

Job description

Sr. Engineer/Support Engineer – ICT Infrastructure PLC/SCADA/BMS

Reporting to: Manager – IT Security Systems

Requirement : Immediate

Mission:

The new Bangalore International Airport was opened for Commercial Operations w.e.f. 24th May 2008 as India's leading airport in terms of quality and efficiency. BIAL will build and operate this "Greenfield Airport", as a public-private partnership project, according to international standards and set a benchmark for the development of future Indian Airports

To achieve its goals it has state of the art ICT architecture and systems provided by industry leading OEMs across the globe. BIAL sets high standards in the reliability and simplicity of its systems.

Responsibilities of Sr. Engineer/Support Engineer – ICT Infrastructure PLC/SCADA/BMS:

- Control engineering experience in a manufacturing environment.
- Good knowledge of PLCs and associated controls programming software.
- Good knowledge of BMS and associated controls programming software
- Sound knowledge of ladder logic and logic programming.
- Automation software design and development.
- Familiarity with Siemens PLC S7 200/300/400 and Allen Bradley PLC SLC 500, micrologix Mitsubishi PLC and similar.
- PLC programming and troubleshooting of Siemens S7 200/300/400.
- PLC I/O checking and handling electrical & instrumentation devices.
- Developing HMI and SCADA screens (e.g. WINCC, Wonderware Intouch).
- Works with Help Desk and other department staff as appropriate to determine and resolve problems received from internal/external users.
- Will actively take part in the Project execution with regard to the PLC – SCADA and BMS and provide excellent supervision and control by closely monitoring the deliverables by the vendors/contractors and bring to the DMs/Reporting Manager's notice in case of any discrepancy.
- Good trouble shooting knowledge on all products of the above mentioned system. Airport experience on BHS/ AFL/ Power systems will be preferred
- Proficient in hardware troubleshooting of PLC & SCADA and BMS system of different manufacturers like SIEMENS, Allan Bradley, Honeywell, Wonderware, Mitsubishi, Vanderlande etc.
- Ensure the IT-infrastructure equipment's communication network is "UP" and running.

- Good knowledge on LAN/WAN devices like switches/routers, VLAN configuration and troubleshooting skills.
- **Personal Skills:**
- Must be willing to work in shifts on 24 x 7 operational requirement of an Airport.
- Effectively learn the new technologies and adopt them efficiently.
- Follow all security procedures laid down at an Airport with no compromise to Airport security.
- Ability to handle most unique and critical situations without supervision and able to quickly provide an alternate while at the same time, ensure proper reporting and update superiors.
- Writes clearly and effectively
- Actively participates in team discussions and activities and contribute effectively in the ISO documentation process.
- Listen to team members and communicates in professional way with colleagues interdepartmental or externally with Vendors while maintaining the decorum of ICT.
- Passion to deliver quality service and constantly look for improvement at the working place.
- Display a positive attitude, respect for colleagues and contribute to achieving the best working environment

Candidate Profile: Age	Age between 23 to 25 years
Education & Experience	B.E/ B.Tech. / 3 years Diploma (in electrical, Electronics or Instrumentation discipline) with considerable exposure to PLC/SCADA/BMS System. Preferably with Airport experience.
Experience	2 to 4 year relevant Experience
Certification	Candidates having OEM Certification on PLC – SCADA/ BMS or equivalent certifications preferred
Additional Experience preferred	Good working knowledge of Computers and Server/Client platforms. Installation and commissioning experience with Configuration, software reloading of systems and peripherals.