Career Overview & Key Skills

| **Name:** | **Victor ILAS**, from Romania (UE) |
| --- | --- |
| **Role:** | Project Manager / Construction Manager / Resident Engineer |
| **Experience:** | With over **22 years** of experience, including +**18 years** in **works supervision, contract administration,** and **site management**. |
| **Availability:** | Availability in 14 days after the final decision/agreement. |
| **Desired Location:** | Europe |

**This Chartered Engineer has 22 year’s post-graduate experience in construction field. Projects worked on include various new construction and rehabilitation/refurbish works for exhibition buildings, healthcare buildings, office buildings, water treatment plants, water distribution, sewerage systems, pumping stations, and reservoirs. Victor has been responsible for supervision and construction management activities. In this regard, Victor can succeed in all stages of site construction/supervision activity, including installation/testing/commissioning and handing over of the most important electro-mechanical plant and installations.**

* He possesses exceptional abilities in managing **Construction Projects (CPM)** for buildings (concrete & steel).
* He has a great deal of knowledge in **Project Coordination** of infrastructure projects.
* He has in-depth knowledge of **Contract Administration** – based on the **FIDIC** *Conditions of Contract*.
* He has expertise in **Construction Site Management** / **Site Supervision & Quality Control of Works**.
* He has a comprehensive understanding of **team management** and **conflict management**.
* He has excellent **communication skills** and a **teamwork spirit**.

Education & Membership

| **From** | **To** | **Qualification** | **University / Institute** |
| --- | --- | --- | --- |
| 2021 | - | **Construction Project Manager (CPM)** | Europroiect Estate & PMI / Romania |
| 2014 | - | **EurIng / European Engineer** | FEANI / Brussels (UE) |
| 2004 | 2006 | **MSc in Civil Engineering**, specialty:  The Rehabilitation and the Increase Construction Safety. | “Gheorghe Asachi” Technical University of Iasi / Romania (UE) |
| 1995 | 2000 | **BSc in Civil Engineering**, specialty:  Civil, Industrial and Agricultural Engineering. | “Gheorghe Asachi” Technical University of Iasi / Romania (UE) |

Employment Experience

**Eptisa Romania SRL May 2022 – Nov 2023 Resident Engineer / PM**

**Project & Duties:**

* **“Extension of water supply networks, sewerage, and individual connections in localities from Iasi County”** The Project consists of twenty-eight (28) Works Contracts, for which I have been appointed to the Resident Engineer position for Construction Management and Site Supervision of three (3) Works Contracts. Related to the urban agglomerations from UAT Ciurea, UAT Miroslava and UAT Comarna. For these areas, the Project included extension of 15 Km of water supply pipe work along with hydrants installation, as well as construction of 43 Km of main pipe networks. As well as, the extension of 69+20 Km of sewer pipe works along with related manhole chambers, and installation of 47 pumping stations (mono-block’s type).
* Responsible for contract administration. Liaising between customers/Client, design team, and contractors.
* Responsible for review method statement and any request for information relating to design/works.
* Coordinate with design representative for resolution, site instructions and any additional drawings required.
* Review documents submitted for approval by the Contractor (material, equipment, tests, commissioning, “As-Built” drawings) and ensure prompt exchange of correspondence and approvals.
* Generally, supervise, review, monitor, and report on progress based on approved time schedule.
* Evaluation of all the claims received from the Contractor and provide recommendation to the Client including participation in all negotiations necessary to resolve claims.
* Assist the Client in settling and disputes between the Client and Contractors.
* Submission the Variation Orders after value engineering determination.
* Monitor the implementation of Contractor’s Quality and Environment Plan.
* Holding weekly and monthly Progress Meeting including minutes of meetings.
* Attending to the technical meetings related to the design and associated works.
* Based on weekly and monthly records, submission to the customer Monthly Progress Report of RE.
* Ensure safety goals are achieved on the project and oversee implementation of safety procedures on the site.
* Attending to the Site Inspection, workshop inspection and test inspection for executed works.
* Coordinate with supervisory personnel, owners, contractors, and design teams to discuss and resolve matters such as work procedures, complaints, and construction problems.
* Responsible for prepare “Taking Over” Certificate and Defect Notification List.

**SC Prima Construct SRL May 2021 – November 2021 Construction Manager**

**Project & Duties:**

* **Execution of “Ion Creanga” Gymnasium School Sports Hall – School Sports Hall Building Project.** The Project was financed from the local budget and developed under Romanian legislation for construction.

