

COLD ROOM QUESTIONNAIRE

MORTECHTM
MANUFACTURING INC.
ISO 9001: 2015 CERTIFIED COMPANY
411 North Aerojet Avenue
Azusa, CA 91702

- Project Name?

 - Project Address (City, State Zip)?

 - Would installation be required, or will this be provided by others?

 - Would there be any wage requirements (i.e. Union, Prevailing, Davis Beacon)?

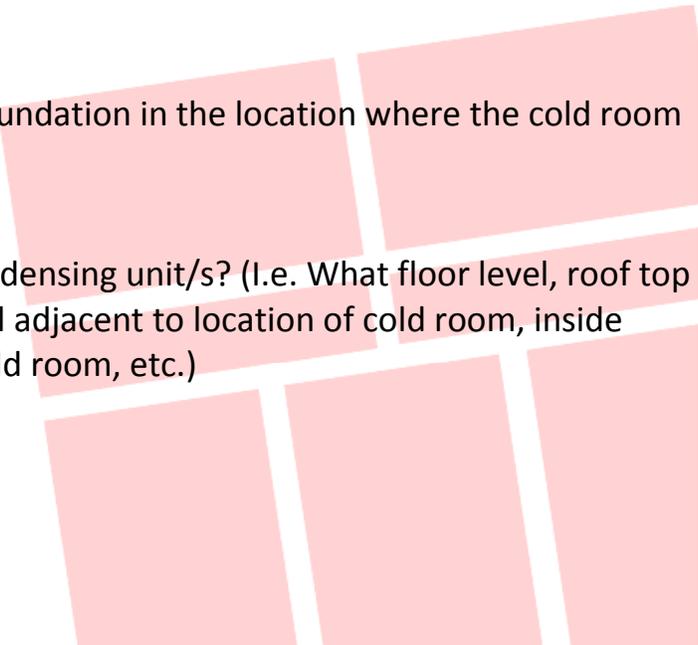
 - Is the project private or public?

 - Where is the cold room location (inside or outside of building) (What floor level)?

 - If cold room is located inside of building indicate if space is a conditioned space or non-condition space and provide ambient temperature of space in a summer condition?

 - How many floor levels is the building?

 - Is there a basement or raised foundation in the location where the cold room would be placed?

 - Where is the location of the condensing unit/s? (I.e. What floor level, roof top of building, outside building wall adjacent to location of cold room, inside building floor next to walk-in cold room, etc.)
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- What is the distance of the condensing unit/s in relationship to the cold room location for the refrigeration piping required for installation? (Mortech recommends condensing unit/s to be within 50 ft. from cold room location)

- What type of cold room: (Cooler, Freezer or Cooler Freezer Combo)?

- What is the dimension of the cold room? (Width x Length x Height) A sketch or plan layout is also helpful?

- What type of cold room finish is preferred on the interior, exterior, exposed, and unexposed areas of the cold room: (i.e. Galv. Steel painted (white) or none painted (Grey metallic) finish (stucco or smooth finish), aluminum stucco-embossed, or stainless steel)?

- Would an insulated panel floor be required in the cold room? (If cold room is placed on concrete slab on grade no insulated panel floor is required) Outside building applications will require an insulated panel floor)

- Would cold room Insulated panel floor require a ramp (interior or exterior) or be in a recess pit?

- How many doors would the cold room require?

- What type of door is required for the cold room (i.e. swing/hinged-left or right side), (sliding door single or bi-parting and manual or electric)?

- What is the cold room door dimension: Width x Height (Mortech recommends swing doors no wider than 48" and no lower than 80")?

- What product will be stored in the cold room? (Body storage count and equipment selection determines the size of cold room)
- What temperature set point do you want the cold room to achieve?
- What are the electrical requirements for the lights in the cold room? (Mortech recommends 110-120V)
- What are the electrical requirements for the remote refrigeration system? (i.e. condensing unit/s 208-230V single or three phase and evaporator coil/s 110-120V single phase or 208-230V single or three phase) electrical requirements may change depending upon certain models.
- What are the electrical requirements for self-contained system? (i.e. 110-120V single phase 208-230V single or three phase) requirements may change depending upon certain models.
- What is the distance of the condensate drain in the building in relationship to the cold room location? (Mortech recommends within 5 feet from outside of cold room and not in a location that would create a tripping hazard)?
- Would any type of alarm notification or monitoring be preferred or required?
- Would redundant systems (back-up system) be preferred or required? If the answer is “yes” then a control panel or lead-lag panel could be required for this application which could offer other features if discussed or requested?

- Would ventilation be required for odor control of cold room? If so, dehumidification will be required. Provide location of dehumidifier system. (Mortech recommends on top of cold room ceiling if height requirements permit) if not location must be within 25 feet of cold room.
- What is the project projection timeline for the cold room to be delivered and/or installed?

