

Statement of Work

Chill Water Pump Overhaul and Recondition

Furnish all labor, equipment, tools, materials, parts, supplies, and supervision necessary to overhaul and recondition three (3) Chill Water Pumps at the VA Pittsburgh Health System located at University Drive C, Pittsburgh, PA 15215-1802. Only one (1) pump at a time shall be rebuilt maintaining two (2) on-line in working order to support the facility chill water needs. Contractors effort shall include provision of the following:

1. Coordinate with the VA personnel the lockout and tag-out on the 200hp pump motors.
2. Recondition motors:
 - a. disassemble and inspect
 - b. steam and bake stator
 - c. clean and sandblast
 - d. electrical testing including meg testing and record
 - e. mic all fits
 - f. dynamic balance rotor
 - g. install new bearings
 - h. install aegis shaft grounding ring
 - i. reassemble test and paint
3. VAPHS Personnel will provide positive valving-off of the Chill Water System
4. Rebuild pump rotating assembly:
 - a. clean and sandblast
 - b. install new bearings
 - c. install new seals
 - d. install new shaft coupling sleeves
 - e. install new gaskets
 - f. laser align motor and pump mechanical drive coupling
 - g. Provide final report indicating the information from the pump alignment
 - h. Leak test upon re-assembly of the pump housing
 - i. Re-insulate pump
 - j. bleed from pump and test run pump assembly
 - k. Provide Owner training
5. Normal work hours are from 7:00am to 3:30pm Monday through Friday. Work outside of these hours must be requested and approved by the VA Supervisor.