Electrical Designer

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Office, Clerical and Technical
Position covered by the Collective Agreement with USW Local 4120

Electrical Designer

Design, Engineering and Construction, Physical Resources

2 Positions: One (1) Temporary full-time and One (1) Regular Full-time

Hiring #: 2017-0424

Please read the Application Instructions [1] before applying

Note there are two vacancies for this position, one temporary full-time from October 1, 2017 to September 30, 2019 and one regular full-time. Applicants are encouraged to specify their preference in their cover letters.

Reporting to the Manager, Electrical Design, the Electrical Designer is responsible for the design of electrical building systems for new and retrofit projects. Systems involved include lighting, fire alarm, communications, security, electrical metering, low and medium voltage distribution and emergency and standby power.

Specific responsibilities include: interviewing users to fully understand their requirements; assessing building site conditions; using AutoCAD to produce working electrical drawings that illustrate plan views, elevation view and details pertinent to the project; writing technical specifications, identifying equipment, materials and proper procedures necessary to complete the project; supporting all design variables with calculation notes based on standard engineering practices and principles while conforming to all government codes and standards; interacting with the supervisor and coordinating design with architectural and electrical designers; preparing bid packages; attending project planning meetings as required; responding to contractors’ and equipment suppliers’ queries; scheduling shut-downs as required; performing job site reviews; resolving design problems; reviewing completed electrical installations, reporting deficiencies to the construction coordinator; preparing estimates for the electrical portions of projects; updating single line drawings and fire alarm graphics; troubleshooting; assisting with buried service locates; remaining current in the field, including updating technical skills; and performing other associated duties as assigned. Off-campus candidates will be expected to provide an acceptable criminal records check at their own expense if chosen as the successful applicant.

Requirements of the position include: Community College graduation from an Electrical Engineering Technologist program, coupled with a minimum three years’ experience working in electrical services design with an engineering consulting firm, or an equivalent combination of education and experience. Proficiency with AutoCAD, word processing, and spreadsheet software is essential, as is an electrical aptitude, a working knowledge of electrical contracting and related trades, and good communication and organization skills. Safety training relevant to this position will be required.

Regular Full-Time
Position Number 806-006
Classification USW, Local 4120 Salary Band 6*
Salary Range $26.38 Minimum (Level 1) $29.48 Normal Hiring Limit (Level 3) $35.68 Job Rate (Level 7)
Temporary Full-Time
Covering Position Number   806-009
Classification USW, Local 4120 Salary Band 6*
Normal Hiring Range $26.38 - $29.48 per hour

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

At the University of Guelph, fostering a culture of inclusion [2] is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

*Tentative evaluation

Posting Date: 2017 09 08
Closing Date: 2017 09 15

Source URL: https://www.uoguelph.ca/hr/careers-guelph/current-opportunities/electrical-designer

Links
[1] https://www.uoguelph.ca/hr/careers-guelph/how-apply