The Building Project consisted of a hall-type building with the basic dimensions of the floor plan 32.0x18.5 m and a height of 6.20+1.40 m above ground. The surface of the hall is 540 square meters, with a gross surface amounting to 679 square meters. The structural system of the hall-type building designed as a prefabricated industrial structure of steel frames (300mm HEA type profile). The building structure is composed of steel beams for the roof and steel pillars with insulated reinforced concrete foundations stiffened with plinth beams also made of reinforced concrete. The walls and roof of this structure are clad with 150mm thick sandwich panels filled with PIR insulation for excellent insulation and a sleek surface finish.

* Leading, managing, and conducting all construction activities on site in line with the project’s contract quality requirements. Liaising between Client, design team, and sub-contractors.
* Setting up the site, Fire Safety Plans, Health and Safety Inductions, Method Statements, and Risk Assessments.
* Monitoring the baseline schedule, tracking critical paths & milestones, and identifying them with the subcontractors. Monitoring project risks and mitigating them as necessary.
* Development of procurement strategy for the procurement of materials and equipment.
* Organizing the site to deliver program requirements daily. Follow-up procurement schedules.
* Coordinating subcontractors to ensure the efficiency of work. Monitoring the quality of work carried out to ensure high standards of quality are followed accordingly and addressing any issues with sub-contractors/trades.
* Conduct Quantity Surveys in monthly evaluations as well as reporting, analysing, and addressing variances (weekly/monthly).
* Preparing monthly reports and all necessary reports, including ad-hoc reports, as requested by the Client and management.
* Maintaining safe systems of work, good site appearance, and risk assessment of safety, health, and the environment.
* Ensuring company HSE and quality standards, operating processes, company policies, and all legislative requirements are understood, implemented, and adhered to at all times.
* Ensure that the project activities are provided with certified, competent, and adequate numbers of HSE staff who possess the competencies of skill, knowledge, experience, and positive attitude.
* Adhering to Environmental Permit and Planning Conditions. Managing communications and building relationships with suppliers and customers.
* Commissioning and handing over of the relevant electro-mechanical plant and installations.

**SC Flux SRL November 2018 – June 2020 Construction Manager**

**Project & Duties:**

* **Real Estate – Execution of “National Office Centre” – Office Building Project**

The Project launched by a real estate developer, built under Romanian legislation for construction with consideration of international codes and requirements in force for office buildings. The office building with a total rental surface of 18,560 sqm GLA, consisting of seven (7) floors for office spaces, two (2) floors for meeting halls, one level for underground parking, and the ground floor designed for outdoor parking and various facilities.

* First and foremost, I was engaged in the process of investigating and designing the curtain wall system. This office building, nine stories tall, is enveloped by about 4,500 sqm of fully-tempered (FT) glass from a total of 6,000 sqm of curtain wall. The design options were developed and refined until a final design was selected. Thus, I have worked with the curtain wall Contractor in a design-build process to provide the Owner with the solution to fit customers’ needs and budgets while still providing a marvellous design to the building. Consequently, I have been involved in the management and supervision of the execution of structural works and subsequent facade and fit-out works, as well as of works related to the specific installations, including procurement and commissioning of related equipment (concerning Air Treatment Plants, Chillers, ventilate-convectors, pumping station for the emergency fire system, house water pumps station for clear water, fans and jet fans for underground parking). The installation works are related to electrical installations, sanitary, thermal ventilation (HVAC), smoke extraction, and fire extinguishing. All these were integrated into a Building Management and Smart City System.
* All the duties are similar to those listed above for the previous role as Construction Manager.

**Louis Berger International January 2016 – September 2018 Asst. Resident Engineer / PMC**

**Project & Duties:**

* **“Design and Build of Al Dhakhira Transfer Pumping Station and Associated Pipelines” - as part of CP 652.**

The designated work to my responsibility, it was **valued over USD 120 million**, and the Project was launched by Public Works Authority (ASHGHAL) from QATAR, under **FIDIC “Conditions of Contract – Gold Book”**.

