

# Recruitment: Position Description – Senior Mechanical Engineer

February, 2017

## Overview

Your assignment will be Senior Mechanical Engineer for the Neves Corvo Zinc Expansion Project (ZEP) subject to board approval in Q2 2017 for a capital cost of €250 million. Neves Corvo is a complex underground operation mining zinc and copper located in Southern Portugal. ZEP will at least double zinc production and is critical for the mine's future. The work scope will involve expansion of the underground facilities, an increase in shaft capacity and an expansion of surface facilities – all with minimum impact on production.

The complex interfaces between the project and operations will involve the mine, shaft, surface infrastructure, process facilities and utilities. Neves Corvo is in the process of tendering a contract for engineering and procurement services for the surface facilities. To manage this successfully a “one team” approach between the project and virtually all operations departments will be required.

Significant input from operations will be required throughout design, procurement, construction and commissioning. ZEP must organize to promote close involvement of operations personnel with the project while recognizing that operations' first priority is to keep the operation running well. An excellent, structured, flexible, dynamic and responsive interface will be required. Compliance with operations' safe operating procedures is essential.

You will be based where the primary consultant executes design and procurement for the duration of EP Engineering (expected to be either Toronto or Vancouver) and your primary responsibility will be to oversee the consultant's work. You will also be required to spend time at Neves Corvo to support assembly of as-built information and to facilitate operator input into design.

As Senior Mechanical Engineer you will report to the Engineering Manager.

## Main Responsibilities / Activities

- Review and approval of key documents
- Promotion of value improvement initiatives, particularly fit for purpose design
- Lead the assembly of mechanical information necessary to support the design process
- Help to minimize design changes, support disciplined change management and resolve engineering conflicts
- Provide input into design and execution planning for tie ins to existing facilities
- Participate in project reviews and workshops
- Provide support as needed with commissioning planning activities
- Support the achievement of project objectives including safety, capital cost, operating cost, schedule and functionality
- Monitor and support coordination of design and procurement activities to ensure schedule and budget objectives are met
- Support an effective project team by coordinating and facilitating communication between the various project entities

- Support the interface with operations personnel: incorporating their input into design and equipment selection; assembly of as built information
- Communicate the vision of quality and fit for purpose design
- Communicate design concepts and key details to operations and facilitate their input
- Facilitate the success of consultants and contractors

## Experience/Qualifications

- At least 15 years of experience in design of mining projects
- Tertiary qualification in mechanical engineering
- Familiarity with CAD and 3D modelling software
- Significant experience in brown field projects
- Experience interfacing with operations
- A successful track record of working to budgets and deadlines
- Experience in working in effective teams
- Experience within the projects group of an operating company or with a major EPCM contractor

## Personal Competencies

Safety	Strong personal commitment to health and safety
Motivation	Motivated self-starter
Relationship builder others	A team builder and team player, able to mentor
Cross-Cultural awareness	Experience and comfort with working in different cultures in a variety of locations globally
Communication	An excellent communicator, able to communicate clearly and effectively in English both orally and written. You are well organized.
Language skills	Ability to speak, read and write English fluently is a requirement Ability to communicate in Portuguese is an asset
Travel	Ability to travel nationally and internationally

If you would like to apply for this role, please send your resume to [hrdept@lundinmining.com](mailto:hrdept@lundinmining.com) with "Senior Mechanical Engineer ZEP" as the subject.

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