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Advertisement for SCADA System Manager post

SCADA System Manager

Closing Date: 9 June 2017

Job Category: Technical

Job Location: Sophia, Georgetown

Job Schedules: Employed

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Description:

The Government of the Cooperative Republic of Guyana has received financing from the Inter-American Development Bank (IDB) and the Caribbean Investment Facility (CIF) of the European Union (EU) towards the cost of a Power Utility Upgrade Program and it intends to apply part of the proceeds to eligible payments under a contract of services for a SCADA System Manager for Guyana Power and Light Inc.

Guyana Power and Light Inc. (GPL) now invites suitably qualified and experienced professionals to apply for the post of SCADA (Supervisory Control and Data Acquisition) System Manager within the System Control and Engineering Services Department.

GPL is a vertically integrated electricity utility company whose principal activities are to generate, transmit, distribute and sell electricity within its authorized geographical area. The company is the principal public supplier in Guyana, and is currently solely owned by the Government of Guyana. The primary objectives of GPL include providing to its customers a safe and reliable supply of electricity at a sustainable price and expanding its service to new customers located within its grid area. GPL currently operates generation with a capacity of 140 MW with a further 10 MW of capacity being provided under an Independent Power Producer Agreement (IPP). The company supplies electricity to approximately 183,000 residential, commercial and industrial customers.

Responsible to the System Control and Engineering Services Manager, the purpose of this role is to set up, bring into operation and lead a new team focused on helping the company to make the best use of the recently installed SCADA system. The section's mission is to support GPL system operations by ensuring proper management, maintenance, and development of the SCADA system for power networks and - should these become necessary in Guyana - settlement systems and its related hardware and software components. Additionally, the role is to manage and maintain real time and historical data and related application programs ensuring control staff can easily gain access to necessary data so that appropriate responsibilities regarding control, telecommunications, tele-control, metering, and – when and if, necessary – settlement can be discharged.

Qualifications

Qualifications, Capabilities, and Experience: Applicants are required to have a professional degree in IT, Computing, Computer Science, Information Technology, or Electrical/Electronic

Engineering from a recognized University. Further qualifications to Master's level in a relevant field would be an advantage.

Ten years' relevant work experience will also be required.

The successful candidate will be an IT or electrical engineering professional with excellent understanding of SCADA, IT systems, computer system engineering/networks, computer operations, tele-communications, and delivering IT customer services. As well as having good management skills, he/she will have a broad overall understanding of electricity utility business processes, and the ability to communicate effectively (both orally and in writing).

Remuneration

Salary will be commensurate with your qualifications and experience.

Application Requirements:

Applications should be submitted to the Human Resources Director, Guyana Power & Light Inc., 257/259 Middle Street, Georgetown not later than June 9, 2017.

For additional information about this position, please see below:

Additional Information

SCADA System Manager Position



SCADA System Manager

Major Function

The purpose of this role is to set up, bring into operation and lead a new team focused on helping the company to make the best use of the recently installed SCADA system. The section's mission is to support GPL system operations by ensuring proper management, maintenance, and development of the SCADA system for power networks and - should these become necessary in Guyana - settlement systems and its related hardware and software components. Additionally, the role is to manage and maintain real time and historical data and related application programs ensuring control staff can easily gain access to necessary data so that appropriate responsibilities regarding control, telecommunications, tele-control, metering, and – when and if, necessary – settlement can be discharged.

Essentials of the Jobs:

The principal responsibilities of the SCADA System Manager are to:

1. Manage the overall operations, maintenance, enhancement of the SCADA system - its applications and databases - to ensure that accurate and timely operational data is provided to the grid operation, real time engineers, and system control staff.
2. Facilitate system design, development, testing, implementation and support for the SCADA system - its applications and databases - and liaise with the System Planning and Design Department.
3. Plan for and ensure maintenance and reliability of the SCADA system and related control facilities.

4. Ensure a high degree of data availability and quality presentation of SCADA data, secure and resilient computing facilities, control application programs, and local area networks to satisfy business requirements.
5. Coordinate computer network administration and hardware maintenance.
6. Evaluate and recommend new technology options for the System Control and Engineering Services Manager.
7. Prepare the financial and manpower budgets for all requirements related to the scope of work of SCADA Section and gain approval from management.
8. Enhance the technical capabilities of the system operator in terms of skills and infrastructure in order to ensure the effective utilization of computer resources.
9. Ensure provision of secured and resilient computing facilities, information systems as well as local/wide area networks telecommunication services to satisfy business requirements and maintain confidentiality of control data. Review the system operator business process and implement computing systems changes if needed, in order to align computing services with business goals and processes.
10. Recommend, gain management approval, instigate, evaluate and implement IT projects that will bring added values to the system operator's operations.
11. Coordinate the interface with corporate IT infrastructure of business applications to ensure corporate strategies, standards, policies and procedures are applied where applicable.
12. Evaluate new technology options, assess whether these meet the system operator's needs and give appropriate advice/recommendations to management.
13. Ensure process of the career, competency, and succession plans for section personnel.
14. Ensure competency standards for positions in the SCADA section are developed.
15. Evaluate the performance and achievements of the SCADA section staff.
16. Ensure that the staff work is done in a proper competent manner.
17. Solving and /or reporting obstacles, which may arise and affect the section's performance, to the System Control and Engineering Services Manager.
18. Review the technical evaluation of tender documentation, consultant's proposals and contract specifications for major projects.
19. Prepare and coordinate staff training requirements.
20. Ensure that all necessary SCADA system as-built information, maintenance and operating drawings and manuals are adequate in content, have are clear and fully translated into English if necessary and readily available.

Core Competences

1. Ability to communicate effectively (both orally and written).
2. IT or electrical engineering professional with excellent understanding of SCADA and settlement systems, IT systems, computer system engineering/networks, computer operations, tele-communications, and delivering IT customer services.
3. Broad overall understanding of electricity utility business processes.
4. Financial knowledge as appropriate to run a section, such as budget control, and contract negotiation.
5. Good management skills.