REQUEST FOR PROPOSAL
TO
REPLACE THE HEATING SYSTEM PUMP/DOMESTIC WATER HEATING SYSTEM

The Kiel Area School District is seeking Requests for Proposals to replace the heating system pump and domestic water heating system.

This project requires design and proper sizing of equipment to control space requirement including meeting all local permit requirements and state approval. Prevailing wages required.

A mandatory walk-through will be conducted on **Monday, April 26, 2021 at 9:00 a.m**., at Kiel High School (210 Raider Heights) for anyone interested in bidding this project.

Sealed bids must be submitted by **Friday, May 14, 2021 at 10:00 a.m.** Bids should be mailed or delivered to: Dr. Brad Ebert, KASD, 416 Paine Street, Kiel, WI 53042. Bid opening will be held at 11:00 a.m., on May 14, 2021.

A copy of the project scope will be on the district's website at http://www.kiel.k12.wi.us or you may contact the district office at 894-2266.

All other questions should be directed to: Aaron Kissinger, Building and Maintenance Manager at 920-894-2263 ext. 6060.

Request for Proposal – Scope of Project
Replace Heating System Pump/Domestic Water Heating System
Kiel High School
April 2021

Mandatory walk-through will be conducted on Monday, April 26, 2021 at 9:00 a.m. at Kiel High School (210 Raider Heights).

Heating System Pump Replacement

- Remove asbestos in order to replace pumps
- Remove bypass control valve in maintenance room to the east of boiler room
- Remove two small summer pumps
- Remove (3) base-mounted pumps and replace (4) new base mounted pump end suction pumps
    - (2) to service HWS lead/lag
    - (2) to service HWSB lead/lag
- Provide and install (4) new triple duty valves
- Provide and install (4) suction diffusers
- Provide and install (8) braided steel pipe connections
- Provide and install all new shut off valves
- Revise all pump piping to fit new pumps and equipment; piping 2" and under to be threaded piping; piping 2 ½" and up to be welded – (No groove piping allowed)
- Provide ABB VFD's with disconnects for each pump or pump with integrated VFD and disconnect
- Insulate all pump piping to meet codes
- Provide and install (2) pressure differential measuring stations out in system for control contractor
- Provide detailed list of proposed equipment/Brands and a list of work to be performed
- Permits

NOTE: CONTROLS BY OTHER UNDER SEPARATE CONTRACT

Domestic Water Heating System

- Asbestos removal
- Demo (2) existing domestic storage tanks/water heaters
- Install new tank and equipment on old boiler pad located in boiler room
- Install (2) 120-gallon indirect domestic water heating tanks
- Pipe tank domestic water properly to provide even flow through each tank
- Provide and install new domestic recirculating pump and isolation flanges
- Provide and install (4) new circulating pumps to provide lead/lag pumps for each water heater

- Provide and install domestic mixing valve to be installed on hot water supply line out to building to be set at 120°
- Provide detailed list of proposed equipment/Brands and a list of work to be performed
- Permits

NOTE: CONTROLS BY OTHERS UNDER SEPARTE CONTRACT

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