

Curriculum Vitae (CV)

Name: Edin Begović

Date of Birth: 3rd November 1972

Country of Residence: United Kingdom/ Bosnia and Herzegovina/ Montenegro

Education:

- Belgrade University, Faculty of Civil Engineering, October 1992-October 1998, Dipl. Ing in Civil Engineering (equivalent to Master in Civil Engineering or 300 ECTS points as per current curriculum at the Belgrade University);
- Module 3: “FIDIC Understanding DABs/DAABs”, FIDIC online course, September – October 2021;
- “Prince2 Foundation Certificate in Project Management”; PeopleCert, Axelos (United Kingdom), March 2019;
- “Best Practice in Construction Delay Assessment – Time-slice Reviews using Primavera PG”, Chisinau, Moldova, February 2019;
- “Best Practice in Construction Programme Management and Progress Recording for FIDIC-based Works Contracts”, Chisinau, Moldova, February 2019;
- “Changes to the FIDIC Forms of Contract - Red and Yellow Books”, EBRD London, United Kingdom, September 2018;
- “Evaluation of Financial Position of Bidders in Procurement Procedures executed through International Competitive Bidding Procedures” Chisinau, Moldova, May 2018;
- “Anti-corruption Policy and Procedures in relation to Moldovan Law and International Funding Agencies’ Standards and Requirements”, Chisinau, Moldova, May 2018;
- Module 2: “The FIDIC Claims- Making, Defending and Resolving Claims under the FIDIC 1999 Contracts” Seminar, Cornerstone Seminars, Amsterdam, Netherlands, June 2017;
- “FIDIC Contract Conditions for large infrastructure projects”, SEED, Association of Consultants of Bosnia and Herzegovina, January 2005;
- “Introduction to USAID Environmental Procedures, Environmental Review, Screening, Mitigation and Monitoring”, USAID Bureau for Europe and Eurasia, Budva, Montenegro, September 2004;
- “Training for consultants in EU services procurement rules”, European Agency for Reconstruction and the Ministry of Construction and Urban Planning of the Republic of Serbia, Arandjelovac, Serbia, October 2001.

Membership in professional associations:

- FIDIC President’s List of approved Dispute Adjudicators: April 2022
- FIDIC Credentialing: Certified FIDIC Adjudicator: January 2022
- Dispute Resolution Board Foundation (DRBF) Licensed Emerging Markets Professional Dispute Board Practitioner level Member: January 2023

Employment record:

Period	Employing organization and title/positions	Country	Summary of activities performed relevant to the Assignment
March 2006 – to date	Roughton International Ltd, Chief Executive Officer/ Regional Director/ Contract-Claims Expert/ Team Leader/	United Kingdom, Regional Eastern	Responsible to Group Board of Directors for corporate organization, management, financial performance and business development in Roughton’s markets. Management and administration of consultancy contracts. Operational

	Project Manager/ Project Director	Europe & Central Asia	management of established branch and representative offices, management and administration of consultancy contracts
Jun 2003 – Oct 2003	Employing Organization: Barents Group of Bearing Point Title/Position: National Civil Engineer	Montenegro	Provided engineering advice on national standards, specifications and regulations relating to the construction of airports, transport infrastructure and civil engineering systems.
Nov 2000 - March 2006	Employing Organization: Univerzging Mont Title/Position: Project Manager/Structural Engineer/Quantity Surveyor	Montenegro	Study and design phase for KfW funded rehabilitation and upgrading of six vulnerable sections of the mountainous section of the Podgorica-Kula road. Producing preliminary design and cost estimates, BoQs and preparation of tender dossiers. Evaluation of prequalification applicants for 4 civil works tenders. Construction supervision.
Jun 1999 – Nov 2000	Employing Organization: Oxfam GB Title/Position: Water / Sanitation Engineer, Project Officer	Bosnia and Herzegovina	Development of water supply and sanitation Emergency Preparedness plan for up to 50.000 refugees in lieu with UNHCR and other agencies. (DfID-funded) Assessment of water supply, sanitation and hygiene situation in existing refugee camps in order to upgrade water supply and sanitation provisions and hygiene practices for residents of collective and transit centres in Bosnia and Herzegovina.
Jan 1999 – Mar 1999	Employing Organization: CIP Traffic Institute Title/Position: Structural Designer	Serbia	Detailed design and studies for new Central Railway Station “Beograd Centar” in Belgrade (Prokop). Structural design calculations of specific positions of the project. CAD drawings of structural elements.

Language Skills (Indicate only languages in which you can work):

	Reading	Speaking	Writing
English	5	5	5
Bosnian/Montenegrin/Serbian/Croatian	5	5	5
Russian	4	4	4
German	3	2	2

Publications:

- Dr. Jokanović I., Dr. Radović N., Begović E., Ciobanu N., Institutional Capacity Assessment for Road Management in Moldova, 4th International Conference on Contemporary Achievements in Civil Engineering, Subotica, Serbia, April 2016;
- Dr. Jokanović I., Dr. Radović N., Begović E., Ciobanu N., Road Maintenance Contracting Strategy in Moldova, 2nd Serbian Road Congress, Belgrade, Serbia, June 2016;
- Dr. Jokanović I., Dr. Radović N., Begović E., Challenges and Success Factors in Implementing Performance-based Road Maintenance Contracts, 5th BiH Road Congress, Sarajevo, Bosnia and Herzegovina, September 2016.

Employment Record Relevant to the Assignment:

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
May 2022 – January 2023	Dispute Adjudication Board, Single Member	Bosnia and Herzegovina	<u>Single Member DAB for two works contracts in water sector in Sarajevo, Bosnia and Herzegovina.</u> Both contracts are let under FIDIC Red Book 1 st edition 1999 Conditions of Contract and are related to reconstruction of the water distribution and water pressure pipelines forming part of Sarajevo City water supply network. Adjudicated two disputes under two Contracts between the same Contractor and the same Employer.
September 2022 – ongoing	Roughton International Ltd Contract Expert Client/contact for references: Public Enterprise State Roads Mr Shkelqim Miftari, Department for Investments financed with IFI funds Email: s.miftari@roads.org.mk	North Macedonia	<u>Project Implementation Support for the Infrastructure Business Group: Road Corridor VIII – Phase I Bukojchani – Kichevo (EBRD-funded).</u> Assistance with the Establishment of the PIU for the implementation of the Bukojchani – Kichevo section of the Corridor VIII road. Assistance with Procurement and Tendering of the design, supervision and works contracts. Assistance with Contract implementation and Compliance & Reporting Obligations under the Financing Documents. Environmental and Social Implementation Support <i>Authorized signatory to the contract on behalf of the Company. In the role of Project Director, assisting the Team Leader in project management and organizational issues related to the Contract. Financial control of the project budget. Ensuring overall quality of consultancy services and project deliverables.</i>
January 2022 – December 2022	Roughton International Ltd Contract Expert Client/contact for references: Asian Development Bank, Central West Asia Department Mr Pawan Karki, Country Director Email: pkarki@adb.org	Uzbekistan	<u>Road Subsector Development Strategy and Action Plan Capacity Building Program and Institutional Strengthening of State-Owned-Enterprises in Road Management (ADB-funded).</u> Additional capacity building support to road sector organizations in Uzbekistan, specifically the Committee for Roads (CR) and road construction and maintenance State-Owned Enterprises (SOE), including specialist support in change management to strengthen recent institutional changes, further support to CR in technical areas including gender, climate change and disaster risk mitigation, and procurement, with the aim of ensuring a greater focus within CR on these cross-cutting issues. Technical and managerial support to road construction and maintenance organizations to strengthen their commercial operations, to ensure that as they are further reformed and introduced to private sector competition, the SOEs are able to compete on a level playing field and have the capability to properly bid for and manage road construction and maintenance contracts. Support in commercial management and business planning, equipment management, project management, and financial management. In the role of the Contract Expert, providing support and training to SOE management and staff in relation to FIDIC forms of contract. Developing and delivering targeted training for SOE management in relation to the structure

