



What defines a world leader? Experience in more than 60 countries, global industry and customer respect, and an international reputation in technology and innovation. We are a global leader in the field of Air Traffic Control (ATC) and aviation infrastructure. Intelcan designs, manufactures, and integrates Communication, Navigation, Surveillance and Air Traffic Management (CNS/ATM) solutions. We develop airport facilities on a turnkey basis with an emphasis on aviation infrastructure such as terminal buildings and control towers. Are you a dynamic team player willing to help us drive success in a fast-paced industry? If so, we want to hear from you.

Electronic Systems Engineer

Intelcan Technosystems Inc. is seeking an independent self-starter to join its Operations Team. As an Electronic Systems Engineer you will plan, design and direct Communications / Navigation / Surveillance aspects of airport facility development. Responsibilities include taking designs from concept through to implementation on site, proving all necessary documentation and support information. The engineer will interface with other groups within the company as required to complete design projects.

Duties & Responsibilities

- Perform propagation studies and prepare technical specifications and data sheets
- Design Communications / Navigation / Surveillance systems
- Design communication distribution systems via copper wires, fibre optic cables and wireless (HF, VHF, UHF, MW, VSAT)
- Design antenna systems
- Design lightning protection and grounding for communication systems
- Design low voltage systems (CATV, Public Address systems, alarm systems)
- Design remote control and monitoring systems
- Design computer networks
- Coordinate electrical cabling systems with telecommunications cabling systems
- Inquire, evaluate, recommend and review purchase of equipment related to Communications / Navigation / Surveillance systems
- Prepare reports, specifications, plans, diagrams, implementation schedules for projects
- Inspect construction site to monitor progress and ensure conformance to engineering plans, specifications, and construction and safety standards
- Manage and review the design activities with utility companies as well as other structural designers, interact with designers from other engineering disciplines, coordinate the work of sub-consultants in other offices

Qualifications & Requirements

- Bachelors degree in Electrical Engineering or Certification as a Professional Engineer and 5 years of project experience in Electrical Engineering Projects (P. Eng. highly preferred)
- Experience in design of Communications / Navigation / Surveillance systems
- Experience with Canadian and International codes and standards for Communications / Navigation / Surveillance systems
- Experience with CAD design software
- Working knowledge of personal computers and Microsoft Office software
- Excellent communication skills including the ability to listen effectively and integrate information, to write technical documentation (site surveys, manuals, job related tasks, etc.)



- Ability to be a good team member
- Ability to express verbal and written technical and business issues clearly
- Ability to work in a dynamic environment
- Demonstrated capability to multi-task
- Positive attitude, results oriented, highly motivated and reliable
- Multilingualism would be considered an asset
- Must be able to pass and maintain a security clearance to the NATO Secret level

Please mail, fax or e-mail responses to: **Human Resources Department, Intelcan Technosystems Inc., 69 Auriga Drive, Ottawa, Ontario K2E 7Z2. Fax: (613) 228-1149. Email: hr@intelcan.com and quote job number HR07018.**

**WE THANK ALL APPLICANTS; HOWEVER ONLY THOSE
SELECTED FOR AN INTERVIEW WILL BE CONTACTED.
NO TELEPHONE INQUIRIES, PLEASE.**