



Request For Quote For Heating System Repairs Amundson Community Center, 200 Spring Street, Cambridge Wisconsin

SUBMITTAL DEADLINE: March 31, 2015 at 4:00 pm

Submit in writing to the Village Clerk

200 Spring Street

PO Box 99

Cambridge, WI 53523

Call 608-423-3712 to schedule a site visit.

The Village of Cambridge seeks quotes to replace three gas-fired hot water boilers located at 200 Spring Street at the Amundson Community Center, a two story multi-use facility housing the library, village offices, police offices and community rooms.

In the last 45 days, two of the three Weil-McLain VHE-6 boilers have begun to leak and have been disabled. The third boiler controller failed but has been repaired. Currently we are operating with one functioning boiler.

DESCRIPTION OF EXISTING BOILERS

- Weil-McLain VHE-6, 167,000 BTU/hr. with a heating capacity of 147,000 BTU/hr.
- Listed boiler inspection date: June 1991. Boiler IDs B0047876, B0047877 and B0047878.

SCOPE OF WORK

- Temporarily shut-down, depressurize, drain, remove and dispose of existing water boilers
- Place new boilers back in the same location
- Adapt to existing water piping connections & add isolation valves as needed
- Replace pressure reducing & pressure relief valves as needed; connect to existing expansion tank
- Clean entire system with tri-sodium phosphate or similar product as recommended by the manufacturer. Fill system with a solution of TSP and circulate for 24 hours or longer. Flush system completely of all TSP residue. Fill system with water & bleed air from water lines
- Supply and install voltage control & electrical wiring for equipment
- Replace circulation pumps associated with each boiler (not main system circulation pump)
- Gas connections to existing source as needed
- Drain line to floor drain
- Fire burner and adjust to most efficient firing rate, check out operation of burner and boiler safety controls
- Hot water boil control sequence to be wired and adjusted to perform at an optimum level

PRODUCTS

- High-Efficiency, sealed combustion, gas fired water boilers with gas modulation to enhance boiler life-span
- The boilers shall be design certified and tested with a minimum thermal efficiency of 90% and shall bear the ASME stamp
- Full instrumentation package
- Drain valves