

COMPANY	TractebelEngineering S.A. (France)
FIELD OF ACTIVITY & PRODUCTS	Power Networks
JOB REQUEST	HV Substations Senior Lead Engineer (Electrical Engineer)
LOCATION	Saint Ouen (France) - Can also be based in Lyon (France)
MISSION	Within TRACTEBEL France, a recognized player in energy and infrastructure engineering, you will join the T&D BAGEN department to work on strategic HV/MV substation projects. You will contribute to high value-added operations for major public and private sector clients: RTE, ENEDIS, renewable energy producers, industrial companies, etc. In a context of growth and skills development, this position represents an opportunity to play a key role in the development of the group's technical expertise, from project management to broader responsibilities. Your mission As a true technical reference, you oversee and secure the multidisciplinary management of projects and the design/sizing studies of HV/MV substations, ensuring the quality, consistency, and performance of the proposed solutions. You will act both as an operational expert, a support to project teams, and a driving force in developing the skills of more junior profiles. Your responsibilities - Lead and coordinate all technical disciplines involved in the construction or refurbishment of HV/MV substations, ensuring compliance with technical, regulatory, and contractual requirements. - Prepare and validate engineering deliverables: electrical diagrams, layout drawings, cabling plans, earthworks designs, calculation notes, and technical documentation. - Ensure the application of applicable standards and specifications, particularly those of RTE and ENEDIS. - Contribute to cost estimates, technical evaluations, and the optimization of engineering solutions. - Ensure quality control of engineering studies and the consistency of interfaces with other disciplines. - Participate in the development of design and modelling tools, particularly BIM and Revit. - Provide technical support to project managers, business managers, and engineering teams. - Support the development of designers' and engineers' skills through knowledge transfer and the sharing of best practices. - Contribute to the development and standardization of the department's methods, tools, and technical standards.
DURATION	Permanent contract
REQUIRED SKILLS	- Good knowledge of RTE/ENEDIS standards and frameworks, as well as IEC, IEEE, and EN/NF standards. - Strong foundations in the electrical sizing and design of HV, MV, SCADA, and telecommunications equipment related to HV/MV substations.

	- Knowledge of surveying and earthworks would be an advantage. - Strong sense of rigor, autonomy, technical leadership, and ability to share knowledge. - Interest in innovation within the profession and digital design tools. - Languages: French / English. - Software: MS Office, Revit, Navisworks, DlgSILENT PowerFactory Tools, ETAP.
REQUIRED EDUCATION	Engineering degree or equivalent qualification in electrical engineering, electricity, or energy.
REQUIRED EXPERIENCE	Minimum 5 years of proven experience in HV/MV substation studies.
REQUIRED TRAVEL	Yes
Wage/Salary	-
Others	This position offers you: - A highly visible role within a team of experts. - Progressive development towards a senior technical expert role. - The opportunity to influence design standards and working methods. - A stimulating environment at the intersection of engineering, innovation, and project management.
CONTACT	- Truong Patrick (FRWA/BAGEN_G22) - M'Talssi Zohra (BE74/BAGEN_G2)

