

## **Construction Scope of Work**

### **Modernize Existing Chillers**

636A8-16-008

The Modernize Existing Chillers project will replace 1000 ton Chillers 4 and 5 with two high-pressure chillers, along with its associated pumps and piping. The new chillers will be brought on-site and rigged in a disassembled state sufficient to be brought in through the overhead door and through the areas of the demolished pumps and piping. The manufacturer will be responsible for assembly and testing on-site. The base will include installing Magnetic bearing oil-less chillers with variable frequency drives with an alternate deduct for the standard model. This project will also replace the transformer and switchgear that serves the chillers. The existing control system will be updated with the removal of the DX9100 control modules and replaced with the latest versions. The winter install for both chillers must be performed and finished between the dates of October 1<sup>st</sup> and April 15<sup>th</sup>, with expected plant to be fully operational by May 1<sup>st</sup>.