

Lead CAD Designer

Company Purpose

Lithium Nevada Corp. (LNC) is developing the largest known lithium resource in the USA into a world-class long-life mine. We are looking for people with ambition, energy and talent to join our team to advance the Thacker Pass Project through the Basic Engineering phase and towards construction.

Role

The Lead CAD Designer is responsible for development of civil and process engineering deliverables including plant layout, process flow diagrams, and piping and instrumentation diagrams. The Lead CAD Designer will work closely with engineering consultants and LNC process engineers during the Basic Engineering phase of the Thacker Pass Project, primarily using AutoCAD Civil 3D, Aspen Basic Engineering, and Hexagon Smart products. As the project progresses through Basic Engineering, the Lead CAD Designer will be responsible for hiring and managing CAD technicians working directly for LNC. At the conclusion of Basic Engineering and beginning of Detailed Engineering, the Lead CAD Designer will function as the 3D and drawing QA/QC manager for LNC, effectively managing the CAD performance of several engineering consultants performing Detailed Engineering and Construction (EPC) for the Thacker Pass Project. Following anticipated construction of the Thacker Pass Project in 2022, the Lead CAD Designer will join the Lithium Americas corporate project management team with focus on sustaining capital projects for the Cauchari-Olaroz operation in Argentina, the Thacker Pass operation in Nevada, and potentially other lithium projects around the world.

The position will be based in the Reno-Tahoe area of northern Nevada with occasional out-of-State and international trips. During commissioning and start-up of the Thacker Pass Project, regular travels to the plantsite should be expected.

Responsibilities

As a key member of the corporate and project team, we would look for the role to deliver on the following:

- Produce plant layouts, process flow diagrams, and piping and instrumentation diagrams with assistance and direction from the Project Manager and corporate Manager of Data Resources
- Perform accurate drafting and annotation for construction plan layouts, profiles, and data sheets
- Produce topographical profiles, alignments, cross sections, surface TINs, earthwork calculations, and grading plans with assistance and direction from the Project Manager

- Support the development of permit-related civil engineering drawing deliverables including storm water management facilities, water pollution control plans, and dry stack tailings impoundments
- Hire and manage CAD contractors
- Assist in developing engineering specifications for materials, piping, etc. for incorporating specifications in to Hexagon PPM products
- Participate in the Process Hazard Analysis (PHA) process by compiling critical engineering drawings and guiding the PHA team through the 3D plant model

Qualifications

- At minimum an Associate's degree or equivalent from a two-year college or technical school with certification in CAD
- At least 5 years of AutoCAD Civil 3D experience in a mining or chemical plant environment
- At least 5 years of experience in chemical plant 3D design and visualization, preferably with Hexagon PPM products
- Prior experience in an EPC project environment, specifically, a strong working knowledge of typical process workflows in large mining/chemical projects
- Impeccable organizational skills in data collection, analytics, and management
- Demonstrated ability in developing and executing creative solutions for project collaboration challenges
- Ability to multi-task and run several projects in parallel, while prioritizing critical-path tasks
- Strong communication and organizational skills with a track record in growing high-caliber CAD teams and bringing out the best in others
- Able to act as the face and technical authority of the Company on matters involving CAD
- Be highly motivated, able to work independently, with high energy

Please submit your resume, references, and a short note as to your motivations on why you'd like to pursue this role to:

HR@lithiumamericas.com

Lithium Nevada Corp. (LNC) is a subsidiary of Lithium Americas Corp. (LAC). LAC is an equal opportunity employer. LAC is TSX and NYSE listed public company with two advanced lithium development projects in Argentina and Nevada, USA.

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