			<p>and detail of FIDIC main forms of contract (first and second editions). Review existing practices in Uzbekistan to highlight areas for improvement in the application of FIDIC standards. Developing case studies showing the successful implementation of FIDIC contracts in environments similar to Uzbekistan.</p> <p><i>Authorized signatory to the contract on behalf of the Company. In the role of Project Director, assisting the Team Leader in project management and organizational issues related to the Contract. Financial control of the project budget. Ensuring legal and administrative compliance with local regulations and tax procedures. Staff and human resources management. Ensuring overall quality of consultancy services and project deliverables. Dialogue with the Client on issues critical for project implementation. Instructing and applying corrective actions if required.</i></p>
September – November 2021 (Phase 1)	<p>The World Bank Short-Term Consultant</p> <p>Client/contact for references: The World Bank, Transport ECA - Europe Ms Elena Lungu, Task Team Leader Email: elungu@worldbank.org</p>	Armenia	<p><u>Assessment of the Institutional/Legal Framework for Introducing Output- and Performance-Based Road Contracts (OPBRC) in Armenia (WB-funded).</u></p> <p>The objective of the assignment is to support Armenian Roads Department/Ministry of Territorial Administration and Infrastructure to conduct the preliminary assessment of the potential for OPBR Contracts in Armenia through the rapid assessment of the characteristics of the national road network, existing legal, institutional and administrative framework, current road management system, traffic volume and vehicle fleet on roads with potential for OPBRC, including expected traffic growth. It is expected that the result of the assessment will serve to inform ARD/MTAI decisions with regard to the development of pilot OPBR Contract projects, for example in two study areas to be selected, and as such, will be followed by a more detailed assessment of the economic and financial viability of the candidate projects as pilot OPBRCs for implementation, including recommendations on sequencing and the required actions to strengthen the enabling environment.</p> <p>Phase 1 of the assignment includes:</p> <ul style="list-style-type: none"> (i) Assessment of enabling environment for OPBR Contracts. Are there sufficient institutional, legal, and regulatory frameworks in place? If not sufficient, what is needed? Is there sufficient capacity of government agencies to supervise OPBRC project implementation? If not, what is required? (ii) Compliance with applicable Laws and Regulations. The selected OPBRC format must comply with Armenia’s legal and regulatory framework. Some aspects of the contract format may be dictated by the prevailing environment. RD, with the assistance of the Consultant, shall identify and propose necessary legal and regulatory changes to achieve the desirable format. For example, if the existing legislation does not permit multi-year contracts (5 years or longer) or does not allow imposition of certain penalties for non-compliance or does not permit a contractor to implement road safety enhancements, RD could initiate a PBC without these elements. However, once the appropriate changes are approved in the legislation, the RD could then implement the more comprehensive PBCs. (iii) Identify different performance-based contract models, in particular the OPBRC model, which may be suitable for the Armenian context. Explain to the Government counterparts the advantages and risks of specific contract models.

			<p>(iv) Identify the critical path for successful implementation once the projects are short-listed, or the study areas identified, taking into consideration technical, fiscal, socio-economic, environmental, regulatory and legal considerations, and institutional and right-of-way issues that might impede its implementation and where possible identify the financing gaps to be filled.</p> <p>(v) Make policy recommendations on further development of legal framework, institutional capacity, and enabling environment for successful OPBRC.</p> <p>(vi) Present the results and recommendations to key Government stakeholders. The Consultant with the assistance of the Ministry and WB team will organize and hold a technical workshop and consultative meeting including all parties that are expected to have a stake in the use of OPBRCs for road maintenance. The outcome of this process should be broad-based stakeholder consensus on the use of OPBRCs for road maintenance.</p>
March – September 2021	<p>Sweco Danmark A/S Senior Engineer</p> <p>Client/contact for references: EU Delegation to the Republic of Moldova Mr Ion Guzun, Evaluation Manager Email: ion.GUZUN@eeas.europa.eu</p>	Moldova	<p><u>Final Evaluation of the EU Transport Infrastructure Projects in the Republic of Moldova (EU-funded).</u> Final evaluation of the 3 projects financed by EU in the Republic of Moldova:</p> <p>(i) Moldova Roads Rehabilitation Project III (construction of Ungheni by-pass on R-1 road) (ii) Moldova Roads Rehabilitation Project IV (construction of Bahmut by-pass on R-1 road) (iii) Moldova Railways Restructuring Project (purchase of 12 locomotives)</p> <p>Responsible for engineering inputs in evaluation. Carrying out stakeholder analysis (with particular emphasis on the road sector projects), methodological design of the evaluation, in-depth documents analysis, interviews with key stakeholders in the road and railways sector during the field mission to Moldova, identification of the information gaps and hypotheses to be tested, gathering primary evidence, data collection and analysis, final analysis, formulation and presentations for the road sector component.</p>
May 2020 – ongoing	<p>Roughton International Ltd Project Director</p> <p>Client/contact for references: The Ministry of Transport, Architecture, Construction and Communications of the Kyrgyz Republic Mr Sanjar Ibraimov, Director, Investment Project Implementing Group (IPIG) Email: sanjar.ibraimov.si@gmail.com</p>	Kyrgyzstan	<p><u>Consulting Services for Construction Supervision: Central Asia Regional Economic Cooperation Corridors 1 and 3 Connector Road Project (Phase 2) – Additional Financing (financed by Asian Development Bank)</u> Construction supervision services for two works contracts for rehabilitation of two road sections, including monitoring-supervision of the performance-based road maintenance phase for the Balykchy – Kochkor – Epkin Road Sectors between CAREC corridors 1 and CAREC 3. The road (km 0+000 - km 43+000 and 62+400 - 89+500) is the continuation of the alternative North-South road from Balykchy to Jalal-Abad and will connect the northern and southern regions of the country. The works also include 5 bridges (1 no. on Lot 1 and 4 no. on Lot 2).</p> <p>Both works Contracts are based on the FIDIC MDB Harmonized General Conditions of Contract, 2010 edition (Pink Book) with modifications in order to accommodate the Performance Based Maintenance (PBM) services that are to be provided by the same appointed Contractor(s), which partly overlap respective Defects Notification Periods.</p> <p>Authorised signatory to the contract on behalf of the Company. In the role of Project Director, assisting the</p>

