

The Bid Document shall be amended and new clauses added will become part of the Contract Document as follows:

### **General**

The closing date has been changed from September 16, 2022, to September 23, 2022. The time and location of the closing remain unchanged.

### **Questions**

1. “The 1ILD liquid drainer, it states to clean and reuse, for the price of this component ( roughly \$700 ) it just doesn’t make sense to reuse after replacing the oil separator. ”
  - A. Replace liquid drainer.
2. Relief valves should also be replaced given the small cost increase on a project of this size.
  - A. Replace pressure relief valves.
3. “Is a new charge of ammonia to be put in the system? Or are we reusing the old one.”
  - A. Install a new charge of ammonia in system.
4. The Plate & Frame package and the room dimensions. It isn’t possible to get the complete package with the horizontal surge drum inside the room with the current conditions. A wall would have to be knocked down.  
The package could be built up inside the room( labour costs will increase ) but the ceiling would need to be 10ft high in order to properly secure and lift the surge drum into position once the plate frame is complete. Can you confirm the route the facility would like to go.
  - A. The new plate and frame heat exchanger and surge drum package will be installed through existing doors, no wall demolition. If the package cannot be moved into the room as a single package then it shall be field assembled.
5. Insulation, Assuming it is the facilities wish to have the surge drum insulated. What type of insulation is required, and are all new line modifications required to be insulated as well?
  - A. Armaflex insulation with PVC jacket is to be installed on all new piping and surge drum. Minimum insulation thickness 2” on piping and 3” on surge drum.
- .6 Float column for the new horizontal surge drum, having this with sight glasses to view ammonia levels is required for proper operation.
  - A. Provide ammonia float column complete with sight glass.
7. Is the disposal of the old heater exchanger, surge drum and condenser supposed to be included in contractor scope?
  - A. Contractor will dispose of all removed equipment and any waste generated during construction.

**END OF SECTION**