed design of Affori Station and relevant track section, including Passenger Building and relevant parking areas and roads network. Technical Assistance for railway aspects and railway operation analysis.
Executive design of the steel cover structure and of the steel pedestrian fly-over.

Assignment name: Feasibility Study and Preliminary Design for Dubling and Speed-up of Hammam Alil - Mosul – Suboniya Railway-line.	Approx. value of the contract (in current US\$ or Euro): 3.320.000 US\$ (2.300.000 Euro)
Country: IRAQ Location within country: Mosul	 Duration of assignment (months): 14
Name of Client: IRAQI REPUBLIC RAILWAYS	Total No of person-months of the assignment: 150
Address: BAGDAD	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 461.120 US\$ (320.000 Euro)
Start date (month/year): 01/2008 Completion date (month/year): 04/2009	No of professional person-months provided by the joint venture partners or the Sub-Consultants: 120
Name of joint venture partner or sub-Consultants, if any: SARI Consulting Ltd (UK) Muszer Automatika Ktd (H)	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Sergio Capitanio Railway expert; Roberto Gentili Station Layout expert; Massimo Petrella Structures expert; Andrea Caporaso Project Coordinator; Antonio Poma Tunnel expert; Andrea Dato Geotechnician; Tommaso Capitanio Station Building expert
Narrative description of Project: Feasibility Study and Preliminary design for the rehabilitation, doubling and upgrading of the existing railway section Hammam Alil – Mosul – Saboniya (Iraq) of about 55 km including passenger, freight and maintenance station as well as the operation and maintenance analysis. Feasibility study and Preliminary design for the new railway variant Hammam Alil – Saboniya of 51 km shunting the town of Mosul. 2 alternative: first alternative of 55 km, including a Tunnel of 1,6 km, and second of 51 km, shunting Mosul Town <u>Total Length of the tunnel: 1.6 km</u>	
Description of actual services provided in the assignments: <ul style="list-style-type: none"> - Layout design of passenger, freight and maintenance stations; - Design of all stations and services buildings; - Operation analysis; - Maintenance analysis; <u>Description of actual services provided regarding tunnel design:</u> <ul style="list-style-type: none"> - Hydrologic, Hydraulic and Geotechnical studies; - Structures design including doubling of existing bridges and viaducts and the new one - Tunnel (Length 1,6 km) study 	

Assignment name: Preliminary study for Rehabilitation of Infrastructures of Railway lines Yerevan – Tbilisi, Yerevan - Azerbaijan border, for a total of 850 km, as well as the technologies of the Georgian railway main line Tbilisi – Poti/Batuni	Approx. value of the contract (in current US\$ or Euro): 795.000 US\$
Country: GEORGIA and ARMENIA Location within country: Yerevan – Tbilisi Yerevan - Azerbaijan border and Tbilisi-Poti/Batuni	Duration of assignment (months): 13
Name of Client: European Commission - Delegation to Georgia-Program TACIS	Total No of person-months of the assignment: 50
Address: 38, Nino Chkheidze St. - Tbilisi	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 85.000 US\$
Start date (month/year): 10/2008 Completion date (month/year): 11/2009	No of professional person-months provided by the joint venture partners or the Sub- Consultants: 45
Name of joint venture partner or sub- Consultants, if any: Lattanzio & Associati	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Sergio Capitanio – Project Manager/Railway Expert



Narrative description of Project:
Preliminary study for the **rehabilitation of the infrastructure** of the railway line in **Georgia and Armenia** between Tbilisi and Yerevan and of the main railway line in Georgia between Tbilisi- Poti/Batumi, Including the **Traffic study in Armenia and Georgia** for a total of about 850 km. The study include **25 main Bridges** and **3 main Tunnel** one of which is 8 km long.

