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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