The project main goal was to divert sewage flows being received in the existing Al Dhakhira STP to a New Sewage Treatment Works by the addition of a Sewage Transfer Pumping Station (Al Dhakhira flow Transfer Pumping Station (TPS)). The Scope of Works (SoW) comprised the design and build of the pumping station (4+2 pumps) with total capacity of 39,900 cubic meters per day average daily flow with link to a SCADA System. As well as SoW comprised the design and build of three twin sewage rising mains along with associated structures and valve chambers for the overall transfer of sewage flows, as well as the building of the TSE rising mains to transfer the Treated Sewage Effluent from the new proposed STW to Al Khor and Al Dhakhira Towns, Public Gardens, and to satisfy irrigation demands within both towns’ catchments.

* All the duties are similar to those listed above for the previous role as Resident Engineer.

**Eptisa Romania SRL July 2006 – December 2015 Resident Engineer / PM**

**Projects & Duties:**

* **“Extension of water supply networks, sewerage, waste-water treatment and individual connections in localities from Bistrita-Nasaud County”.** The Project **valued over € 18 million** was launched by Ministry of Environment from Romania, under **FIDIC “Conditions of Contract – Red Book”**.

The Project consisted of three (3) Works Contracts, for which I have been appointed to Resident Engineer position for Construction Management and Site Supervision of two (2) Works Contracts. Related to the urban agglomerations from Valea Rusului and Valea Mare. The Project included extension of 118 Km of water supply pipe work along with hydrants installation. Construction of valve chambers & water meter chambers, and construction of 2 pumping stations. Also, the extension of 120 Km of sewer pipe works along with related manhole chambers, and installation of 8+12 pumping stations (mono-block’s type).

* All the duties are similar to those listed above for the previous role as Resident Engineer.
* **“Extension and Rehabilitation of Water Supply and Wastewater Systems” Suceava County, Romania.** The Project **valued over € 119 million** was launched by Ministry of Environment from Romania, under **FIDIC “Conditions of Contract – Red & Yellow Book”**.

The Project consisted of twelve (12) Works Contracts, for which I have been appointed to Resident Engineer position for Construction Management and Site Supervision of four (4) Works Contracts. Related to the urban agglomerations from Falticeni, Gura Humorului, Vatra Dornei, and Salcea. The Project included rehabilitation and construction of the main pipe of 1.7+4.0Km (from Gura Humorului), rehabilitation of 26.42 Km of water supply pipework, extension of 49,93 Km of water supply pipe works along with hydrants installation, construction of valve chambers & water meter chambers, rehabilitation and construction of 4+3 storage tanks and construction of 5 pumping station. As well as, the rehabilitation of 16.44 Km of sewer pipe works along with related manhole chambers, extension of 52.70 Km of sewer pipework along with related manhole chambers. In addition, carry out of Monitoring & Automation SCADA System associated.

* All the duties are similar to those listed above for the previous role as Resident Engineer.
* **“Technical assistance for project supervision "Health Care Reform Application 2, phase-II, Part 1 - Maternal and Neonatal Healthcare".** The Project **valued over € 60 million** was developed by the Ministry of Health from Romania with World Bank / IBRD and EIB funding, under **FIDIC “Conditions of Contract – The Short Form of Contract – Green Book”.**

The Project consisted of twenty-one (21) Works Contracts, for which I have been appointed to Resident Engineer position for Construction Management and Site Supervision of six (6) Works Contracts. Related to hospitals from 1. Iasi City (Hospital of Obstetrics and Gynaecology “Cuza Voda”), 2. Botosani City (Hospital of Obstetrics and Gynaecology), 3. Suceava City (Emergency County Hospital), 4. Radauti City (Municipal Hospital Emergency), 5. Piatra Neamt City (Emergency County Hospital), 6. Bacau City (County Emergency Maternity Hospital).

The Works Contracts was a part of Governmental Rehabilitation Program for the Obstetric and Neonatology departments of hospitals from Romania. Accomplished works related to the mentioned hospitals were comprised construction works and MEP works (for both parts in the interior and from the exterior of buildings related to sanitary, sewerage & drainage, HVAC, medical gases/fluids, high & low voltage electrical) as well as supplying & installation of the dedicated equipment for the specific spaces & activities of the hospital environment.

* All the duties are similar to those listed above for the previous role as Resident Engineer.
* **PHARE 2006 Economic and Social Cohesion programme aimed to finance Regional Infrastructure Projects.**

The Project **valued over € 112 million** was developed by the Ministry of Regional Development and Public Administration from Romania, under **FIDIC “Condition of Contract – Red Book”**. The Project consisted of nineteen (19) Works Contracts, for which I have been appointed to Resident Engineer position for Construction Management and Site Supervision of seven (7) Works Contracts, with reference to follow:

- Rehabilitation of Historical Monument Ensemble Golia Monastery from Iasi City.