			<p>Team Leader in project management and organizational issues related to the Contract. Ensuring legal and administrative compliance with local regulations and tax procedures. Responsible for overall quality of consultancy services and project deliverables. Liaison with the Client on issues critical for project implementation. Instructing corrective actions if required. Continuous project performance monitoring and regular internal project performance evaluation (during implementation and post-completion) from commercial, technical and administrative point of view.</p> <p>Acting as the Engineer on behalf of the Company for two works contracts supervised. Advising the supervision team and the Employer on contractual consequences of Site Instructions and other actions of the Contractor and members of the supervision team, as well as on potential and current disputes. Issuing Engineer's Determinations.</p>
July 2019 – ongoing	<p>Roughton International Ltd Project Director/ Claims Specialist</p> <p>Client/contact for references: Republican Road Fund under the Council of Ministers of Uzbekistan Mr Ulugbek Ganiev, PIU Director T: +998 90 351 87 71, Email: rrdproject14@gmail.com</p>	Uzbekistan	<p><u>Supervision Services for Regional Roads Development Project (financed by the World Bank)</u> Supervision of rehabilitation and improvement of 289 km in Andijan, Fergana and Namangan regions split in 27 Works Contracts (Lots). Technical specifications for works are based on Uzbekistan standards and norms (SHNK, GOST, UzRST. VSN and others).</p> <p>The Contract Conditions of works contract are FIDIC MDB Pink Book (2010 edition). Supervision duties include:</p> <ul style="list-style-type: none"> (i) Review the Design to ensure smooth and timely construction works; (ii) Assist the Employer in administering the contracts and supervising the construction works to ensure their quality and timely completion; (iii) ensure environmental protection and social safeguards are properly implemented in accordance with the designs in the project roads. <p>Authorised signatory to the contract on behalf of the Company; In the role of Project Director, assisting the Team Leader in project management and organizational issues related to the Contract. Ensuring legal and administrative compliance with local regulations and tax procedures. Responsible to the Employer for overall quality of consultancy services and project deliverables. Liaison with the Employer on issues critical for project implementation. Instructing corrective actions if required.</p> <p>Acting as the Engineer on behalf of the Company for two works contracts supervised. Advising the supervision team and the Employer on contractual consequences of Site Instructions and other actions of the Contractor and members of the supervision team, as well as on potential and current disputes. Evaluating claims and issuing determinations.</p>
March 2019 – ongoing	<p>Roughton International Ltd Project Management Expert</p> <p>Client/contact for references:</p>	Bosnia and Herzegovina	<p><u>Technical Assistance to the PIU of JP Autoceste FBiH for the Project Construction of Motorway on Corridor Vc, section Poprikuše - Zenica North (Donja Gračanica), sub-section Ponirak – Vraca</u> The 2.65 km long motorway sub-section Ponirak - Vraca is part of the motorway on Pan-European Corridor Vc running through Bosnia and Herzegovina and belongs to section Poprikuše – Zenica North (Donja Gračanica). The</p>

	<p>Public Enterprise “Autoceste Federacije Bosne i Hercegovine” d.o.o. Mrs Lejla Hodžić, Head of Department for Monitoring the Implementation of International Contracts h.lejla@jpautoceste.ba</p>		<p>sub-section is connected to Vraca (exit from Tunnel Zenica) – Donja Gračanica sub-section in the south and Vranduk – Ponirak sub-section in the north. The route is designed to TEN-T standard motorway with 2 traffic lanes (plus stopping lanes outside the tunnel) in each direction for design speed of 120 km/h. The main structure on this sub-section is the dual-tube tunnel “Zenica”, (left tube: L=2,475 m, right tube L=2,420m) which represents approx.. 94% of the total scope of works on this section. The total length of the remaining open alignment on this sub-section is 150 m.</p> <p>The works are let under single contract based on FIDIC Red Book Conditions of Contract (1st edition, 1999). A separate consultancy contract is awarded to another firm for construction supervision in the role of the Engineer. Assisting the Employer with contract implementation and administration, including monitoring physical and financial progress of works, managing process of design modifications if required, advising PIU with respect to managing variations, settling claims and disputes, monitoring the quality of works and performance of both the Contractor and the Supervision Consultant etc.</p>
<p>February 2017 – September 2019</p>	<p>Roughton International Ltd Team Leader/ Consultant’s Authorized Representative</p> <p>Client/contact for references: State Road Administration of the Republic of Moldova, Mr Iulian Mornealo, Head of Foreign Investment Department mornealo@asd.md</p>	<p>Moldova</p>	<p>Project Management Consultancy Services for Moldova Local Roads Improvement Project Project Management services to facilitate provision of safe and sustainable local road accessibility to education, health and market facilities along selected corridors (initially in the Development Region Central). Project objectives include 2 main components as follows:</p> <p>Component A: Rehabilitation and Maintenance of Local Roads. Implementation of the civil works and associated consultancies contracts. The civil works consist of rehabilitation and upgrading of about 150 km of Local Roads in the Development Region Centre. The works will be carried out in phases during about five years of project life within the available budget of US Dollars 75 million. The bidding process involves post qualification of bidders in line with latest WB standard documents for Small/Large Works Contracts.</p> <p>Component B: Institutional strengthening. Building capacity within the sector for efficient and effective maintenance and improvements to the regional and local road networks. The support to Government institutions is focused on building capacity for road network management in SRA and selected local authorities.</p> <p>Authorized signatory to the contract on behalf of the Company. Ensuring legal and administrative compliance with local regulations. Staff & HR management. Responsible to the Employer for overall quality of consultancy services and project deliverables. Liaison with the Employer on issues critical for project implementation.</p> <p>As the Team Leader, provided support to SRA in day-to-day management of the Local Roads Improvement Project but also provision of specific inputs in the following areas:</p> <ul style="list-style-type: none"> • Build institutional capacity for management reform of local roads; • Develop and implement institutional capacity for local roads planning, design and construction standards; • Strengthen road fund expenditure monitoring and evaluation system; • Preparing framework for local roads maintenance contracts on the basis of Output- and Performance-based Road Maintenance Contracts;

