

Heat Exchanger – Scope of Work

FAR# 18-0267

1515 Holcombe Blvd.

Houston, TX 77030

MDACC Green Basement HEX-P-B-2

The scope of work would include in the least the following:

1. Replace existing plate pack assembly with new plate pack. Existing frame, pressure plate assembly to remain.
2. Existing Pipe connections to the hex will remain unchanged.
3. All material used, installation, workmanship etc. Shall comply with current MDACC Master specs and guidelines.
4. Understand that gaskets were left over from a previous project and have been delivered to MDACC for storage. These may be used if complying with our master specs.
5. Note HEX- 3 is leaking and is not in service. N+1 redundancy is not there except for the heat recovery chiller, which is also having its two modules leaking. A FAR is in progress to repair these leaks. As far as possible, construction work shall not be done in peak summer.
6. On completion of work, the hex (with the new plates) performance will be equal to or better than hex original duty. The original duty of the hex is attached.
7. Note secondary side working pressure of 300 psi.
8. Work shall be done in weekends or after office hours to allow for transportation of heavy equipment through the sterile processing department, (SPD), which is the only way the heavy equipment can be transported.
9. Contractor to verify overall dimensions of equipment installed to ensure that the equipment can be safely transported through the elevators and through the SPD corridor.
10. All testing shall be part of the project. Commissioning will be by third party and hired by MDACC.
11. The option recommended by MDACC and approved by all, **is to replace the plate pack**. There is also the option of replacing the entire hex, in total, but capacities and performance shall match data on the attached schedule with no changes in piping and in full compliance with MDACC specs and guidelines.