

**CAD Designer**

Job Description October 2020

KLUTE IS A **FAMILY OWNED AND OPERATED** STEEL FABRICATING BUSINESS

 LOCATED IN AMERICA’S HEARTLAND.

From its start in 1961 as a One-Man weld shop, to its current growth of 75 employees, combined with state-of-the-art equipment and a growing facility, we continue to expand our “Employee Family” and operations. With its emphasis on the electric utility industry, the team at Klute has built honest relationships with customers for over 50 years. Because we know how critical our customers’ projects are, we hold ourselves accountable for delivering the best possible products on time and to specifications.

**Primary Purpose and Function**

The CAD Designer will create 3D models, prepare design drawings and details from sketches, concepts or mark-ups provided by customers, engineering or project management staff. The position will require you to work with the CAD Manager, Project Managers and Project Engineers to manage and create all drafted documentation associated with projects. The documentation will primarily be created using Advance Steel and/or Tekla Structures, and the scope of the job will span to all elements of the project life cycle inclusive of gathering project requirements, preliminary and final designs.

**Essential Functions and Responsibilities**

* Create detailed 3D solid models using Advance Steel and/or Tekla Structures.
* Develop drawings from 3D models per project scope and specifications, as well as AISC and OSHA requirements and Klute Inc.’s detailing standards.
* Communicate with CAD Manager all design changes that don’t meet with current standards.
* Be able to analyze data and situations and come up with a creative solution.
* Ability to change from one job to another job on short notice as project requires.
* Exporting of 3D model components to DXF to be programmed.
* Track and monitor project time.
* Review of shop drawings detailed by other drafters either in house or an outside company.

**Qualifications**

* Position requires an organized and detail-oriented person with critical thinking skills.
* Work both in independently and in a team-oriented environment.
* Fluent in Microsoft Office and Outlook.
* 3D modeling software experience preferred. Advance Steel and/or Tekla Structures experience is a plus. But willing to train any positive outgoing individual.
* Candidates with prior experience in drafting, steel fabrication or interpretation of erection detail drawings will be strongly considered.

**Knowledge, Skills and Abilities**

**Education:** High School Graduate. College training is preferred.

H1B and TN candidates considered.

**Experience: 1**+ years of related experience

 **Other Qualifications and Requirements**

* Ability to read structural and architectural blueprints
* Excellent communication skills, multitasking skills, project management and/or project coordinator experience

**Physical Demands**

* Minimal lifting required.
* Requires repetitive movement
* Requires using hands to handle, control, or feel objects, tools or controls
* Ability to view computer monitor
* Frequent alpha/numeric keyboarding

**Company Benefits**

* Company matching retirement plan
* Vacation begins accruing on first day
* Company bonus structure
* Great! benefit package

Equal Opportunity Employer/Veterans/Disabled