			<ul style="list-style-type: none"> • Recommendations with respect to adoption of Road Asset Management System adequate for local, regional and national roads; • Support to the local roads safety program; • Project/contract management support to SRA, including mediation in dispute with the Contractor and later on advice and support with respect to Adjudication and Arbitration proceedings. • Procurement support to SRA during procurement of consultancy services (design, supervision) and works; • Review of designs and bidding documents prepared by other consultants and advising the Client on their appropriateness for inclusion in the programme. • Monitoring and evaluation support to SRA with respect to Loan Agreement monitoring and evaluation indicators; • Supervision and monitoring of Environmental Management Plans implementation to SRA; • Development of Local Road Planning, Design, Construction and Maintenance Manual and their introduction in practice. • Build Capacity for Reform of Local Roads Management; • Support Local Roads Safety Programme; • Support the SRA and Local Public Authorities in Local Roads management responsibilities to ensure suitable levels of service. • Institutional & Operational Analysis; • Training Needs/Experience Gap Analysis; • Development and delivery of on-the-job and formal Training Programmes.
November 2016 – October 2019	<p>Roughton International Ltd Team Leader/ Consultant's Authorized Representative</p> <p>Client/contact for references: RUE Minskavtodor Centre Alexei Chernyuk, Deputy Director RUE Minskavtodor Centre, T: +385 17 259-85-04, E: achernuk@tut.by</p>	Belarus	<p><u>Technical Support and Training for the Local Engineering Institution Involved in Works Supervision under FIDIC Conditions of Contract</u></p> <p>Provision of technical support to RUE Minskavtodor Centre (the Employer) and RUP Beldorcentre Institute (the Engineer) to ensure compliance with FIDIC Conditions of Contract for 8 works contracts let under FIDIC MDB 2010 Harmonized Edition (Pink Book) for rehabilitation and upgrade of 211 km of the road grouped 8 sections on M-6 Minsk – Grodno – Polish border (Bruzgi) arterial road through.</p> <p>Works included rehabilitation and modernization of the existing carriageway (2 lane road) and construction of additional carriageway to the full motorway profile. Works also included construction of 18 new structures (bridges, flyovers, animal passes etc.).</p> <p>Technical support to the Employer and the Engineer (local road institute) in relation to administration and management of FIDIC civil works contracts. Training of Employer's and Engineer's personnel in contractual procedures, contract management and administration of works under FIDIC conditions of contracts. Training had two components: 2 formal training sessions (total 7 training modules), performed with sub-consultant Arcus Academy (Mr Brian S Barr), and day-to-day hands-on-the-job training through the implementation of project activities.</p>

			<p>In the role of the Team Leader for the technical assistance team, responsible for:</p> <ul style="list-style-type: none"> (i) Organization, provision of human and other resources and scheduling of Consultant's activities; (ii) Preparation of progress reports; (iii) Liaising on a regular basis with the Employer, the Engineer and other key stakeholders to ensure timely and appropriate generation, collection, dissemination, storage and disposition of Project information; (iv) Assistance with actions and communications related to the administration and management of the civil works contracts; (v) Assistance to the Engineer with examination of Contractor's invoices, statements and reports for compliance with contractual terms; (vi) Assistance to the Engineer with claims evaluation and disputes resolution; (vii) Assistance with development of the training programme and preparation of the training material; (viii) Organizing and implementing FIDIC training workshops and on-the-job training.
February 2016 – July 2016	<p>Roughton International Ltd Project Manager/Consultant's Authorized Representative</p> <p>Client/contact for references: European Bank for Reconstruction and Development Mr Marcos Martinez Garcia, Infrastructure PPP Specialist, martinem@ebrd.com Mr Toshiaki Sakatsume, Transport Economist sakatsut@ebrd.com</p>	Regional (Albania, Kazakhstan, Moldova, Morocco, Romania, Serbia, United Kingdom)	<p>Regional: IPPF – Performance-based Contracting for Roads – Policy Dialogue</p> <p>Provide interested Governments in the EBRD's countries of operation with information and guidance on the required institutional reforms to facilitate private sector participation in performance-based contracting for roads. Furthermore, the assignment will result in finalization of the Infrastructure Policy Paper on Performance-Based Contracts for Road Maintenance and Operations. This initiative was delivered through a combination of structured interviews and communication with beneficiaries from selected target countries (initially Azerbaijan, Albania, Kazakhstan, Moldova, Bulgaria, Romania, Morocco and Serbia) and one-day Seminar held in London bringing participants from target countries (Albania, Kazakhstan, Moldova, Morocco, Romania, Serbia) at round table in order to discuss and address policy issues and market oriented reforms that are needed in order to implement road PBC and/or improve the way the sector functions for sector participants.</p> <p>The Policy Paper focused on defining the challenges and their importance to the sector in question, and point toward the range of possible policy solutions including best-practice, market-driven approaches and other 'commercialized' alternatives used successfully to achieve results.</p> <p>The document can be accessed at: www.ebrd.com/documents/municipal-infrastructure/policy-challenges-in-the-implementation-of-performancebased-contracting-for-road-maintenance.pdf</p> <p>In the role of the Project Manager, responsibility for management and delivery of the consultancy contract. Liaison and communication with EBRD officials on detailed planning for the policy dialogue. Liaison, communication and meetings with representatives of the road sector from participating countries. Organization of logistic arrangements for seminar in London. Co-chairing and moderating policy dialogue seminar in EBRD headquarters in London. Responsible for co-ordination and drafting of project deliverables: Inception Report, Short Memo, Policy Paper.</p>
January 2015 –	Roughton International Ltd	Moldova	Road Maintenance Reform Assistance project

December 2015	<p>Team Leader / Consultant's Authorized Representative</p> <p>Client/contact for references: State Road Administration of Moldova Mr Gheorghe Curmei, Chairman gheorghe.curmei@asd.md</p>		<p>In 2011, the Government of Moldova started a consolidation process of the road sector in order to consolidate and decrease the number of road maintenance enterprises/joint stock companies from 39 to only 12, which, after completion of preparatory activities and respective justification, will be further privatised.</p> <p>The action plan also includes adjustments of the legal and regulatory framework and adaptation of technical specifications and standards for road maintenance to international standards, introduction of modern road maintenance technologies.</p> <p>Other foreseen actions included development of multiple-year performance-based routine maintenance contracts, development of Road Management System (RMS) and Bridge Management System (BMS), and training of staff.</p> <p>In addition to the consolidation of road maintenance enterprises, additional structural reforms have also been undertaken and should be continued with regards to road maintenance contracting through public procurement of most of the periodical road maintenance and repairing works.</p> <p>In charge of team of 8 international experts tasked to:</p> <ul style="list-style-type: none"> - Develop privatisation action plan and support for privatisation of 12 road maintenance companies; - Develop model for a new type of road maintenance contracts (performance-based road maintenance contracts) and contracting strategy for pilot contracts; - Assess and make recommendations in relation to road and bridge management systems currently in use by Moldovan State Road Administration - Develop capacity building plan for Moldovan State Road Administration and road maintenance companies including privatisation support, introduction of competition in future, monitoring of performance based contracts and payments; - Identify and draft necessary legal changes (including secondary legislation and regulations) <p>Liaising with representatives of the State Road Administration of Moldova (Client), the Ministry of Transport and Road Infrastructure of Moldova (main stakeholder), road maintenance companies (potential beneficiaries) and EBRD representatives (funding Agency) in all matters related the above 5 main project components.</p>
April 2014 – October 2018	<p>Roughton International Ltd Claims Expert / Consultant's Authorized Representative</p> <p>Client/contact for references: JP Ceste FBiH Amra Smailagić, Head of Project Management Department at JP Ceste</p>	Bosnia and Herzegovina	<p><u>Engineer Services for Construction of the Tunnel Karaula</u></p> <p>In order to modernize M-18 road (single carriageway, dual lane) connecting the capital city Sarajevo with major industrial/regional center Tuzla in the north-east, a new 2.5 km long section including 900m long tunnel will be constructed to shorten journey time and improve traffic safety.</p> <p>Works contract let under FIDIC Conditions of Contract (Red Book, 1st edition 1999) to an international contractor. Advising the Team Leader/Engineer's Representative on contractual consequences of Site Instructions and actions of the Contractor and members of the supervision team, on contractual consequences of potential disputes or other unusual events and on possible contractual remedies in case of delays incurred by the Contractor, non-conformity with the provisions of the Works Contract and similar.</p>