Description of actual services provided in the assignment:

- Project Management of the whole study;
- Analysis of traffic studies;
- Study for the rehabilitation of the main railway lines;
- Bottleneck and infrastructure analysis;
- Preliminary environmental studies;
- Mitigation activities assessment;
- Project coordination between international staff and local staff;
- Relationship with Ministry and Railway organizations
- Preliminary studies for the rehabilitation of **main Bridges (n.25), culvert, main Tunnels (n.3)** one of which is 8 km long and minor structures;
- Geotechnical study;
- Operation analysis.



Assignment name: Improvement and doubling on the railways line Aleppo–Midan Ekbas–Turkish border. Study of 3 alternatives between 100 and 110 Km.	Approx. value of the contract (in current US\$ or Euro): 915.000€
Country: SYRIA Location within country: Aleppo	Duration of assignment (months): 18
Name of Client: CFS Syrian Railways (through Consortium Stipe-Fenit)	Total No of person-months of the assignment: 28
Address: Alzari Street P.O Box 182 Aleppo - SYRIA	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): US\$ 310.375,00 (€ 215.000,00)
Start date (month/year): 2007 Completion date (month/year): 2010	No of professional person-months provided by the joint venture partners or the Sub-Consultants: 8
Name of joint venture partner or sub-Consultants, if any: Consortium STIPE - FENIT	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader): Stefano Braut: Project Coordinator Gianni Bonora: Operations Expert Sergio Capitanio: Track and Railway Systems Specialist Roberto Gentili: Stations expert Valerio Tallo: Railway Technologies Expert

Narrative description of Project:

Technical Assistance to the Syrian Railway and the Preliminary study and Executive design of 3 alternatives to doubling track and increasing speed on the railway line Aleppo-Midan Ekbas-Turkish border (about 110 km), including the border/custom station:

- Speed up of the link.
- Improvement of the line capacity.
- Doubling of the link.
- Study of new stations including the border station.

The line links the second town of Syria with the Turkish border and is part of the strategic corridor between Europe/Turkey and Middle-East.

Description of actual services provided in the assignment: - Preliminary design and Executive design;

- Technical Project Coordination;
- Alignment study (3 alternatives) including Track and turnout;
- Traffic and operation study, including the study of capacity of alternatives;
- Station layout study;
- Cost benefit analysis;
- Technical Assistance on railways aspects.

Assignment name: Kirkuk – Sulimaniya Detailed Design Railway Project concerning the study, design and tender documentation of the new speed railway line of about 119 Km.	Approx. value of the contract (in current US\$ or Euro): 5.600.000 US\$
Country: IRAQ Location within country: Kirkuk	Duration of assignment (months): 21
Name of Client: Iraqi Republic Railways Company (IRR)	Total No of person-months of the assignment: 185
Address: Baghdad	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 200.000 US\$
Start date (month/year): 01/2008 Completion date (month/year): 10/2010	No of professional person-months provided by the joint venture partners or the Sub-Consultants: 180
Name of joint venture partner or sub-Consultants, if any: SARI Consulting Ltd (UK) Muszer Automatika Ktd (H)	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/ Coordinator, Team Leader): Sergio Capitanio (Railway expert) Roberto Gentili (Station Layout expert) Massimo Petrella (Structures expert) Andrea Dato (Geotechnical) Tommaso Capitanio (Building expert)

Narrative description of Project:

Preliminary Study and Detailed design of Kirkuk – Sulaimaniya New Railway line Project for about 119 km long line of 200 km/h speed of passenger transport and 140 km/h one of freight transport, double track electrified including 7 main bridges, many culverts artificial Tunnels. Tasks:

- Traffic estimation,
- Rolling stock selection, maintenance workshops, plants and machinery selection and design,
- Infrastructure maintenance workshops, plants and machinery selection and design,
- Horizontal and vertical alignment,
- Typical Sections,
- Design of the whole line with all needed structures such as tunnels, bridges, culverts, etc...
- Design of the stations, the maintenance facilities, the operational building, signaling system, power supply systems, telecommunication systems and the building of dwelling of the operational staff,
- Survey of the plot ownership and clarification of cadastral details,
- Bill of quantities and cost estimation,
- Readymade tender construction documents for international bidding.

