

Expertise

To carry out FEED and prepare an EPCIC, Conceptual Studies, Basic Engineering, Detail Engineering/Design, Specifications & Mechanical Datasheet Analysis of pressure vessels, Preparation of Material Requisition, Enquiry Specifications and Material Requisitions & Technical Bid evaluation of Proposals, Bid Tabulation, Technical Meetings with Vendors, Fabrication drawings review and approval, Technical review of P&ID and FEED endorsement report & Site Support, Preparation of Piping Spec. & Line list, Preparation of Equipment Datasheets and Purchase Requisition, Proper allocation of necessary resources for the successful completion of the project, Proposal Engineering viz. weight / cost estimation and Man-hour estimation

Engineering Safety work and protection standards experience

skills US Design Codes ACI, AISC, UBC

 ISO, BS, DIN, API, ASME, ANSI, SNIP, GOST standards & codes

 FEED, Basic and Detailed Engineering

FAT / SAT Factory and Site acceptance test

Piping design, fabrication, testing and installation

Stress calculation

Flow and pressure calculation, P&ID

Calculation Water / Air Balancing, designing and HVAC installation

Designing and installation of hydraulics and pneumatics systems

Designing PDMS, fabrication, pressure testing, installation of pipe plants.

Draft drawings, IFD, IFA, IFC As-built notes

Construction methods for steel fabrication

Optimal usage of available project resources

Special Safety work and protection standards experience

skills Blue & Red Work permits

 Piping workshop fabrication

 Piping installation of & Pressure testing

 Hot taps

 ARC & TIG welding and Soldering / Visually quality control

 Turning workpiece for middle size tolerance

 Hydraulics and Pneumatics systems troubleshooting

 Moment wrench foundation bolt fastening

 Electrical Measurement & Troubleshooting

 Vibration Test Measurement and Diagnosis

 Ultrasound NDT testing

 Corrosion protection

 Alignment techniques for rotating equipment

 Mechatronic

Software MS-Office, Word, Excel, Access, Visio, Power Point

 AutoCAD 2D & 3D, Inventor 7, Solid Works, Pro/Engineer

 (FEA), by NASTRAN, STAAD Pro V8i, Risa-3D, CAESAR II,

 PDMS

 CPM MS-Project and Primavera Sure Track / P3

 CMMS

 SAP, MAXIMO

****Work Experience

Position EPCIC Consultant

Location South-East Europe / Republic Serbia Date 2019

Company SAIPEM S.p.A

Business Oil & Gas

Budget MM$ OPEX & CAPEX

Plant Gas Pipeline

Job Consultant on complex engineering problems; designs and projects; coordinates, directs work of other engineers. Preparation of ITT packages and coordinationof tender process with QG Supply, PMT and legal. Preparation of tender documentation under PRAG / FIDIC requirements. EPC for South Strem Pipeline, distance 500 km, pressure 47 barg, diameter 1219 mm, thicknesses 14.27 mm, length 12000 mm, weight # 5252 kg, EN ISO 3183, with four Compressors Station and pipeline pig cleaning facilities. Equipment Procurement and final Pipeline engineering project documentation handover to client as scheduled. Project is in progressing phase. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location South-East Europe / Republic Serbia Date 2018

Company Client: GASPROM NEFT JSC Contractor: Gosa Montaza A.D.

Business *Petrochemical*

Bouget MM$ Brownfield

Plant Oil Refinery Capacity: 20 000 ton/day & Storage 700 000 m3

Job Administering the EPC contract, documenting and recording all changes, progress measurements and payments, management of claims, monitoring of bonds / guarantees, preparation of Contract modifications and closing out the contract. EPC for new pipeline construction activities for Bitumen vapour removing; HSE upgrade as per P&ID. Revamping existing facilities. Thermal insulation fitting work. Instrumental air piping. Site welding & NDT records for piping joints and as built drafting. Pressure test, Commissioning procedure performing. Commissioning and final plant handover in operation to client as scheduled. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location Indonesia Date 2016 - 2017

Company Client: ENI Indonesia PT Contractor: ISS-International S.p.A.

Business *Oil & Gas*

Bouget MM$ Greenfield

Plant Muara Bakau block, offshore Makassa Strait FPSO JANGKRIK 450 million metric cubic feet of gas a day

Job EPC for LQ, E&I as well as Hull (Aft & Fwd) to HVAC systems for SAIPEM Karimun Yard complex FPSO project JANGKRIK. Guiding and overseeing the completion work undertaken by the various construction contractors, preparing HVAC systems for hand-over. Working closely with EPC contractor personnel on the preparation of HVAC commissioning documentation and procedures. HVAC live Commissioning functional test. Preparing and organizing HVAC functional test and providing my experience for troubleshooting activities. Viking - inline installed Marine HVAC Equipment. Vendor by: HYUNDAI. Pre Commissioner by: HI Air Korea.