	FBiH, T: +387 33 250 378, Email: asmailagic@jpcfbih.ba		Analyzing and giving recommendations with respect to Contractor's Requests for Variations. Assisting the Team Leader/Engineer's Representative. Evaluation of the Contractor's claims. Advising the Team Leader/Engineer's Representative when drafting Engineer's Determinations. Assisting the Employer with drafting Statement of Defense in front of DAB appointed to adjudicate under the Works Contract.
September 2011 – August 2018	Roughton International Ltd Acting Team Leader/Engineer's Representative (from 15 May 2015) and Project Director/Claims advisor Client/contact for references: JP Autoceste FBiH Mr Antonio Križanac, Project Manager k.antonio@jpautoceste.ba	Bosnia and Herzegovina	Construction supervision of the Motorway on Corridor Vc, section Počitelj – Bijača, sub-section Zvirovići – Bijača Contract 1 (Kravice - Bijača, L=4.06 km) includes route construction and plateau for border crossing between Bosnia and Herzegovina and the Republic of Croatia/the European Union, 1 overpass, 3 underpasses, 1 interchange, toll station and center for maintenance and traffic control - a complex of 6 new buildings with total area of approx. 4,500 m2. Works also include rehabilitation of a 7.6km regional road. Works contract let under MDB FIDIC Harmonized Edition (March 2006) . Contract 2 (Zvirovići - Kravice, L=5.00 km) includes route construction, 1 interchange with 1 overpass and 1 underpass, 2 bridges and a viaduct (respective lengths 590m, 380m and 380 m) and a tunnel (L=400 m). Works also include rehabilitation of a 8.6km regional road. Works contract let under FIDIC Red Book Conditions of Contract (1st edition, March 1999) . Consultant's Authorized Representative during the construction phase of the both works contracts, assuming the duties of the Acting Team Leader/Engineer's Representative during the Defects Notification Period and activities including instructing remedial measures for observed defects. Ensuring financial arrangements for smooth project implementation. Responsible for selection, appointment and replacement of project experts. Responsible for overall quality of consultancy services and project deliverables. Liaison with the Client on issues critical for project implementation. Instructing corrective actions if required. Initially advising the original Team Leader/Engineer's Representative in managing and issuing variations, Statement at Completion, assessing claims and disputes and advising the Employer on project closure activities. In later stages of the consultancy assignment, acting as the Team Leader/Engineer's Representative delegated by the Company. Design and oversight of delivery of the on-the-job training programme for counterpart Employer staff. Drafting the Engineer's Claims Evaluation Reports and Determinations for Contract 2. Assisting with Employer's strategy, drafting the Employer's Referrals and Responses to DAB and taking part at Hearings on behalf of the Engineer. Assisting the Employer with developing strategy post DAB rulings (in cases where NOD was issued), which resulted in Amicable Settlement with the Contractor.
January 2014 – July 2016	Roughton International Ltd Project Manager (equivalent to the Engineer) for the Works Contract/ Project Director /	Georgia	Supervision of Works for Rehabilitation of Sasadilo – Sioni Road Sasadilo - Sioni 17.43 km long secondary road is two lane single carriageway, passing through five medium sized villages in Kakheti region. The road crosses dry ravines as well as the river Iori and its branches. Farming lands are located along the road. The existing road pavement was damaged and required rehabilitation. There are five

	<p>Consultant's Authorised Representative</p> <p>Client/contact for references: Roads Department of the Ministry of Regional Development and Infrastructure of Georgia, Mr Irakli Litanishvili, Deputy Chairman, Mr Nugzar Gasviani, Deputy Chairman info@georoad.ge</p>		<p>bridges along the road, also requiring repairs. Two of them are comparatively long (bridges over the river Iori are 86 m and 88 m long). Drainage pipes, culverts and retaining walls also require rehabilitation. Design and build contract let under the World Bank Small Works Conditions of Contract.</p> <p>Authorized signatory to the supervision contract on behalf of the Company and acting as the Project Manager (equivalent role as the Engineer in FIDIC conditions of contract) for design-build contract. Responsible for selection and appointment of key and non-key project experts, establishment of the project office and logistic arrangements for the project team. In the role of Project Director/the Project Manager for Works Contract, assisting the Team Leader in project management and contractual issues related to the execution and administration of the Works Contract. Facilitated drafting contractual correspondence and Project Manager's Decisions.</p>
<p>January 2013 – February 2017</p>	<p>Roughton International Ltd Engineering Management Specialist (claims, disputes, DAB support)/ Project Director / Consultant's Authorized Representative</p> <p>Client/contact for references: State Road Administration of the Republic of Moldova, Mr Iulian Mornealo, Head of Foreign Investment Department mornealo@asd.md</p>	<p>Moldova</p>	<p>Implementation Assistance to the State Road Administration of the Republic of Moldova Technical assistance to State Road Administration (SRA) of Moldova with implementation of 181.2 million Euros worth Road Rehabilitation Project III, co-financed by EIB, EBRD and the European Commission. The objective of the project is to halt further deterioration of the road network in Moldova and to ensure key road links are maintained to facilitate economic growth and regional integration of the country.</p> <p>Provision of high-level experts to assist the State Road Administration with:</p> <ul style="list-style-type: none"> (i) procurement of works and services contracts; (ii) further development of the existing procurement rules and preparation of new procurement policy and procedures; (iii) all aspects of project implementation for civil works and services contracts within the framework of the Project; (iv) implementation of the Anticorruption Action Plan (v) assessing the training needs for SRA staff both for operational and managerial level; (vi) institutional reform of organizational, administrative and budgetary aspects of SRA; <p>Authorized signatory to the supervision contract on behalf of the Company. Responsible for selection and appointment of key and non-key project experts, establishment of the project office and logistic arrangements for the project team. Financial control and budget reporting. Staff and human resources management.</p> <p>In the role of the Engineering Management Specialist (from October 2016), assisting the Team Leader in project management and contractual issues related to the execution and administration of services, including advice to the Employer in relation to establishing DABs, Employer's referrals to DABs, as well as preparation of Defence in front of the international Arbitration in a dispute with major international contractor. Liaison with Engineer's Representatives for particular Works Contracts. Liaison with IFIs representatives during the works execution and during their formal missions to Moldova.</p>

