

Senior Electrical Engineer

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Company: AF Toscano AG

Location: Bangkok

Category: other-general

Job Description

Responsibilities

Design, engineering electrical systems and equipment for renewable energy and conventional thermal power plant projects

Design conceptual overall power plant single line diagrams

Design relaying and metering diagrams for high voltage substations

Prepare high voltage substations layout and sections

Prepare sizing calculations such as transformers, MV switchgears, LV switchgears, CT/VT, cables

Prepare detailed design of electrical system, HV/MV/LV/DC & UPS single line diagrams

Prepare electrical equipment specifications

Prepare typical electrical logic diagrams, schematic diagrams, intertripping/interlocking and tripping matrix

Review, comment the submitted document, drawings from vendors or subcontractors e.g. transformers, HV/MV/LV switchgears/MCCs

Review, check electrical detailed design for cable installation, equipment layout drawings

Analyze any problems under his responsibility and propose the optimized solutions

Manage the assigned electrical engineers working under his control

Planning, scheduling, monitoring and control the works to get the jobs done according to the required quality, schedule and budgets

Develop typical design document, drawings

Coordinate with engineers of other disciplines

Require least supervision, ability to initiate, prioritize and manage his own works based on jobs assignment from superior

Qualifications

Qualifications and Requirements

Bachelor degree or higher in Electrical Engineering with 4 years or 5 years course majored in electrical power engineering with GPA at least 3.2 from well-known government university

7-10 years experiences in renewable energy power plants e.g. solar PV, wind farm, battery energy storage, biomass power plant electrical system design and engineering

Having expertise and experiences in electrical power system protection systems, protective relaying

Familiar with international codes and standards i.e. IEC, IEEE, NFPA standards

TOEIC test score at least 750.

Having initiative thinking, fast learning and is enthusiastic in exploring new engineering knowledges

Good analytical skill with logical judgement

Having problems solving skills

Responsible minded and be able to work under pressure

Good interpersonal skills

Company Description

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ÅF and Pöyry joined forces in order to become an international engineering, design and advisory company, driving digitalisation and sustainability for the energy, infrastructure and industrial sectors all over the world. AFRY as a new common brand of ÅF Pöyry is one of the largest international power sector consulting and engineering company with about 17,000 experts working across the world to create sustainable solutions for future generations.

In SE Asia, we are a leading power sector consulting engineering company executing our regional consultancy and engineering assignments mainly from our Bangkok, Manila, Jakarta, Kuala Lumpur and Hanoi offices. In total, we have multinational staff of more than 400 working in the power generation field in Asia. In consulting and engineering services for thermal and renewable energy power plants, we are one of the market leaders both in the SE Asia region and globally.

In line with our increasing business, we are looking for qualified and experienced candidates for **Senior Electrical Engineer** to be based in our Bangkok office.

Additional Information

We offer the following to qualified candidates:

Friendly international working environment with a wide variety of interesting and challenging tasks

Competitive salary package

Career opportunity in one of the largest international consulting and engineering companies

Possibility to grow professionally and advance in career

Possibility to work in renewable energy projects across the Asia region.

At AFRY, we engineer change in everything we do. Change happens when brave ideas come together. When we collaborate, innovate technology, and embrace challenging points of view. That's how we're making future. We are actively looking for qualified candidates to join our inclusive and diverse teams across the globe. Join us in accelerating the transition towards a sustainable future.

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