Position Mechanical Equipment Trainer

Location Kingdom of Saudi Arabia Date 2015

Company Client: Saudi Aramco The Kingdom of Saudi Arabia Contractor: TUV Rheinland Arabia LLC

Business *Oil & Gas*

Bouget MM$

Plant GOSP & Refinery; Offshore & Onshore; more than 1 MBOPD

Job Practical OJT, theoretical classroom technical education in mechanical workshop skills for the Saudi Aramco trainees. Program performed in the facilities of the National Industrial Training Institute (NITI). Process equipment maintenance and appliances in the industry of exploitation and processing of Oil & Gas. Static and Rotating equipment. Conduct on-the-job training and mentoring of field technicians, follow up and provide them full support and knowledge sharing. Assists in the training, development, and mentoring of younger staff. Mentor young engineers and publish technical papers.

Position EPCIC Engineer

Location Iraq Basra, Zubair Oil Field Date 2013 - 2014

Company Client: Saipem S.p.A. Iraq Basra, Zubair Oil Field Contractor: D`Appolonia S.p.A.

Business Oil & Gas

Bouget MM$ OPEX & CAPEX

Plant GOSP Upstream; Zubair oil field (Brownfield); Capacity: R&D 700 KBOPD ; E&R 1200 KBOPD

Job EPC for GOSP plants for crude oil from production wells. Pressure vessels, valves, and piping engineering. Define asset integrity and process safety targets and establishing standards to sustain operational excellence. Procurement of Pressure Vessels Oil / Gas Separators, Pumps, Heat Exchangers, Valves, Piping Fittings. Commissioning and final plant handover in operation to client as scheduled. Reviews vendors and suppliers manufacturing durations for both critical equipment and bulks and ensures that they have been correctly integrated into Overall EPC Schedule. Assists in the training, development, and mentoring of younger staff.

Position Mechanical Static Equipment Trainer

Location Iraq, Basra, Zubair Oil Field Date 2012

Company Client: ENI S.p.A. Iraq, Basra, Zubair Oil Field, Contractor : C. Engineering S.r.l.

Business *Oil & Gas*

Bouget MM$

Plant GOSP Upstream; Zubair oil field (Brownfield); Capacity: R&D 700 KBOPD ; E&R 1200 KBOPD

Job Static Mechanical Equipment Maintenance subjects lecturer, at ENI Corporate University. Teaching and examining to trainee foreman in Oil & gas industry at SOC Iraq. Main topics are maintenance of pressured static equipment, critical equipment parameters control, material selection and corrosion control methods for twenty students. Educational material is prepared from ECU. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location South-East Europe / Republic Serbia Date 2010 - 2011

Company Razor Engineering

Business *Oil & Gas Upstream*

Bouget M$ Brownfield

Plant Sand Oil GOSP

Job Lead the activities of project proposal that include development of scope, function, interrelationship, integration, physical solution definition, cost estimate, etc. Lead project execution for project proposal, initiatives, studies and continuous improvement of solutions. EPC for Blending and Diluent bitumen process plant design. Drafting mechanical project documentation for design, approval and constructions. Plant building, P&ID and Layout drafting. Commissioning and final plant handover in operation to client as scheduled. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location Libya Mabruk Oilfield Date 2008 - 2009

Company Client : TOTAL Contractor: Sogepi S.r.l.

Business *Oil & Gas*

Bouget MM$ OPEX & CAPEX

Plant GOSP Upstream Capacity 20000 BOPD

Job EPC for Static Process equipment in service on GOSP oil field, Engineering, design, procurement, estimating, cost, schedule etc. Work throughout project life cycle with engineering companies, corporate organizations, operating facilities and vendors /contractors to achieve project objectives. Commissioning and final plant handover in operation to client as scheduled. Participates in gathering and recording Lessons Learned for the project that relate to EPC progress and schedule areas. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location Russia, Samara Date 2006 - 2007

Company Client: Transneft Samara, Russia Contractor: Amerco Ltd

Business *Oil & Gas*

Bouget MM$ Greenfield

Plant Storage & Export

Job EPC for erection 1100 ton of steel for of new crude Oil storage tank 50000 m3 according to GOST and SNIP standards. Diameter 60m, high 18m, with floating steel roof – Double deck system. Installation of floating roof sealing unit & Firefighting systems. Plan and conduct independent work requiring judgment in the evaluation, selection, application and adaptation of engineering techniques, procedures and criteria in compliance with applicable codes and accepted engineering practices and industry standards. Commissioning and final plant handover in operation to client as scheduled. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location Kazakhstan Kumkol oilfield Date 2004 - 2005

