

### Instrumentation and Control Engineer:

We, Hyundai Engineering Company, the Engineering Procurement and Construction Contractor for Tina River Hydropower Development Project (3X5MW) are looking for Instrumentation and Control Engineer for our project.

As an Instrumentation and Control Engineer, you will play a crucial role in the successful implementation and operation of our hydropower project. Your primary responsibilities will revolve around design coordination, supervising execution, regular data collection and maintaining the instrumentation and control systems necessary to ensure the safe and efficient operation of the facility. Apart from Hydropower Control system, other ancillary systems like River water Level and flow monitoring, Automatic Weather Monitoring, Flood warning system, etc.

### Qualifications:

- Bachelor degree in Electrical Engineering/Instrumentation engineering or a related field.
- Design for 10 years or longer experiences for each discipline.
- Design for 5 years or longer experiences for hydro power.
- Should have executed at least two, medium to large size projects, as Electrical Engineering /Instrumentation engineering /Control Engineering with at least a total experience of 10 years.
- Experience in Hydropower project in overseas.
- AUTOCAD User is preferable. Proficiency in PLC programming, SCADA systems, and other relevant software tools.
- Ability to build professional skills, and set and monitor tasks and sub-projects.
- Strong interpersonal and communication skills including in a culturally diverse or multi-disciplinary environment.
- Ability to manage a complex project, work to deadlines and establish procedures for monitoring and reporting.

### Responsibilities:

- Collaborating with the engineering team to develop instrumentation and control systems that meet project requirements, ensuring the reliability and performance of the hydropower plant.
- Overseeing the installation, calibration, and commissioning of instrumentation and control systems to ensure they function correctly and safely.
- Implementing a preventive maintenance programs and troubleshoot issues in the instrumentation and control systems to minimize downtime and ensure continuous operation.
- Attend and providing support during design review meetings with the Project Stakeholders including verify design review responses before they are issued back.
- Providing ongoing Engineering Support to the project to adress open items of Detailed design.
- Developing and preparing essential project documents associated with design and execution: Method Statements, Plans.
- Finalizing Design components in coordination with the suppliers/sub contractors in compliance with Employer Requirements, design criteria, etc.
- Work closely with cross-functional teams on design matters, including electrical engineers, mechanical engineers, and project managers, to ensure seamless integration of instrumentation and control systems to meet the project requirements.
- Close coordination with other construction and Commissioning departments during execution , especially erection and commissioning of Electromechanical equipment (Hydro turbine and Generator, Balance of Plant electrical and mechanical equipment).
- Upholding the Project HSE (Health, Safety, and Environment) management system to prioritize safety.

### Employment Preference:

- Bahomea and Malango region of Guadalcanal Islands
- Solomon Island National
- Foreigner's

TINA RIVER HYDROPOWER DEVELOPMENT PROJECT, Grass Hill Area, Malango Ward, Guadalcanal Province, Solomon Islands, Tel: TEL: 677-747-3122

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**Contact:**

The applicants are required to send a detailed CV with cover letter, educational certificates and experience testimonials to [si20210103@gmail.com](mailto:si20210103@gmail.com) on or before **End of September 2024.**

Short listed candidates shall be called on for interview.

**For more details on the advertised position, call or visit: Mr. Wooseong Jo, Human Resource Manager, contact number: +677-713-8214**