<p>June 2012 – July 2014</p>	<p>Roughton International Ltd Acting as the Engineer for the Works Contract / Project Director / Consultant's Authorized Representative</p> <p>Client/contact for references: Ministry of Science, Industry and Technology of the Republic of Turkey, Mr Enver Yalcin, DG for EU and Foreign Affairs, Directorate of EU financed programmes, IPA Project Implementation Officer, enver.yalcin@sanayi.gov.tr</p>	<p>Turkey</p>	<p><u>Construction of Technology Development Zones in Gaziantep, Kayseri and Elazığ - Lot 3, Construction Supervision for the Firat Technology Development Zone in Elazığ</u></p> <p>Firat Technopark was established in 2007 by Firat University and Bilkent Cyberpark. Currently there are only 2 buildings and the techno park needs to expand the infrastructure in order to improve operating capacity. The current project will boost up the capacity by construction of a 3-storey 10,000 m2 office building and adjoining infrastructure, including 1.6 km of internal roads, parking lots, communal infrastructure etc. Construction Supervision for Firat Techno park in the role of the Engineer as per Works Contract.</p> <p>Works contract let under FIDIC Red Book (1st edition, March 1999) Conditions of Contract as a <u>lump-sum contract</u>. Value of Works: approx. 3.7 million Euros.</p> <p>Authorized signatory to the supervision contract on behalf of the Company;</p> <p>Acting as the Engineer for the Works Contract on behalf of the Company. Assisting the Team Leader (Engineer's Representative) in project management and contractual issues related to the execution and administration of the Works Contract; Evaluation of the Contractor's Claims and preparation and issuance of the Engineer's Determinations as per Conditions of Contract for Works.</p>
<p>January 2011 – October 2014</p>	<p>Roughton International Ltd Project Director / Consultant's Authorized Representative</p> <p>Client/contact for references: Romanian National Company for Motorways and National Roads, Mr Methenitis Panayiotis, Vice-Chairman Hill International (JV Leader), Panayiotis.Methenitis@hillintl.com</p>	<p>Romania</p>	<p><u>Design and Construction Supervision of Lot B: DN15 Reghin – Toplita and DN12 Toplita – Chichis road sections</u></p> <p>The works consists of reinforcement of the existing carriageway to achieve a bearing capacity of 11.5 t/axle load (overall width: 7m to 10m). Works includes also rehabilitation and extension of existing drainage infrastructure and other works, such as: retaining walls, ditches, drains earthworks, rehabilitation of access roads, signage and road markings. Rehabilitation of bridges. Longest bridge: 3 spans with a total length of 106m. Preparation of Feasibility Studies, technical expertise and environmental studies. Preparation of design, including geotechnical and topographical surveys. Preparation of Pre-qualification and Tender Documents, Assist the Client in the evaluation of works tender.</p> <p>Overall supervision of construction of works let under FIDIC Yellow Book Conditions of Contract (1st edition 1999), including training on contract management and site supervision.</p> <p>Authorized company representative in joint venture of consultants appointed for services contract. Assisting the JV leader's Project Director in consultancy contract management duties. Financial control and budget reporting. Staff and human resources management.</p>
<p>April 2011 – August 2011</p>	<p>Roughton International Ltd Project Director / Consultant's Authorized Representative</p> <p>Client/contact for references: Ministry of Transport and</p>	<p>Armenia</p>	<p><u>Preparation of Design and EMP for The Additional Financing 2 - Lifeline Roads Improvement Project Year 2011 Roads Rehabilitation Works</u></p> <p>Preparation of design, traffic studies, geotechnical studies, hydrological and hydraulic studies, feasibility studies and economic analysis using HDM-IV for various pavement rehabilitation options, EIA studies, detailed designs for rehabilitation works and bidding documents for pavement rehabilitation and upgrade for 8 sections of secondary roads totaling around 100 km as part of Lifeline Roads Improvement Programme for 2011. Project</p>

	<p>Communications of the Republic of Armenia, Mr Karen Badalyan, Deputy Director, Transport Project Implementation Unit State Institution kbadalyan@transportpiu.am</p>		<p>roads are providing access of villages to the network of national roads. Most road sections are in mountainous or hilly terrain. Construction works funded by the World Bank loan. Authorized signatory of legal and financial documents on behalf of the company. Responsible for selection and appointment of key and non-key project experts, establishment of the project office and logistic arrangements for the project team, collection of existing data, studies and designs and organizing extensive field surveys. Managing sub-contractor. Together with the Team Leader, co-ordination and management of the feasibility study, preliminary and detailed design and environmental studies. Responsible for quality of services and project deliverables. Instructing corrective actions as required. Assisting the Team Leader in project management duties. Financial control and budget reporting. Legal and administrative compliance with local regulations and tax procedures. Staff & HR management. Liaison with the Client.</p>
<p>March 2011 – March 2015</p>	<p>Roughton International Ltd Project Director / Consultant's Authorised Representative</p> <p>Client/contact for references: Roads Department of the Ministry of Regional Development and Infrastructure of Georgia, Mr Irakli Litanishvili, Deputy Chairman, Mr Nugzar Gasviani, Deputy Chairman info@georoad.ge</p>	<p>Georgia</p>	<p><u>Preparation of a Framework for the Design and Implementation of Concessions (Contracts) for Performance-Based Road Maintenance</u> Development of contract framework for introduction and implementation of Performance-based Road Maintenance Concessions (Contracts) for maintenance of sections of East - West Highway. Contract framework shall be developed through consultations with main stakeholders using existing laws and regulations for road maintenance operations to maximum extent possible. Introduction of performance indicators and development of adequate contract format for performance-based maintenance contracts (concessions) for the first time in Georgia.</p> <ul style="list-style-type: none"> (vii) Assessed capacity of road industry and current maintenance activities (viii) Consultations and training for Client's staff (ix) Development of contract format including performance indicators and schedule of penalties (x) Development of a Road Maintenance Manual based on appropriate engineering standards, Standard Specifications for maintenance works and operations and Tender Evaluation Guidebook (xi) Feasibility study to determine concession period, scope of works, performance indicators and estimated costs (xii) Prepared implementation of rehabilitation and maintenance for 250-300 km of roads. <p>Authorized signatory of legal and financial documents on behalf of the company. Assisting the Project Manager in project management duties and production of deliverables. Financial control and budget reporting. Compliance with local regulations and tax procedures. Staff and human resources management. Liaison with the Client.</p>
<p>March 2011 – June 2012</p>	<p>Roughton International Ltd Project Director / Contract Specialist Consultant's Authorised Representative</p>	<p>Serbia</p>	<p><u>Supervision of Road Rehabilitation Works and Environmental Monitoring</u> Construction supervision for rehabilitation of 8 priority road sections on five main and regional roads on Serbian road network, combined with detailed monitoring and mitigation of environmental impact of works.</p>

