

Edgar Tome

B.Eng, M.Eng level Civil Engineering Specialist

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PROFILE

A highly motivated Senior level Civil Engineering and Construction Management professional with over 10 years' applied engineering experience in the Oil & Gas, Structural Engineering, Concrete Structures and House refurbishment industries. I have worked on many different projects of varying scale and am considered a methodical and systematic worker who is an excellent and effective, communicator and able to effectively present requirements and influence positively at all levels within organisations providing desired outcomes, effective solutions and improvements.

Experienced working at operational management level but equally capable of dealing with and communicating issues at grass-roots level which gives me a unique advantage of working strategically and diplomatically with a wide range of clients, authorities, and personnel.

KEY PERSONAL AND MANAGERIAL SKILLS & STRENGTHS

- Developed a deep technical knowledge in engineering and management acumen through activities such as, leading of multidisciplinary teams, people management in multicultural contexts, management of critical situations where quick and effective response had to be taken under pressure, budgeting and time controlling, client relationship management, always with a focus on safety and quality.
- Strong ability to utilise a high degree of creativity, innovation, initiative and vision in order to achieve objectives, solve complex/technical problems and present new concepts and ideas.
- Experienced in Lead Civil Engineer and Project Supervisory roles, involving engineering design, construction supervision, interface co-ordination & project management.
- Leading site design whilst identifying competency and the requirements of qualifications for contractors.
- Ability to build long lasting relationships with staff and management based on trust, a high degree of integrity, service excellence and transparency.
- Extensive experience within effective motivation of personnel to advanced levels of performance, productivity and professionalism, successfully structuring highly dynamic and focused teams.
- Language skills: Portuguese (Native), English (Fluent); Spanish (Fluent); French (Conversational); Italian (Conversational)
- Technical skills: MS office; AutoCAD, Plaxis, Geo-Slope; Primavera, Mathematica; MATLAB; Candy (CSS); SAP; SAP 2000

NOTABLE COMPETENCIES

- Leadership
- Geotechnical Structures
- Scheduling / Organization
- Risk Management
- Concrete Structures
- Regulatory Management
- Analysis and Design
- Special Foundations and Retaining Walls
- Seismic
- Contract and Subcontractors Management
- Staff Mentoring and Coaching
- Fabrication of Platforms Onshore and Offshore
- Roads
- Budget Management
- Trend Analysis
- Continuous Improvement
- Underground Work
- Urban and Regional Planning
- Construction Technology
- Building Physics
- Organization and Planning Works
- Task Management
- Team Player
- Concrete Structures
- Cost Control
- Water Treatment Plants
- Contract Management / Negotiation
- Strong Communication
- Adaptability
- Problem Solving / Critical Thinking

EDUCATION, COURSES, MEMBERSHIPS & TRAINING COMPLETE

- MSc. Eng Civil Engineering, New University of Lisbon - Faculty of Science and Technology Lisbon, Portugal, 2003 - 2010
- Postgraduate Technical Safety and Health CAP VI, Espiralsoft - Lisbon, Portugal, 2017 - 2018
- Effective member of the Portuguese Civil Engineering Council (Professional ID N°: 68242)
- Portuguese government agency for foreign affairs awardee: Selected amongst 6000 candidates to incorporate the "INOV Contacto program for future leaders" around the world.

NOTABLE PROJECTS

- The Rehabilitation and Expansion of Nampula City Water Supply System: Project of \$35million divide in: lot 1 - Intake and Water Treatment Plant; lot - 2 Water Transmission Main and Water Distribution. Company CMC di Ravena (Italian).
- Developing new infrastructures required for the Ambriz Yard and base camp according to the client requirements (Total), for the Kaombo project in Angola. Company Saipem (Italian).
- Lead Project Engineer for the project "Construcción Viaducto Sobre AV. Panamericana", for the local government in Tarija, Bolivia, for the company GOBA & Asociados (Tarija, Bolivia).
- Designing and executing the go-to market strategy with the purpose of driving new business for the company and maintaining a good relationship with clients, for Future Building (Lisbon, Portugal).

CAREER HISTORY

Dec 2016 - June 2021, Future Building - Portugal
MD / Construction Manager / Senior Civil Engineer

Company, specialized in the new constructions, rehabilitation and service management of buildings across Portugal. Turnover of > 1M euros and 12 collaborators

