



City of Ames Electrical Engineering Manager

SALARY	\$112,477.46 - \$162,658.70 Annually	LOCATION	515 Clark Avenue, Ames, IA, 50010, IA
JOB TYPE	Full-Time	JOB NUMBER	26-4322-01
DEPARTMENT	Electric Services	DIVISION	Electric Administration
OPENING DATE	06/29/2026	CLOSING DATE	9/14/2026 12:00 PM Central
FLSA	Exempt	BARGAINING UNIT	MERIT
RESIDENCY REQUIREMENT?	No		

Centrally located in the heart of Iowa, Ames is a vibrant, progressive community with more than 66,000 residents providing an excellent quality of life. Home to Iowa State University, Ames offers year-round recreation opportunities, diverse cultural offerings, a stable economy, safe neighborhoods, and a high-achieving school district.

General Information

<https://www.youtube.com/embed/97rsAGfo1eQ?&wmode=opaque&rel=0>

The City of Ames has an exciting opportunity for an Electrical Engineering Manager to provide support to the Electric Services Department. Under the direct supervision of the Electric Services Director, this position supervises the activities of the Electrical Engineering Division of the Electric Utility; plans and designs electrical transmission and distribution facilities and services.

In order to be considered for this position, all applicants must submit their online application by the deadline listed on this posting. Your application includes complete responses to the supplemental questions. Please keep in mind that submission of a resume in lieu of work history on your application or answering the supplemental questions is not sufficient.

Compensation Philosophy:

The City of Ames has a compensation philosophy for our merit salary ranges that provides growth for employees as they gain experience and expertise in their roles. The minimum pay of each range is intended to reflect an employee's qualifications that meet the position's minimum requirements. The median of any range is for an employee who can reasonably meet all expectations of the position responsibilities without initial or extensive training. The City may

consider a candidate's education, experience, and skills that are above the minimum requirements when considering a salary closer to the median. The median salary for this position is \$137,568.

Our comprehensive benefits package can be viewed at: [Benefits](#).

The PSLF Program is a federal program that is intended to encourage individuals to work in public service by forgiving the balance of their federal student loans. To qualify, the individual must have made 120 qualifying payments while employed by a qualifying employer. For more information, please visit: [PSLF](#)

Examples of Essential Job Functions

Examples of Essential Job Functions: Coordinates, designs, and directs electrical transmission and distribution projects; prepares specifications for major materials and construction contracts; requests quotations and evaluates competitive bids. Designs and recommends improvements to interconnections with other utilities including transmission ties, substations, and metering; advises on and coordinates service for industrial, commercial, and residential customers; prepares and administers the Electrical Engineering Division budget and the distribution extensions and improvements budget; supervises and assigns work to division personnel; operates light vehicle. Serves as project lead, manages transmission/distribution engineering and construction contractors.

Each employee is expected to continually strive to bring shared values to life through our Excellence Through People organizational culture. ETP values include: committing to continuous improvement; inspiring creativity and innovation; being customer driven; making data-driven decisions; championing employee involvement; striving for excellence; having fiscal stewardship; acting with honesty and integrity; exhibiting leadership; choosing a positive attitude; respect and dignity for one another; promoting safety and wellness; and cultivating teamwork. For leaders, this includes creating a work culture that brings these values to life. For all employees, this includes maintaining a Total City Perspective. The purpose of ETP is to deliver exceptional services to the public at the best price, and for employees to experience an enjoyable and stimulating work environment.

Other Job Functions: Directs construction inspection and contract administration; analyzes results of electrical transmission and distribution projects; designs and lays out new street lighting installations; participates in studies of electric loads, faults, and rates; manages mapping and recording data base relating to electrical system changes and additions.

Qualifications

Education and Experience: Completion of a Bachelors of Science in electrical engineering, and five years of related professional experience in utility electrical engineering. Experience in transmission design, planning, or construction preferred.

Licenses and Certificates: Must be licensed as a Professional Engineer (Electrical) in the State of Iowa within 6 months of date of employment. Must also possess a valid driver's license.