The basic goal is to construct a modern railway line with up to date technologies.

Description of actual services provided in the assignment:

- Preliminary and Detailed Design of maintenance workshops, plants, Depots and relevant equipment.
- Preliminary and Detailed Design of passenger and freight stations including maintenance facilities and operation analysis.
- Preliminary Design of signaling system, power supply systems, telecommunication systems and relevant buildings.
- Bill of quantities and cost estimation.
- Hydro-geological study.

Assignment name: Improvement and doubling on the railways line Turkish border – Al Kamishli – Al Yaroubieh – Iraqi border (90 km)	Approx. value of the contract (in current US\$ or Euro): 915.000 Euro
Country: SYRIA Location within country: Al Kamishli and Al Yaroubieh	Duration of assignment (months): 12
Name of Client: CFS Syrian Railways	Total No of person-months of the assignment: 25
Address: Alzari Street P.O Box 182 Aleppo - SYRIA	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 200.000 Euro
Start date (month/year): 2008 Completion date (month/year): 2010	No of professional person-months provided by the joint venture partners or the Sub-Consultants: 5
Name of joint venture partner or sub-Consultants, if any: Consortium Stipe – Fenit	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/ Coordinator, Team Leader): Stefano Braut: Project Coordinator Gianni Bonora: Operations Expert Sergio Capitanio: Track and Railway Systems Specialist Roberto Gentili: Stations expert Valerio Tallo: Railway Technologies Expert

Narrative description of Project:

Technical Assistance to the Syrian Railway and check of Preliminary design and Executive design to doubling track and increasing speed on the railway line between the Turkish border – Al Kamishli – Al Yaroubieh – Iraqi border (90 km):

- Speed up of the line.
- Improvement of the line capacity.
- Doubling of the line.
- Design of two border stations.

The line is part of the corridor that link the Arabic Gulf with Turkey and Europe. The section studied, situated in the east of Syria, links the Turkey with the Iraq through the Syrian stations of Al Kamishli and Al Yaroubieh.

Description of actual services provided in the assignment:

- Design Review of Preliminary study;
- Executive Design Coordination;
- Traffic and operation study, including capacity of line;
- Alignment study; including track and turnouts;
- Station layout study including the 2 Border stations;
- Cost Benefits analysis;
- Technical Assistance on railways aspects.

Assignment name: Investigation and Audit about two tenders/projects developed by RFR- Réseau Ferroviarie Rapide – Tunisie.	Approx. value of the contract (in current US\$ or Euro): 30.000,00 Euro
Country: TUNISIA Location within country:	Duration of assignment (months): 4
Name of Client: Charles Kendall & Partners	Total No of person-months of the assignment: 3
Address: 7 Albert Court Prince Consort Road London SW72BJ	Approx. value of the services provided by your firm under the contract (in current US\$ or Euro): 30.000,00 Euro
Start date (month/year): 03/2012 Completion date (month/year): 06/2012	No of professional person-months provided by the joint venture partners or the Sub-Consultants: n.a.
Name of joint venture partner or sub-Consultants, if any:	Name of senior regular full-time employees of your firm involved and functions performed (indicate most significant profiles such as Project Director/ Coordinator, Team Leader): Railway Expert : Sergio Capitanio

Narrative description of Project:
Investigation and Audit about two tenders/projects developed by RFR- Réseau Ferroviarie Rapide – Tunisie. Investigation about tender procedure (procurement under FIDIC rules) and construction activities.

Description of actual services provided in the assignment:
In particular has performed the following activities:

- **audit of the tender procedure** for the international tender concerning the supply and realization of the railways “Systems” limited to the Rolling Stocks;
- **audit of the tender procedure** for the international tender for the realization of a new Tunnel in Tunis;
- **technical audit** about the construction performance of the winner JV for the Tunnel Saida-Mannoubia (under Tunis town) of about 300 mt;

Final Client: Fraud Investigation Division of the EIB-European Investment Bank





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