Duties & Responsibilities

- Responsible for designing and executing the go-to market strategy with the purpose of driving new business for the company and maintaining a good relationship with clients.
- Drive continuous improvement and operational effectiveness of construction programs, procedures and plans to ensure compliance with regulatory requirements, effective utilisation of best practices, and enhanced productivity.
- Perform engineering duties for the packages of work that are assigned within the section of the schemes, providing engineering direction to subcontractors, craftspeople and operatives.
- Developing new projects in which the company was able to participate, I was able to generate an additional new revenue and increase the turnover.
- Liaise with any consultants, subcontractors, supervisors, planners, quantity surveyors and the general workforce involved in the projects.
- Managing multi-disciplinary teams (sub-contractors; in-house engineers; office personnel; construction workers) ensuring that projects were completed within the agreed timeframe and cost while providing continuous monitoring of workforce performance, conducting planned and reactive inspections, recommending actions to facilitate improvement.
- Responding promptly and effectively to changing circumstances, planning for contingencies and managing conflicting priorities.
- Ensure clients standards, policies and procedures are adhered to, ensuring that the highest level of compliance and readiness is achieved.
- Carry out records of work including site diaries, output monitoring, progress reports, quality documentation etc.
- Resolve any unexpected technical difficulties and other problems that may arise and report them to your Senior teams.
- Responsible for reviewing and approve the technical documentation of civil engineering for new constructions and rehabilitations works, and performing projects cost control.
- Train and coach staff & ensure the competency of site teams in the identification and control of hazards & risks on location by actively engaging, influencing and persuade all operational and support functions to deliver an integrated, pragmatic approach to safety and environmental concerns.

- Managing and contributing to the preparation of design deliverables to achieve the correct time / cost / quality balance for the project.
- Carry out business development including providing specialist support to our account leaders and practices and leading on proposals and tenders.

Dec 2015 - Nov 2016, GOBA & Asociados
Lead Project Engineer - Bolivia

Lead Project Engineer for the project “Construcción Viaducto Sobre AV. Panamericana”, specialized in construction of roads, bridges and buildings in Bolivia. Turnover of > 15M euros and 500 collaborators

Duties & Responsibilities

- Responsible for supervising the compliance of the structural design of the project, providing technical support to the construction manager.
- Support the company safety culture and to challenge unsafe behaviours.
- Deliver civil/ structural engineering services that meet the company’s applicable statutory and regulatory requirements.
- Deliver the scope of individual responsibility within quality, schedule and budget requirements and facilitate the same throughout the project team.
- Work with Designers to realise Engineering Designs.
- Coordinate and align with multi-disciplinary project groups.
- Communicate effectively with the civil/ structural engineering team and project stakeholders, including the Customer where required.
- Take part in relevant meetings, prepare progress reports and follow required checking procedures.
- Ensure the project scope is clear and that changes comply with project change management processes.
- Provide assistance and advice during procurement, construction and commissioning activities
- If required conduct technical bid evaluations and assist with purchase orders.
- Ensure vendor/ contractor documentation, is reviewed for technical acceptability (when related specifically to client discipline) or is considered for design impact.
- Proactively resolve or assist in resolution of any discrepancies between Worley and its Customer's requirements.
- Identify issues and problems, develop appropriate solutions, and ask for assistance when required.
- Constant technical support to project teams (laboratory, cost control, and HSE team).
- Constant supervision on site assuring the compliance of the quality tests of construction materials, local regulations, environmental plans, HSE procedures and subcontractor’s works.

May 2014 - Aug 2014, Tomás Oliveira
Project Engineer, Lisbon Portugal

Construction company, specialized in construction of roads and water treatment plants in Portugal. Turnover of > 20M euros and 100 collaborators

Duties & Responsibilities

- Responsible for the project development: “Environmental Restoration of Mining Area in Aljustrel – 4th Phase”, managing daily multidisciplinary work teams, procurement and market research, cost control, clarifications of design specifications.
- Managing multi-disciplinary teams (sub-contractors; in-house engineers; office personnel; construction workers) I was able to progress with the works according to the agreed timeframe and costs.

Dec 2012 - April 2014, Saipem
Lead Civil and Structural Engineer, Ambriz Angola

Construction company in Oil & Gas, specialized in the fabrication of platforms onshore and offshore across World. Turnover of > 14000M euros and 16000 collaborators

Duties & Responsibilities

- Responsible for developing new infrastructures required for the Ambriz Yard and base camp according to the client requirements.
- Responsible for the maintenance works of existing civil constructions in the yard and base camp.
- Performing preliminary design, verification and studies relevant to critical engineering and feasibility study, review of client's technical documentation and requirements, estimating cost of supply services and home office engineering.

- Technical analysis of commercial proposals during the bidding phase, and evaluation and supervision of sub contractors' compliance.
- Supervising the compliance of the designs during the construction phase, and the progress of the works according with the agreed timeframe and HSE requirements in contract.

Jan 2012 - Nov 2012, CMC di Ravenna
Site Engineer, Nampula Mozambique

Construction company, specialized in construction of roads and water treatment plants in the World. Turnover of > 150M euros and 2000 collaborators

Duties & Responsibilities

- Site Engineer on The Rehabilitation and Expansion of Nampula City Water Supply System: Project of \$35million divide in: lot 1 - Intake and Water Treatment Plant; lot - 2 Water Transmission Main and Water Distribution.
- Responsible for shop drawings, and structural design of the project, and provide technical support to the construction manager during the construction activities.
- Provide constant technical support to the surveying team, the laboratory and cost control team.
- Responsible of performing site inspections and supervising the compliance of the works according to the contractual designs and requirements
- Supervision of drilling activities, and assurance of the compliance of client HSE requirements.
- Support the Chief Engineer for the teams covering surveying, laboratory, engineering, cost control and in managing the relationship with the Employer (Client) and Engineer (Supervising entity).

REFERENCES & CERTIFICATION AVAILABLE UPON REQUEST