	<p>Client/contact for references: Public Enterprise “Roads of Serbia” Mrs Gordana Subotički Đorđević, Director of the Investment Department gordana.subotickidjordjevic@putevi-srbije.rs</p>		<p>The rehabilitation works cover primarily pavement rehabilitation and to a smaller extent pavement reconstruction (sub-base renewal). Additionally, it involves rehabilitation of drainage, barriers, retaining walls, culverts and traffic signalization.</p> <p>Works contracted under World Bank’s Conditions of Contract for Small Works through 8 works contracts. Authorized signatory to the supervision contract on behalf of the Company. Responsible for selection and appointment of key and non-key project experts, establishment of the central project office, field offices and logistic arrangements for the project team, collection of existing data, studies and designs. In the role of Project Director/Contract Specialist, assisting the Team Leader and Resident Supervision Engineers in project management and contractual issues related to the execution and administration of the Works Contract. Assistance in drafting contractual correspondence. Financial control and budget reporting. Legal and administrative compliance with local regulations and tax procedures. Staff and human resources management. Liaison with the Client.</p>
May 2009 – October 2009	<p>Roughton International Ltd Project Director / Consultant’s Authorised Representative</p> <p>Client/contact for references: General Roads Directorate of Albania, Mr Ylli Gjoni, Deputy Director (former) ylli.gjoni@seedconsulting.al</p>	Albania	<p><u>Preparation of Detailed Design, Works Tender Documents and Environmental Impact Assessment for Alternative Alignment from Km 14+300 - 15+225 of the Gjirokaster - Tepelene Section of the North South Corridor</u></p> <p>The main objective of this EU-funded assignment is re-alignment of the existing SH-4 National Road Section from Gjirokaster to Tepelene in order to by-pass existing unstable slope area in Hormova by diverting the route onto the river terrace on the left side of Drinos. The length of re-aligned route is approx. 1.6 km. Two river crossings were achieved by two multi-span continuous pre-stressed concrete bridges, each approx. 200 m long.</p> <p>The services to be provided by this consultancy assignment comprise:</p> <ul style="list-style-type: none"> (i) Provision of topographic, hydrology, geotechnical and materials survey; (ii) Preparation of detailed design for route re-alignment on left side of Drinos river in order to avoid existing slope stability area; (iii) Preparation of detailed design for two bridges over Drinos river; (iv) Preparation of Environmental Impact Study for re-aligned section; (v) Road safety audit for re-aligned section; (vi) Preparation of bidding documents for works contracts to EU tender procedures. <p>Responsible for selection and appointment of key and non-key project experts, establishment of the project office and logistic arrangements for the project team. Collection of existing data, studies and designs. Organized extensive field surveys. Managed sub-contracts. Together with the Team Leader, coordinated and managed preparation of the feasibility study, preliminary and detailed design and environmental studies and bidding documents for works using EU/PRAG rules. Acted as a Team Leader in final stages of the project.</p>

<p>August 2008 – December 2011</p>	<p>Roughton International Ltd Project Director / Consultant's Authorised Representative</p> <p>Client/contact for references: JP Ceste FBiH Amra Smailagić, Head of Project Management Department at JP Ceste FBiH, T: +387 33 250 378, Email: asmailagic@jpcfbih.ba</p>	<p>Bosnia and Herzegovina</p>	<p>Road Rehabilitation Project: Consulting Services Assistance in Implementation of Road Projects</p> <p>Implementation of the 4-year road rehabilitation programme on about 1.040 km of main (trunk) road network of the Federation of Bosnia and Herzegovina through large number of LCB construction contracts based on national contract form comparable to FIDIC. Funding for works contracts provided from EIB/EBRD/WB loans in excess of 105 million EUR.</p> <p>Overall responsibility and objective of the technical assistance is to assist the Roads Directorate of the Federation of Bosnia and Herzegovina through the Project Implementation Management Team (PIMT) with the procurement of works in compliance with the Bank's procurement procedures and thereafter to assist with contract implementation, administration and supervision of rehabilitation works programme for 99 identified sections on about 1.040 km of road network of the Federation of Bosnia and Herzegovina, in period 2008 - 2011.</p> <p>Authorized signatory of legal and financial documents on behalf of the company. Assisting the Project Manager in the role of Project Director in project management duties. Financial control and budget reporting. Legal and administrative compliance with local regulations and tax procedures. Staff & HR management. Liaison with the Client</p>
<p>March 2008 – November 2009</p>	<p>Roughton International Ltd Project Co-ordinator/ Consultant's Authorised Representative</p> <p>Client/contact for references: Albanian Development Fund, Mr Blendi Bushati, Director, Regional Development Department bbushti@albaniandf.org</p>	<p>Albania</p>	<p>Project Preparation Facility for Secondary and Local Roads Project</p> <p>Improving the planning capacity, investment prioritization and strategy for over 3,000 km feeder roads throughout Albania.</p> <ul style="list-style-type: none"> • Phase 1: Economic, social, technical and environmental feasibility of rehabilitation of identified priority sections for 3000 km of the district and local roads. Draft investment implementation strategy with necessary institutional support; • Phase 2: Detailed engineering design, tender documentation for 2 years' investment programme of works for the identified sections totaling in 400 km; • Carry out road inventory and condition survey, establish ROMAPS-based road investment planning tool, carry out feasibility, environmental and social studies. Prepare road investment programmes for first 2 years, including detailed designs and tender documentation for 400 km roads. <p>Responsible for selection and appointment of key and non-key project experts, establishment of the project office and logistic arrangements for the project team. Together with Team Leaders, organizing extensive field surveys including road condition surveys, road inventory, GIS survey, traffic counts, roadside interviews etc. Managing large number of sub-contracts, co-ordination and management of the feasibility study, preliminary and detailed design and environmental studies. Responsible for quality of services and project deliverables. Together with the Team Leader, liaison with the Client and local authorities on issues critical for project implementation. Instructing corrective actions as required.</p>

