

## Job Posting 22-002

### Intermediate Mechanical Technologist or Designer – 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 Arnprior, Ottawa and Pembroke. Jp2g is committed to maintaining client satisfaction, encouraging employee growth, and enhancing the communities we live in.

Our growing Ottawa office currently requires a qualified **Intermediate Mechanical Technologist or Designer**. We're looking for someone who is hard working, motivated to develop their capabilities, and eager to increase their responsibilities within the company.

At Jp2g, you will work with a dynamic multi-disciplinary group of engineers, technicians, project managers, and planners. Jp2g believes in employee empowerment. As a valued member of our professional team, you will enjoy a unique working environment and be provided with opportunities to demonstrate your initiative while developing your skills.

#### Job Description

As a member of our professional team, you will be responsible for a variety of assignments for the Building Services Department. With Jp2g, you will have opportunities to work on a wide variety of projects, with emphasis on federal, commercial, and institutional clients. The focus of Jp2g's mechanical work includes new building, renovation, restoration and adaptive renewal, investigations, and reports.

#### Role and Responsibilities

*The role and responsibilities for the **Intermediate Mechanical Technologist or Designer** include, but are not limited to, the following. Employees may perform other related duties as negotiated to meet Jp2g's ongoing needs.*

#### Technical Skills

- ❖ Manage project tasks within assigned time and budget constraints
- ❖ Complete projects independently when required
- ❖ Develop mechanical designs of fire protection, plumbing, HVAC, and controls systems
- ❖ Develop layouts for fire protection, plumbing, and HVAC systems
- ❖ Familiarize with architectural, structural, and electrical drawings for coordination purposes such as appreciation of space limitations and interferences
- ❖ Conduct calculations of building's plumbing, heating, ventilation, and cooling loads

### Job Information

**Job ID:** 22-002

**Location:** Ottawa, Ontario

**Experience (years):** 5+

**Status:** Permanent, full-time

**Industry:** Building Services

**Number of Positions:** 1

### How to Apply

Send your resume to:

**Email:** [careers@jp2g.com](mailto:careers@jp2g.com)

**Subject:** 22-002 –Intermediate Mechanical Technologist or Designer

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

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- ❖ Size ductwork and piping in accordance with the company's standards
- ❖ Develop details, sections, and layouts of mechanical rooms and service spaces
- ❖ Assist with preparation of mechanical concept reports, building condition assessment reports, and construction budgets
- ❖ Review shop drawings during construction, visit construction sites to review general conformance of mechanical designs, and prepare field observation reports to address construction progress and deficiencies
- ❖ Setup AutoCAD drawings as per the company's standard
- ❖ Prepare AutoCAD drawings from sketches, mark-ups, and/or design
- ❖ Upon completion, verify CAD drawings against such sketches to ensure accuracy of work
- ❖ Revit experience will be considered as an additional asset, though not a requirement for the position
- ❖ Maintain familiarity with current techniques, codes, and standards to sustain and improve technical skills
- ❖ Assist in researching new systems, resources, analytical processes, procedures, and working practices to identify and implement changes to increase efficiency, productivity, and overall profitability

#### Teamwork

- ❖ Work with a team of project managers, engineers, and technologists
- ❖ Assist mechanical engineers with project execution, design development, budget estimates, and coordination with other disciplines
- ❖ Attend co-ordination meetings with design team
- ❖ Ensure proper coordination of documents with the other design disciplines
- ❖ Coordinate with industry, other 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
- ❖ Share expertise with colleagues and other offices

#### Minimum Qualifications

- ❖ Diploma in Mechanical Engineering Technology, or equivalent
- ❖ 5+ years' experience in consulting or construction industry
- ❖ Valid driver's license
- ❖ Eligible to seek security clearances
- ❖ ISO 9001:2015 Fundamental training (provided by Jp2g)

#### Qualifications

- ❖ 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 desire to learn and for advancement and professional development
- ❖ Strong attention to details without losing sight of big picture
- ❖ Excellent problem-solving and decision-making skills
- ❖ Working knowledge of MS Office (Word, Excel, PowerPoint, etc.)
- ❖ Reliable vehicle access

#### Compensation and Benefits

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

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- ❖ Competitive compensation and benefits package
- ❖ Shareholder opportunities

*Proof of vaccination will be required to accommodate client-specific requirements.*

*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.*

*Offers of employment for safety-sensitive positions involving fieldwork are contingent upon candidates being able to perform key physical tasks of the job as described in the job posting and interview. This may include the ability to work in a variety of environmental conditions, such as remote or isolated areas, working alone, and in inclement weather (within safe and reasonable limits).*