Jp2g Consultants Inc.
ENGINEERS · PLANNERS · PROJECT MANAGERS

Job Posting 26-OTT08

Senior Electrical Engineer - Ottawa

Overview

Jp2g Consultants Inc. is an employee owned, multi-disciplinary consulting firm providing a comprehensive range of planning, engineering, environmental, and project management services to the public and private sectors, from offices located in Eastern Ontario. Jp2g is committed to maintaining client satisfaction, encouraging employee growth, and enhancing the communities we live in.

Our growing Ottawa office currently requires a **Senior Electrical Engineer.** The ideal candidate is diligent, hardworking, and team oriented.

As a member of our professional team, you will be responsible for a variety of assignments for the Electrical Engineering Department. You will work under the supervision of the Department Manager, Project Manager or Team Lead and prepare electrical engineering designs for new builds and building renovation projects. You will work directly with clients to ensure their needs are fully understood and met. You will also be responsible for coordinating with other internal and external design team members as applicable.

You will have opportunities to work for various clients – federal, provincial, municipal, and private sectors on multiple types of projects - community, post-secondary education, K-12, federal, institutional, commercial, healthcare, residential and industrial.

Role and Responsibilities

These roles and responsibilities are not intended to be all inclusive. Employees may perform other related duties as negotiated to meet the ongoing needs of Jp2g.

Technical Skills

- Work under direct supervision of Department Manager, Team Lead or Designate
- Complete tasks assigned by Team Lead as required to assist in the completion of projects
- Undertake and monitor the preparation of engineering studies, building condition reports and cost estimates
- Undertake and monitor the preparation of electrical designs and layouts of lighting, power distribution, fire alarm, communication, public address, and grounding systems
- Undertake and monitor electrical design for building systems, including site visits, modelling, concept reports and condition assessment reports
- Undertake and monitor the preparation of technical specifications and contract documents
- Coordinate with subconsultants as required, for specialized services
- Maintain familiarity with current techniques, codes, and standards; sustain and improve technical skills
- Identify critical design issues and provide technical soundness and reliability
- Ensure that drawings adhere to Jp2g's AutoCAD and Revit standards
- Complete the contract administration during construction including shop drawing review, responding to requests for information, and response to questions on design intent.
- Prepare Request for Information (RFI) responses, Site Instructions (SI) or Change Orders (CO)
- Undertake and monitor the site review of projects including preparation of Field Observation Reports and Progress Draw Reviews
- Observe and review contractor's work for general conformity to contract documents, specifications and generally accepted construction practices
- Participation in construction meetings

Job Information

Job ID: 26-OTT08

Location: Ottawa, Ontario

Experience (years): 10+

Status: Permanent, full-time

Industry: Engineering

Number of Positions: 1

This posting is for a current vacancy.

Salary Range: $60-$85 hourly

Jp2g compensation packages are based on several factors that are unique to each candidate, including but not limited to skill set, depth of experience, certifications, education, and specific work location.

How to Apply

Send your resume to:

Email: careers@jp2g.com

Subject: 26-OTT08 – Senior Electrical Engineer – Ottawa

We thank all applicants for their interest; however, only candidates selected for an interview will be contacted.

Job Posting 26-OTT08

Senior Electrical Engineer – Ottawa

- Provide problem resolution/field resolutions with respect to unforeseen construction issues
- Review final close-out documents, including testing and commissioning reports
- Attend meetings with project team members and clients to obtain comments and approvals
- Lead the preparation of proposals, including methodology, budget preparation and schedules
- Adhere to Jp2g's QMS Policies and Procedures

Teamwork

- Attend coordination meetings with department/project team
- Attend meetings with project team members and clients to obtain comments and approvals
- Ensure proper coordination of documents with other design disciplines and clients
- Build and maintain positive relationships with colleagues, other consultants, and key stakeholders to ensure projects run smoothly and to resolve concerns promptly and efficiently
- Act as Team Lead to staff members when the opportunity is given
- Act as a mentor to junior team members
- Provide technical expertise to other team members
- Collaborate with other senior staff members in the department to identify staffing, equipment and training requirements

Workload Management

- Manage project tasks within assigned time, budget & schedule constraints
- Complete projects independently when required
- Establish maintain, and communicate priorities when working on multiple assignments
- Monitor project changes, quality, schedule and cost adherence

Minimum Qualifications

- 10+ Years of professional experience
- University Degree in Electrical Engineering
- Licensed Professional Engineer (P.Eng.) in the province of Ontario (PEO)
- Eligible to obtain and maintain Level II Secret clearance with Public Services and Procurement Canada
- Valid Driver's license
- ISO 9001:2015 Fundamental training (provided by Jp2g)

Qualifications

- Willing to develop skills with electrical engineering software, eg. ETAP, XGSLabs
- Knowledge of codes and standards such as OBC, NBC, CSA, OESC, CEC, CAN/ULC
- Familiarity with National Master Specifications
- Strong ability to work in a complex and fast-paced team environment, dealing with multiple projects and clients
- Sound communication skills (oral and written)
- Strong sense of initiative and ability to prioritize tasks
- Strong attention to detail
- Demonstrated experience working with other staff members, clients, other consultants and contractors
- Excellent problem-solving and decision-making skills
- Understanding of project scheduling and project financial reporting controls
- Familiarity with AutoCAD, Revit
- Working knowledge of Office 365
- Reliable vehicle access is required

Jp2g is committed to fair and accessible employment practices. We will accommodate people with disabilities during the recruitment and assessment processes, and when people are hired. We will develop and put in place a process for developing individual accommodation plans and return-to-work policies for employees that have been absent due to a disability.

Compensation and Benefits

- Friday afternoons off year-round (36 hour/week)
- Group RSP planning opportunities
- Professional development and advancement opportunities
- Competitive compensation and benefits package

- Future shareholder opportunities