

# RFI Building 6 and 6A

## VA Responses in Red

26. What chemicals will be stored in space and will this need to be on an independent system. How many air changes will need to be accomplished per hour?

- a. Class 3 Freon will be stored in north east room.
- b. Remaining chemical storage spaces will have class 4 chemicals.
- c. 6 Air Changes per hour minimum

29. What specific systems will be needed in security office?

- a. Basis of design information:
  - i. POE Switch: Netgear FS728TP
  - ii. Cameras: IP cameras that are compatible with the hospital's March Networks video recorders
  - iii. Card Reader: HID 920NHRNEK0001T
  - iv. Magnetic lock: SDC 1511. Needs to exceeds the 1500 pound holding force required by the VA.
  - v. Data and power requirement:
    - 1. 22ga (18ga if routing is over 200LF) 6 conductor shielded plenum rated white jacketed wire for data for the reader.
    - 2. 22ga 12 conductor plenum rated white jacketed wire to connect the other equipment required, REX motion, Exit Button, Door Position Switch.
    - 3. Lock power is 16ga 2 conductor plenum rated white jacketed wire.

33. No piping is shown on the mechanical drawings; we need to be provided with size and linear footage of material that will need to be insulated.

- a. Existing mechanical and plumbing lines are as depicted below. New utility line installations are in addition to the quantities identified below and shall be determined by the contractor.
  - i. Building 6 (657-17-104JC)
    - 1. Mechanical System Hot water:
      - a. 660LF of 1-5/8" O.D.
      - b. 330LF of 1" O.D.
    - 2. Mechanical System Chilled Water
      - a. 400LF of 2 1/2" O.D.
  - ii. Building 6A (657-17-105JC)
    - 1. 1<sup>st</sup> Floor
      - a. Mechanical System Hot water:
        - i. 225LF of 1-1/4" O.D.
        - ii. 450LF of 1" O.D.
      - b. Mechanical System Chilled Water
        - i. 40LF of 4-1/2" O.D.
        - ii. 30LF of 3 1/2" O.D.
    - 2. 2<sup>nd</sup> Floor

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- a. Mechanical System Hot water:
    - i. 500LF of 1-5/8" O.D.
    - ii. 250LF of 1" O.D.
  - b. Mechanical System Chilled Water
    - i. 15LF of 3 1/2" O.D.
  - 3. 3<sup>rd</sup> Floor
    - a. Mechanical System Hot water:
      - i. 80LF of 3 1/2" O.D.
      - ii. 100LF of 1 3/4" O.D.
      - iii. Expansion Tanks (Cylinder)
        - 1. 11" Diameter x 19" Length
        - 2. 9" Diameter x 40" Length
        - 3. 9" Diameter x 40" Length
        - 4. 16" Diameter x 32" Length
        - 5. 6 1/2" Diameter x 16" Length
        - 6. 12" Diameter x 54" Length
        - 7. 15" Diameter x 80" Length
    - b. Mechanical System Chilled Water
      - i. 120LF of 3 1/2" O.D.
      - ii. 35LF of 2 1/4" O.D.
      - iii. 40LF of 2 1/2" O.D.
57. E001, Note 3: What is the classification on this room? How many lights and outlets are needed?  
Need specification on lighting and outlets?
- a. See attached drawing showing chemical storage layout and lighting/power locations.
    - i. Lighting and outlets shall be rated for flammable / chemical storage spaces. See question 49 and addendum drawings for additional info.
  - b. Chemical storage Class 4
- 1. Provide construction details for the chain-link fence (wall type "F").
    - a. Chain link fencing to meet specification section 32 31 13.
  - 2. Verify restroom vanities are to be replaced. If so, provide construction details.
    - a. Restroom vanities are to be new. Installation shall be coordinated in the field.
  - 3. Verify the required installation of fire-extinguishers. If required, quantity & locations?
    - a. Fire extinguishers will be provided and installed by VA. Contractor shall provide and install 4 recessed fire extinguisher cabinets corridors. Field coordinate exact location prior to demo work.
  - 4. Verify the required installation of window shades. If required, quantity & locations?
    - a. Window shades and blinds will be purchased and installed by VA.
  - 5. Depth of pit to be in-filled with concrete @ 114 Vacant Swing Space B6A)?
    - a. 8 inches of concrete and 10 inches of 3/4" clean rock backfill.
  - 6. Verify the required installation of corner guards and the required type/finish.  
\*GI002; General Architectural Note #8

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- a. See attached specification.
7. What is the existing deck height from existing finished floor elevation?
  - a. B6 1<sup>st</sup> Floor – 11' 2" to deck with 12" tall joists above
  - b. B6A 1<sup>st</sup> Floor – 12' 6" to deck with 19" tall joists above
  - c. B6A 2<sup>nd</sup> Floor – 11' 6" to deck with 19 inch tall joists above
8. Clarify the extent of framed soffit required at the following locations ---
  - 103 Women's Restroom (B6)
    - Shall have hard ceiling installed.
  - 108 Vacant (B6)
    - 4'x5'x10"
  - 109 Vacant (B6)
    - 5'x10'x16"
  - 110 ROI Office (B6)
    - 1'x2'x16"
  - H101A Corridor (B6)
    - 2'x5.5'x9"
  - H103 Corridor (B6)
    - 2'x7'x16"
9. Verify the ceiling/chase/wall rating required at the following locations ---

\*GI002; General Architectural Notes #10

  - 102 Utility Closet (B6)
    - 1 hour rating
  - 109 Vacant (B6)
    - North wall between 109 and 115(mechanical room) shall be 2 hour rated. Penetration sealants shall be installed accordingly.
  - Chemical Storage (B6A)
    - 2 hour assembly rating is required
10. Are cmu wall assemblies indicated to be laminated with gypsum board also required to be furred?
  - a. CMU indicated to be laminated with drywall shall be furred with hat channel to accommodate utilities and backing requirements. (20 gauge min thickness)
11. Verify the ceiling construction required at the following rooms (the reflective ceiling plan and room finish schedule to not correspond) ---
  - 103 Women's Restroom (B6)
    - Shall have hard ceiling installed.
  - 104 Men's Restroom (B6)
    - Shall have hard ceiling installed.
  - 102 OI&T Closet (B6A)
    - Shall have hard ceiling installed.
  - 104 Closet (B6A)
    - Shall have hard ceiling installed.
  - 105 Utility Closet (B6A)
    - Shall have hard ceiling installed.
12. The drawings/specifications do not indicate the accessories required at the following locations ---
  - 102 HAS Closet (B6)

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- See Pre-Bid RFI question 65
- 103 Women's Restroom (B6)
  - See Pre-Bid RFI question 65
- 104 Men's Restroom (B6)
  - See Pre-Bid RFI question 65
- 107 Breakroom (B6)
  - See Pre-Bid RFI question 65