- Rehabilitation of Buildings and Pedestrian Area of Historic Centre in Botosani City.

- P.O.P.A.S. Gura Humorului Lot 1, from Suceava County – accomplished works were related to the development of Arinis Park to provide new facilities of entertaining; the main works consisted to build swimming pools, one is covered/indoor and other two are uncovered/outdoor.

- P.O.P.A.S. Gura Humorului Lot 2, from Suceava County – accomplished works were related to landscaping with developing of ski slope “Soimul” & to build one suspended ski lift installation.

- Restoration and development of SPA Tourism Area in Vatra Dornei Park – LOT 1, from Suceava County.

- Restoration and development of SPA Tourism Area in Vatra Dornei Park – LOT 2, from Suceava County.

- Execution of "Mircea Cancicov" Business and Exhibition Centre in Bacau City.

* All the duties are similar to those listed above for the previous role as Resident Engineer.
* **PHARE 2005 Economic and Social Cohesion programme aimed to finance Regional Infrastructure Projects.**

The Project **valued over € 56 million** was developed by the Ministry of Regional Development and Tourism from Romania, under **FIDIC “Conditions of Contract – Red Book”**. The Project consisted of ten (10) Works Contracts, for which I have been appointed to Resident Engineer position for Construction Management and Site Supervision of one (1) Works Contract, with reference to follow:

- Execution of “Moldova Exhibition Centre” in Iasi City – accomplished works were related to construction of an exhibition centre with 10,130 sqm exhibition areas.

* All the duties are similar to those listed above for the previous role as Resident Engineer.
* **SAMTID Programme from Cluj County, Romania: “Rehabilitation of the Water Supply System in Urban Localities”.** The Project **valued over € 6.7 million** was developed by SC Somes Water Company SA from Cluj with EBRD funding, under **FIDIC “Conditions of Contract – Red Book”.**

The Project consisted of three (3) Works Contracts, for which I have been appointed to Assistant to the Chief Resident Engineer position for Construction Management and Site Supervision of all three (3) Works Contracts; each one is settled for towns of Dej, Gherla and Huedin from Cluj County.

* All the duties are similar to those listed above for the previous role as Resident Engineer.

**SC IASICON SA Iasi June 2002 – June 2006 Construction Manager**

**Projects:**

* **“Upgrading of Chirita Water Treatment Plant” of the ISPA Contracts.** The Project **valued over € 11 million** was financed by EBRD and developed under **FIDIC “Conditions of Contract – Yellow Book”**.

I have been appointed to Site Manager position for management and execution of building and civil works. Accomplished works consisted of carried out new civil process buildings, rehabilitation works of the existing buildings, as well as hydraulic rehabilitation by replacing all pipes and equipment along with electrical rehabilitation and automation of the plant operation.

* **“Building Headquarters” for R.A. Termoficare.**

I have been appointed to Site Engineer position for execution of office building and civil works. Accomplished works consisted of carried out the new building along with all necessary installations and mechanical equipment.

**SC Constructii UNU SA Iasi July 2000 – May 2002 Site Engineer**

**Projects:**

* **“Civil Rehabilitation and the Increase of Constructions Safety” Project of Agapia Monastery Ensemble.** I have been appointed to Site Engineer position for execution of building and civil works. Accomplished works consisted of the structural rehabilitation as well as increasing the safety of the buildings from the S-W sector of Monastery Ensemble.
* **“Increasing of Foundation Soil Safety” Project of National College “Mihail Sadoveanu.**

I have been appointed to Site Engineer position for execution of building and civil works. Accomplished works consisted of improvement of the characteristic of the foundation soil by silicification procedure.

Additional Details

**Eligibility to work: EU citizen (Romania).**

**Driver’s Licence: Driving licence B category – passenger cars, issued by Road Police Department from Romania.**

**Computer Skills:** Proficient in **MS Office Suite** (Word, Excel and Power Point), **Microsoft Project**, Internet;

and special programs such as: **AutoCAD, Revit**, **Navisworks, BIM Track,** **Solibri and BIMcollab** – related to **BIM Coordination** tasks.

**Languages: English (professional proficiency) and Romanian (mother tongue).**

**References:** Available on request.