

Attachment D – Vendor Questions

36C24820Q0011 P00003

Question 1: What is the size of the opening between the Elevator and mechanical room?

The doors are a double door set you have 70" of side to side clearance and 83" of height.

Question 2: Can the door and frame be removed to allow for a tank to be placed into the mechanical room?

No, there is no reason that these doors or jamb should have to be removed to get the equipment into the mechanical room. (See attached picture)



Questions 3: Is the referenced door on a block wall and can we cut into the block if necessary to bring in the new tank, then repair the wall?

No. The question that should be asked is, 'What is the size of the elevator and the elevator opening?' This will be the smaller space. The elevator inside is 5'4" wide X 8' deep, and the opening is 4' wide. There is also an exterior door, but it is only a 36" wide door. It would be a lot easier to use two tanks totaling 400 gallons or more than to remove this exterior door, jamb, and block, as this will mean the VA will have to make repairs.

Question 4: Can we install two tanks totaling 400 gallons for each compressor?

Installing two tanks, 200 gallons each or larger in place of one 400 gallon tank would be acceptable.

Question 5: It is my recollection that NFSG VA policy is to have an OSHA 30 supervisor on-site during any performance, does such standard apply to this solicitation?

All workers on site are to hold an OSHA 10 and the job foreman is to hold an OSHA 30.

Question 6: Please verify the controls are a disconnect and reconnect in scope, and there is no change in sequence of operations required?

The controls would not be a simple disconnect/reconnect as screw compressors typically do not start or stop while loaded. Screw compressors normally start the motor unloaded, then after having started the motor put the load on the compressor. After the cutoff pressure is reached the motor is unloaded but continues to run until the cut on pressure is reached at which time the compressor is again loaded. The way the controls are setup on our existing compressor

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system is that when the cut on pressure is reached the motor control starts the motor under load, and when the cutoff pressure is reached the motor control cuts power to the motor. Also to be noted is that currently when the cut on pressure is reached two compressors will be started, and if pressure should continue to fall the third compressor would be started. The compressors are currently setup to cycle through the three compressors.

Question 7: Does the Electrician need to have a controls certificate for work on the disconnect and reconnect of controls, or will standard Electrical license suffice?

I am comfortable with a qualified electrician who has experience with control wiring.

Question 8: Is hot work in the electrical panel permitted with proper hotsuit and PPE or will a panel shutdown be required?

The electrical panel can be and should be deenergized to support the necessary work. Working the panel energized would take a great deal of coordination in getting an approved energized electrical permit signed up to and including the Director. All affected electrical loads are in the laundry facility, which will not be in operation over the weekend. Just know that two air handling units are among the electrical loads that will be deenergized, affecting air conditioning in the laundry spaces during the transition. With laundry being shut down for the weekend, it shouldn't be a huge issue, but it could potentially get uncomfortable if shut down for a full day.