

Barton Community College

Study Session

January 13, 2026

Boiler Replacement

Detail: The College has a central plant which provides hot water, chilled water, and power to the 8 upper campus buildings. Hot water is delivered to all buildings via 5 packaged modular boilers located in the central plant which in turn heats all the buildings. Three of these Lochinvar Boilers have developed leaks in their heat exchangers and need to be replaced.

Ongoing problems with the quality of our well water is reducing the life of these boilers. We are exploring the option of installing plate heat exchangers to eliminate the contamination of the boiler. This option may be implemented once the boilers are shut off for the season.

The heating load during the coldest part of the winter requires 3 of the 5 boilers to run at nearly 100% capacity. Facility Management staff will replace the boilers once they arrive.

Recommendation – Approve the bid from Associated Equipment Sales for three FBN3501 Lochinvar Boilers in the amount of \$174,900.