Company Client: Petro Kazakhstan Ltd. Kazakhstan Contractor: PM Lucas Ltd

Business *Oil & Gas*

Bouget MM$ Greenfield

Plant Water Injection

Job EPC for new water injection construction work in Kumkol oilfield. Installation four multistage screw pumps (Wood Group, 32 stages, horizontal centrifugal, 1500 m3/day, 122 barg, 336 kW) with all Piping systems, Instrumentation and Electrical. Installation of HVAC & Firefighting systems for Command Room and Pump station building. SNIP & GOST standards. Commissioning and final plant handover in operation to client as scheduled. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location Libya, Ras Lanuf Date 2000 - 2003

Company Veba Oil Operation–Ras Lanuf-Libya Contractor: MM Industrie Service GmbH

Business *Oil & Gas*

Bouget MM$ Brownfield

Plant Storage and Export

Job EPC for of crude Oil Flow Metering skid units, , centrifugal Firefighting pumps, oil tank Mixers, gate and check Valves export pipe lines and general storage plant in crude oil export facilities. Conduct feasibility studies on major additions / upgrades. Economic evaluations, feasibility studies and preparing requests for budgetary approvals. Carry out failure investigation and fitness for service evaluations for the pipelines failures typically involving corrosion, erosion, vibration, impact, stress and welding / manufacturing / coating defect failure modes and provide recommendations to prevent failures and improve integrity of the pipelines. Initiate and conducts special studies for improving facilities & operation; provides specialized technical service in recognized engineering fields; Commissioning and final plant handover in operation to client as scheduled. Assists in the training, development, and mentoring of younger staff.

Position EPCIC Engineer

Location Libya, Faregh Oilfield Date 1995 - 1999

Company J&P Company Ltd. (Overseas), Libya Client: Waha Oil Company

Business Oil & Gas Upstream

Bouget 1.VALUE: USD 32 MILLION 2.VALUE: USD 189 MILLION Greenfield

Plant New Faregh Production Station and Heating Station 'A', Faregh Phase 2 Gas Processing Plant and Facilities

Job EPC for mechanical, piping works to install the Faregh main station including process facilities for oil and gas plants to the extent of installation, precomissioning and assistance to commissioning of the GOSP and heating station installations. Installation and construction of a new gas processing plant comprised of surface facilities at eight gas production well-heads, Gas gathering flow lines run between gas wells and new gas processing plant, gas receiving facilities, gas dehydration unit using tri-ethylene glycol (TEG) heat recovery system for cooling the dehydrated gas ex glycol dehydration unit before it enters chillers, gas dew pointing system based on mechanical refrigeration unit using propane, export gas compression and gas metering facilities, condensate stabilization facilities, central control system, supporting utility systems and infrastructure development. Commissioning and final plant handover in operation to client as scheduled. Assists in the training, development, and mentoring of younger staff.

Education:

Date *October 1985- February 1995*

Location Serbia

Institution Belgrade State University

Education Mechanical Engineering

Title: *Master in Engineering*

Date *September 1979 – May 1983*

Location Serbia

Institution High Electro Technical School

Education Electronic Instruments

Title: *Technician in Electronic*

Certificates

Date *August 2006*

Organization Petro Kazakhstan Ltd

Training 1. Test for knowledge of the rules and instruction pertaining the main job.

 2.Test for knowledge of the Rules for Design and Safe operation of Pressure Vessels

 3.Test for knowledge of Gas Facility Operation Rules

 4.Test for knowledge of the Rules and for Design and Safe operation of Steam and Water Boilers

 5.Test for knowledge of the Rules for Design and Safe Operation of Cranes

Expiry date *Unlimited*

Personal Skills

Communication skills Team worker, but also can do job independently and qualitatively. Experience in to good communication and work relationship Capable of hard work, effectively long hours and under pressure. Consciousness about doing business, forwarded to company interest and keeping secret.

Organisational / managerial skills High-level flexibility in industrial & construction site complex environment, synthesis of organization management and time parameter. Lean principle techniques mind set.

****Personal Data

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First & family name Nebojsa Lazic

Age 55

Work experience 24 years

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State Republic Serbia

Availability Immediately

 Additional information

 Social: *Interested in:*  *Science, Culture, History, Ecology, Sport, Social networks*

 Driving licence: ***B***  *International*