



3701 River Dr N,
Great Falls, MT 59405

<https://www.centralph.com/>
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Central Plumbing, Heating, Excavation is one of the most respected full-service mechanical and excavation contractors in Montana. For over 75 years, we have built a reputation of delivering excellence on time. Central is growing, and we are looking for a Mechanical Designer / BIM Coordinator to join our team!

A better life begins with a better company! We at Central Plumbing, Heating, Excavation take pride in our supportive and rewarding culture. Central is committed to empowering you by providing effective training and the resources needed to succeed. We will grow with you!

Mechanical Designer/ BIM Coordinator

We are seeking an entry-level Mechanical Designer, with career aspirations and both technical and demonstrated leadership skills for growth potential to support the Design Operations Manager position. The mechanical designer position focuses on the creation of mechanical construction documents and works as a support function to other departments within Central, and the candidate will be a technical leader within Central.

Essential Job Functions

- Assist the Preconstruction team with project pursuits, in the form of conceptual designs, one-lines, preliminary system selections and energy analysis, code reviews, support and attendance at project interviews.
- Perform final check of all work issued to ensure high quality, seal and sign documents as required.
- Take a lead role in the coordination and clash detection with other trades on the project team; architects, general contractors, and other design disciplines; and ability to work collaboratively and present solution.
- Evaluate design parameters and system solutions for projects that respond to both the technical and budget requirements of the project.
- Prepare heating, ventilating, and cooling load calculations; mechanical system sizing and equipment selections and develop a working knowledge of national codes and reference standards.
- Involvement in all facets of a project, from conceptual design, design engineering, LEED analysis and documentation, construction observation, troubleshooting, commissioning support, to project close-out.
- Establish and manage budgets with Estimators and Preconstruction teams in house.
- Assist with estimates utilizing our estimating software for quantity take offs.

- Conduct building surveys to ascertain the installed condition as required for the design and construction of new work in existing buildings
- Utilize our Trimble MEP layout tool for laying out points on projects or getting point information to the field so they can use this tool for layout.
- Works with other departments to provide technical expertise in a support role.
- Other duties as assigned.

Qualifications

- Bachelor's Degree in Construction or Mechanical Engineering preferred from an accredited college or university.
- Minimum of 3-5 years of engineering experience preferred.
- Working knowledge of AutoCAD and/or Revit.
- Strong proficiency in Windows operating environment, including email and Microsoft Office software.
- Strong interpersonal and decision-making skills.
- Ability to effectively communicate with people at various levels within the organization.
- Demonstrated ability to work in a team environment or independently, flexibility to adapt to changing needs/situations.

Welcome to Great Falls, MT

If you haven't found your people yet— that close-knit community— we guarantee you'll find it in Great Falls. We help one another, cheer each other on, and are always up for showing newcomers the best brew or trail in town. An idyllic place to plant roots and raise a family, Great Falls has an excellent public school system (the second largest school district in Montana) with 15 neighborhood elementary schools, two middle schools and two high schools -plus private and faith-based schools, including one of the top 5 rated private high schools in the state. The Great Falls Public Schools music department was even selected as one of the "Best Communities for Music Education."

If you're a sports family, you're in luck. Many statewide tournaments from basketball to golf conveniently take place right here in Great Falls, and we even have adult rec leagues to let your inner athlete shine (we're competitive, but it's all in good fun).

Great Falls has a top tier healthcare system, keeping us safe, healthy and primed for adventure. Nationally-ranked Benefis Health System includes the Benefis Sletten Cancer Institute, Heart and Vascular Institute, Orthopedic Center of Montana, and the state-of-the art Women's and Children's Center (slated to open 2021). Great Falls Clinic is the fourth oldest medical clinic west of the Mississippi, serving hundreds of thousands of Montanans, and Alluvion Health is also readily accessible and has brought School-Based Health Centers to Great Falls Public Schools.

*National Association of Music Merchants Foundation 2020

Please send your cover letter and resume to Christina Keggi, Safety Manager / Recruiter at safety@centralph.com

Americans with Disability Specifications

Physical Demand

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is required to stand; walk; sit; use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; climb stairs; balance; stoop, kneel, crouch or crawl; talk or hear; taste or smell. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by the job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

Work Environment

This position takes place in a general office environment. Work is generally sedentary in nature but may require standing and walking for up to 20% of the time. The work environment is favorable. Lighting and temperature are reasonable. Work is generally performed within an office environment, with standard office equipment available.

This Job Description is not a complete statement of all duties and responsibilities comprising this position and may change with or without notice.

We are an Equal Opportunity Employer, Gender/Minority/Veterans/Disabled.