

ELECTRICAL ENGINEER-SENIOR

Recruitment #1706-5023-001

List Type	Original
Requesting Department	DPW-INFRASTRUCTURE-TRANSPORT
Open Date	7/6/2017 4:18:00 PM
Filing Deadline	7/27/2017 11:59:00 PM
HR Analyst	Emily Keeley

INTRODUCTION

What Milwaukee can offer YOU

Located on the western shore of Lake Michigan, Milwaukee is an urban hub bursting with energy. Milwaukee provides a casual sophistication – big city appeal without the big-city hassles. We are accessible and affordable, and our residents are welcoming. Milwaukee has evolved through the years, bringing together its unsurpassed old world charm with a breathtaking Art Museum, top-flight arts and cultural attractions, professional sports, lakefront festivals, recreational opportunities and great restaurants.

The City of Milwaukee offers a collaborative, positive work environment where each employee contributes to making the city the best place possible to live and work. The City offers a comprehensive benefits package, including a top rated pension plan, health and dental benefits, paid time off including vacation, 11 holidays and sick leave accrual, and much more.

PURPOSE

The Electrical Engineer Senior in the Transportation unit of the Infrastructure Services section is responsible for the overall management and guidance of staff and resources for Street Lighting and Underground Conduit projects throughout the City of Milwaukee.

ESSENTIAL FUNCTIONS

- Manage and review the activities and correspondence of the Street Lighting and Underground Communication Conduit Engineering Design Unit.
- Provide technical engineering reviews of street lighting and underground communication conduit facilities.
- Prepare and monitor the operating and capital budgets annually for incorporation in the overall Infrastructure Services budget.
- Perform technical engineering studies related to street lighting and underground communication conduit needs.
- Manage a staff comprised of engineers, engineering technicians and drafting technicians, by counseling, mentoring and coaching, to ensure efficient and effective delivery of services.
- Prepare and review material specifications and coordinate material purchases for street lighting and underground communication conduit devices.

- Represent the division at meetings of the City Planning Commission, Board of Zoning Appeals, and the Zoning, Neighborhoods and Development Committee of the Common Council to provide an assessment or interpretation of the site development related street lighting and underground communication conduit impacts.

Reasonable accommodations requested by qualified individuals with disabilities will be made in accordance with the Americans with Disabilities Act (ADA) of 1990, as amended by the Americans with Disabilities Act Amendments Act (ADAAA) of 2008.

MINIMUM REQUIREMENTS

1. Bachelor's Degree in electrical engineering or a related field from an accredited college or university.
2. Five years of experience in the planning, design, construction or operations of street lighting and underground communications conduit of streets and highway facilities, including three years of management experience.
3. Registration as a Professional Engineer in the State of Wisconsin or state of residence (must obtain Wisconsin within 6 months of appointment) at time of application and throughout employment.
4. Valid Wisconsin Driver's License at the time of appointment and throughout employment.

Equivalent combinations of education and experience may be considered.

IMPORTANT NOTE: To receive credit for college, transcripts are required and must be received by the application period closing date. College transcripts should be attached to your online application. Applications without transcripts attached will be considered incomplete and will be rejected. Your transcript must be legible and include the following information: the university or college name, your name, the degree completed (if applicable) and the date the degree was completed. Student copies are acceptable.

DESIRABLE QUALIFICATIONS

- Experience preparing operating and capital budgets related to municipal engineering.

KNOWLEDGES, SKILLS, ABILITIES & OTHER CHARACTERISTICS

- Knowledge of street lighting and underground communication conduit engineering practices.
- Knowledge of budgeting practices and principles to prepare operating and capital budgets.
- Knowledge of personnel management practices and principles and the ability to manage, coach and mentor a team of technical professionals.
- Knowledge of project management principles and practices as they related to large-scale electrical engineering projects.
- Knowledge and understanding of the Street Lighting Design and Underground Communication conduit manuals and the State of Wisconsin codes.

- Organizational skills to prioritize and accomplish work and meet deadlines.
- Interpersonal skills to develop effective relationships with diverse groups of people.
- Written communication skills to develop technical reports and business correspondence.
- Oral communication skills to effectively communicate with people inside and outside the organization.
- Ability to analyze and problem solve complex issues stemming from lighting and conduit projects.
- Ability to make presentations to various size groups communicating technical information.
- Ability to prepare detailed cost estimates for complex engineering projects.

CURRENT SALARY

The current salary range (PG 1IX) for City of Milwaukee residents is **\$85,000 - \$105,669** annually, and the non-resident salary range is \$82,915 - \$103,077 annually. Appointment above the minimum is possible based upon level of experience and other qualifications and is subject to approval.

SELECTION PROCESS

THE SELECTION PROCESS will be job related and will consist of one or more of the following: education and experience evaluation; written, oral, or performance tests, or other assessment methods. The Department of Employee Relations reserves the right to call only the most qualified candidates to oral and performance examinations. Oral examinations may include written exercises. Selection process component weights will be determined by further analysis of the job.

INITIAL FILING DATE - The examination will be held as soon as practical after **July 27, 2017**. Receipt of applications may be discontinued at any time after this date without prior notice. However, recruitment may continue until the needs of the City have been met. Qualified applicants will be notified of the date, time, and place of the examination. Unless otherwise required by law, the City of Milwaukee will not provide alternative test administration. The applicant is responsible for attending all phases of the job selection process at the time and place designated by the City of Milwaukee.