



UNIVERSITY
OF WYOMING

College of Engineering
and Physical Sciences

Winternship Project Proposal

Organization/Company:

Disruptive MedTech

Location:

Laramie

Please provide a brief description of your organization/company:

Disruptive MedTech (DMTI) is a medical device manufacturing, processing, and fulfillment company. We started in 2019 and have been growing rapidly as we bring advanced technology direct from manufacturers to healthcare providers.

Project Description:

Remote: On Location:

HVAC Analysis: Using existing blueprints, understand the current HVAC system at 3821 Beech St. Analyze the current status of the physical system and document differences from the "as built" drawings. Determine possible updates/changes to improve airflow, heating, cooling, and efficiency specific to the manufacturing Controlled Environment and clean room.

Project Responsibilities:

Understand the project goals and create a project plan and deliverables
Create an "as is" report of the current HVAC system
Develop improvement possibilities and challenges
Work with DMTI team to execute project
Request support, technology, assistance as needed

Desired Qualifications:

Ability to read and understand architectural/construction drawings (blueprints)

Knowledge of HVAC system design and function

Ability to calculate heating and cooling capacity, efficiency

Creative thinking

Self-starter

Willingness to research and problem solve

Desire to learn new skills

Commitment to the project

Skills, knowledge, and experienced to be gained by applicant:

Project planning fundamentals, management, teamwork

HVAC function and operational use/limitations

Medical manufacturing requirements and opportunities

Efficiency improvement methodologies

Preferred Contact Information for Applicants:

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