



Job Opening- Junior Engineers

Job ID:M4-2024-IT17

## Senior Substation Electrical Engineer- Multiple Positions

### Job Overview:

Method4(“M4”) Engineering Inc. is a dynamic Canadian company with offices in Guyana and Canada. Method4 provides a wide range of Engineering and Construction services for clients in the power utility, renewable and Oil and Gas sectors. Method4 is looking for a highly motivated Senior Substation Electrical Engineer to join our engineering department on a fulltime basis in Guyana. The successful candidate be working on power projects currently being executed in Guyana. This successful candidate must have excellent language skills and will be required to lead a team of engineers to develop and execute Outdoor Electrical, P&C and SCADA designs for various brownfield substation projects. Candidate will be expected to work fulltime hours from 9:30am Mon-Friday at minimum, overtime is paid after 40hrs. Work location is in Guyana, Method4 will assist foreign applicants with work permit applications. First 12 months of work must be executed in Guyana and after which remote work can be considered.

### Requirements for the Role:

- 1) Must have a master’s degree in electrical engineering
- 2) Min 10 years Experience Designing Electrical Substations
- 3) Must have good English language skills.
- 4) Detail oriented, Motivated with strong leadership qualities.

### Responsibilities:

- Excellent and ongoing working knowledge of Outdoor electrical P&C and SCADA designs.
- Project development and scoping task for FEED and PRE-FEED substation works.
- Coordinate with other engineering disciplines to ensure overall design conformance is accomplished
- Complete and authenticate outdoor and indoor substation design packages eg ampacity diagram, layouts, plot plans, bus elevations, ground grid, equipment/structure grounding details, control & power cable layouts, control building electrical design, for voltage levels ranging from 25kV to 240kV
- Complete calculations and studies to support the design, including grounding, lightning, lighting, AC/DC Load Studies, station service transformer and battery bank sizing, insulation coordination, and rigid bus study.
- SCADA programming is considered an asset.
- P&C Studies and settings competency.
- Develop equipment specifications inline with client and various industry codes/regulations.



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- Direct designs and review once completed to ensure compliance with all project requirements.
- Develop and maintain bill of materials for substation outdoor installation
- Provide site construction and commissioning support when needed
- Collect, interpret, and organize project engineering and vendor data
- Interface with senior personnel to resolve potential technical and project issues
- Provide mentoring guidance and direction to junior members of the team
- Assist in compiling and maintaining internal engineering standards and work practices

Start Date:

April/May

Deadline to Apply:

Ongoing.

How to Apply:

Please send CV to:

- 1) [careers@Method4Engineering.com](mailto:careers@Method4Engineering.com)

Company Details:

Please see link:

[www.Method4engineering.com](http://www.Method4engineering.com)

Compensation:

- Salary to be negotiated,
- Full medical benefits.
- Relocation package assistance.
- Work Permit application will be done by Method4.
- Housing and living out allowance