<p>December 2007 – March 2011</p>	<p>Roughton International Ltd Project Co-ordinator / Consultant's Authorised Representative</p> <p>Client/contact for references: General Roads Directorate of Albania, Mr Ylli Gjoni, Deputy Director (former) ylli.gjoni@seedconsulting.al</p>	<p>Albania</p>	<p>Project Management Services for Construction of Rreshen – Kalimash Motorway</p> <p>The planned 171 km long route between Durres and Morine connects Albania's main port of Durres with northern border with Kosovo and the rest of South Balkans. The General Roads Directorate has awarded a contract for the fast track construction of the project, two contracts for the design of the project and a contract for the construction supervision.</p> <p>For the 61 km long Rreshen - Kalimash section, full dual-carriageway motorway profile is constructed, including a 5.5 km long dual-tube tunnel at Tirra. Other works include construction of 29 bridges totaling 4.4 km and 6.4 km of retaining walls.</p> <p>Most of the works were constructed in a very difficult mountainous terrain in Northern Albania, involving over 3,800 labor and engineering staff on site.</p> <p>Works contract let under modified FIDIC 1999 Red Book contract conditions.</p> <p>Authorized signatory of legal and financial documents on behalf of the company. Assisting the Project Manager in the role of Project Director in project management duties. Financial control and budget reporting. Legal and administrative compliance with local regulations and tax procedures; Staff & HR management. Liaison with the Client.</p>
<p>December 2006 – November 2007</p>	<p>Roughton International Ltd Quantity Surveyor / Contract Specialist</p> <p>Client/contact for references: Ministry of European Integration of Romania Mr Martin Bennett, former Team Leader, martinbennett99@yahoo.co.uk, Mr Brian Barr, former Team Leader bsbarr@hotmail.co.uk</p>	<p>Romania</p>	<p>Management & Site Supervision of Works Financed under PHARE 2002 ESC & PHARE 2003 ESC</p> <p>The main objectives of this supervision contract are to manage the ensuing works contracts and supervise their implementation, as the “Engineer” according to FIDIC Conditions of Contract for Construction (1st edition, March 1999), in the specified parameters of time, cost, quality and safety and to provide relevant theoretical and on-the-job training to the works contracts beneficiaries. Project components included:</p> <ul style="list-style-type: none"> • Development of Tourist potential of Health Resort Moneasa, Arad County, including Rehabilitation of county road 792B, construction of administration, sports and tourist information centers buildings, water supply, sewage, water treatment and WWTP works and park improvement activities (PHARE 2003 ESC); • Construction of parking spaces for cars and buses in the area of monasteries of Suceava County (PHARE 2003 ESC); • Rehabilitation of Agapia Monastery Tourist Area involving rehabilitation of 117 historic monastery houses, monastery alleys and attached infrastructure (PHARE 2002 ESC); • Rehabilitation of DJ 131 Regional Road (L=55.2 km) in order to improve the Regional Traffic (Brasov-Covasna-Hargita Counties) involving rehabilitation and widening of existing pavement, bridges and culverts (PHARE 2002 ESC); • Development of Luna Ses – Borsa Touristic Area involving construction of new ski resorts with ski chairlift, administration and utilities buildings, access roads and utilities.

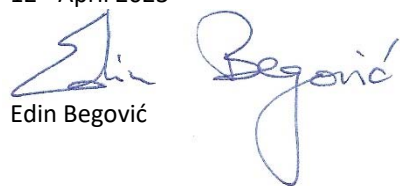
			Duties included measurement of quantities executed on site. Checking and approval of the Contractor's Payment Applications, processing Variation Orders and assisting Team Leaders/Engineer's Representatives with claims evaluation. Assistance with preparation of Employer's referrals and responses for Dispute Adjudication Board.
September 2001 – February 2006	<p>Roughton International Ltd Local Project Manager</p> <p>Client/contact for references: Ministry of Maritime Affairs and Transport of Montenegro Mr John Saunbury, former Managing Director, Roughton International Ltd johnsaunbury@hotmail.com</p>	Montenegro	<p><u>Rehabilitation and upgrading of six vulnerable sections of the mountainous section of the Podgorica-Kula road (supervision stage)</u></p> <p>Rehabilitation and upgrading of six vulnerable sections of the mountainous section of the Podgorica-Kula road (Kula is at border with Kosovo). Supervision phase of Podgorica-Kula Road Project (Montenegro), consisting several works contracts let under FIDIC Red Book (1987 edition) conditions of contract:</p> <ul style="list-style-type: none"> • Contracts 1 and 2: Rožaje-Kula road 18km pavement rehabilitation and upgrading in mountainous terrain, • Contract 3: Lokve Tunnel (1.2 km long) structural rehabilitation, waterproofing, lighting, ventilation, safety system and pavement works, • Contract 4: Rogov Krš emergency rock slope stabilization with rock-anchorage, shotcrete and grillage to protect road and railway. • Contract 5: Mojkovac Climbing lanes pavement reconstruction, addition of 3rd (climbing lane), retaining walls, drainage, and rehabilitation of two bridges. <p>As part-time Local Project Manager and a Director of a sub-consultant to the main international consultant for the project, responsible for provision of local experts and logistic arrangements for the project team. Selection and appointment of local members of the supervision team (all but Team Leader) Responsible for quality of services and project deliverables. Together with the international Team Leader, liaison with the Client on issues critical for project implementation. Instructing corrective actions as required.</p>
November 2000 – June 2001	<p>Roughton International Ltd Local Project Co-ordinator / Quantity Surveyor</p> <p>Client/contact for references: Ministry of Maritime Affairs and Transport of Montenegro Mr John Saunbury, former Managing Director, Roughton International Ltd johnsaunbury@hotmail.com</p>	Montenegro	<p><u>Rehabilitation and upgrading of six vulnerable sections of the mountainous section of the Podgorica-Kula road (design stage)</u></p> <p>Study and design phase for KfW funded rehabilitation and upgrading of of six vulnerable sections of the mountainous section of the Podgorica-Kula road (Kula is at border with Kosovo). Producing preliminary design and cost estimate for "Krstac" bridge (L=65.0 m) near Mojkovac. Producing cost estimate for rehabilitation of Rožaje – Kula road (L=18 km). Evaluation of prequalification applicants for 4 civil works tenders. Management and administration of local experts and support staff involved in the project.</p>
June 1999 – November 2000	<p>Roughton International Ltd Water / Sanitation Engineer, Project Officer</p>	Bosnia and Herzegovina	<p><u>Development of water supply and sanitation Emergency Preparedness plan for up to 50.000 refugees in lieu with UNHCR and other agencies</u></p>

	Client/contact for references: Oxfam GB		Development of water supply and sanitation Emergency Preparedness plan for up to 50.000 refugees in lieu with UNHCR and other agencies. (DfID-funded) Assessment of water supply, sanitation and hygiene situation in refugee camps in order to upgrade water supply and sanitation provisions and hygiene practices for residents of collective and transit centers in Bosnia and Herzegovina. Organisation and delivery of training seminars in Water and Sanitation in emergency situations for counterpart local NGOs and other stakeholders.
January 1999 – March 1999	Roughton International Ltd Project Assistant, CAD Client/contact for references: CIP Traffic Institute, Belgrade, Serbia	Serbia	<u>Detailed design and studies for new Central Railway Station “Beograd Centar” in Belgrade</u> Detailed design and studies for new Central Railway Station “Beograd Centar” in Belgrade (Prokop). Structural design calculations of specific positions of the project, CAD drawings for structural elements.

Certification:

I, the undersigned, certify that to the best of my knowledge, these data correctly describe me, my qualifications and my experience.

12th April 2023


 Edin Begović