

Senior Electrical Engineer

We are looking for a senior electrical control and instrumentation engineer (EC&I) to act as a consultant within a project team to advise clients on various technical engineering related aspects, as well as all EC&I engineering related challenges and solutions. The successful candidate will be responsible for preparing, and advising on the detailed engineering sections of prefeasibility and feasibility processes, audits, designs and valuations. She/he will need to:

1. Technical work management
 - a. Prepare designs, plans and schedules for EC&I engineering
 - b. Research and decide on engineering solutions
 - c. Prepare reports on proposed solutions
 - d. Carry out prefeasibility and feasibility studies, and control the cost of such studies
 - e. Prepare reports on work in progress
 - f. Ensure safety, quality and engineering standards are met and maintained
 - g. Carry out economic analysis of concepts and detailed designs
 - h. Carry out EC&I audits to ascertain condition of such assets, and propose corrective actions and mitigating factors
 - i. Assist with evaluation of operational operability of systems and plants, and the processing of potential new operations
 - j. Comply with all safety policies, practices and procedures
 - k. Report all unsafe activities
 2. Stakeholder relationship management
 - a. Consult with clients, professionals and government officials
 - b. Co-ordinate work in progress of inhouse resources and external subcontractors
 - c. Co-ordinate the work of technicians, technologists, engineers and scientists, relating to study work within the EC&I discipline
 - d. Discuss work in progress, and consult with contractors, engineers, surveyors and environmental experts
 3. Team management
 - a. Participate in proactive team efforts to achieve departmental and company goals
 - b. Provide leadership to others, including knowledge and skills sharing
 - c. Inspire and lead a team of technical experts, engineers, consultants and contractors
- **Education, experience and certifications**
 - BEng Electrical /BTech (preferably MTech Electrical)
 - Must have 10+ years' relevant engineering and project management experience
 - Must have worked in an EPCM environment
 - ECSA PrEng/PrTech Electrical registration

- **Additional qualities**
 - People skills
 - Forward thinking
 - Must be able to work independently, and as part of a team
 - Ethical and honest
 - Maintain confidentiality at all times
 - Able to work under pressure and meet deadlines
 - Cultural awareness and understanding
 - An eye for detail
 - Creative and innovative
 - Ability to make practical decisions
 - Keep up to date with developments in the field - attending seminars, courses and conferences
 - Focus on quality management and continuous improvement

- **Work schedule/hours**
 - Mondays to Fridays
 - May be required to work longer hours, when necessary
 - May be required to travel to site

Email CV to careers@ukwazi.com

Starting date: 10 January 2022

Salary commensurate with experience. Only shortlisted candidates will be invited for an interview. If you have not been invited for an interview, please consider your application unsuccessful. In accordance with the POPI Act, submitted CVs will not be retained and will be deleted from our servers.