Knowledge, Skills, and Abilities: Comprehensive knowledge of the principles and practices of electrical engineering; considerable knowledge of engineering objectives, purposes, methods, and practices as applied to electric utilities; considerable knowledge pertaining to current National Electric Safety Code as it applies to electric utilities; knowledge of civil engineering as applied to power line construction; knowledge of total electric utility operations; knowledge of the principles and techniques of supervision. working knowledge of computers as applied to electrical engineering; knowledge of all safety rules as stated in the adopted safety manual.

Considerable skill in interpreting field notes and diagrams; considerable skill in the design of electrical facilities and services.

Considerable ability to perform technical research and provide reliable advice on difficult electrical engineering problems; ability to prepare and interpret engineering plans and specifications; working ability to plan, schedule, supervise and evaluate the work of subordinates; ability to perform advanced and complex mathematical computations and analyses; ability to operate a light vehicle; ability to establish and maintain effective working relationships with citizens and other electric utility customers, supervisors, subordinates, other City employees, contractors, and vendors.

Supplemental Information

General Physical Characteristics: The work involves sitting and using arm/leg controls 50 percent of the time; standing and walking 50 percent of the time; frequently lifting objects under 10 pounds; and occasionally lifting objects from 10 to 25 pounds.

Vision Requirements: The minimum standard for use with those whose work deals largely with preparing and analyzing data and figures, accounting, transcription, computer terminal, extensive reading, visual inspection involving small defects or parts, use of measurement devices, or assembly of parts at distances close to the eyes.

Required Physical Activities: Climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, lifting, finger dexterity, grasping, feeling, talking, hearing, and repetitive motions.

Environmental Conditions: The work is performed inside and outside occasionally and occasionally includes being exposed to extreme cold, extreme heat, mechanical hazards, and electrical hazards.

Examples of Equipment Used on the Job: Light vehicle; telephone; pager; two- way radio; general office equipment; a variety of audio-visual equipment; personal computers and peripheral equipment; word processing, spreadsheet, database, graphics, and communications software; manual and automated drafting equipment, a variety of measurement and diagnostic equipment; a variety of printed materials; general purpose maintenance equipment; safety equipment and clothing.

The selection process consists of an evaluation of education and experience; phone interview; hiring assessment; on-site interview, which will include a manager meeting; and completion of reference checks and a criminal background check, which includes a sex offender registry check. All candidates will be notified by email of their application status.

****Preference may be given to applicants possessing qualifications above the minimum.****

Depending on the number of qualified candidates, the City may forego phone interviews.

E-Verify Process:

The City of Ames participates in E-Verify and will provide the Social Security Administration (SSA) and, if necessary, the Department of Homeland Security (DHS), with information from each applicant's Form I-9 to

confirm work authorization. All candidates who are offered a position with the City of Ames must complete Section 1 of Form I-9 along with the required proof of their right to work in the United States and proof of their identity on their first day of employment. Please be prepared to provide required documents on your first day of employment. For additional information regarding acceptable documents for this purpose, please contact Human Resources at 515-239-5199 or go to the US Citizenship and Immigration Services web page at: <http://www.uscis.gov>.

NOTE: Applicants with disabilities may submit requests for ADA testing or interview accommodations to the Human Resources Department prior to the test or interview.

The City of Ames is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, age, religion, sex, sexual orientation, gender identity, genetic information, ancestry, national origin, marital status, disability, or protected veteran status and will not be discriminated against. Inquiries can be directed to the Human Resources Department at 515-239-5199.

Employer

City of Ames

Address

515 Clark Ave

Ames, Iowa, 50010

Phone

515-239-5199

Website

<http://www.cityofames.org/jobs>

Electrical Engineering Manager Supplemental Questionnaire

*QUESTION 1

Do you have a Bachelor's of Science degree in Electrical Engineering?

☐ Yes

☐ No

*QUESTION 2

Please describe 5 years of related professional experience in utility electrical engineering.

*QUESTION 3

Do you have experience in transmission design, planning, or construction? If so, please describe.

*QUESTION 4

Please describe any experience you have working as a consultant or managing consultants on government projects.

* Required Question