

Winona Office 374 East Second St. P.O. Box 77 Winona, MN 55987

Phone 507.452.2064

Fax 507.452.6320 www.whvr.com Rochester Office 1712 Third Ave. SE Rochester, MN 55904

Phone 507.280.4201 Fax 507.281.7694 www.whvr.com La Crosse Office 1202 Caledonia St. La Crosse, WI 54603

Phone 608.782.6550 Fax 608.782.1219 www.whvr.com

## **ESTABLISHED IN 1902**

• HVAC Design/Build • Roofing • Service/Controls • Testing & Balancing • Specialty Metals • Architectural Sheet Metal

# **Proposal**

Date: September 18, 2019

**Contact: Superintendent - Jon Thompson** 

**Project: Rushford-Peterson School District 239** 

# **HVAC Equipment Covered Under this PM Contract Proposal:**

- 15-York Rooftop Units
- 1-York Air Handling Unit
- 1-Xetex Rooftop Unit
- 1-Greenheck Make Up Air Unit
- 3-Paterson Kelly Boilers/Pumps
- 1-York Chiller/Pump
- 1-Armstrong Packaged Pump Skid/Glycol Feed System (Chilled Water System)
- 2-Armstrong Heating System Circulation Pumps
- 3-Mitsubishi Mini-Split Systems
- 2-Fan Coil Units
- 4-Unit Heaters
- 11-Cabinet Unit Heaters
- 35-Exhaust Fans



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# Scope of Work for HVAC System Preventative Maintenance Contract:

- Belt replacements 1x per contract
- Filter replacements 1x per contract
- Provide grease and lubricants for motors and bearings
- Condenser coil cleaning 1x per contract for the 3-Misubishi mini-split systems
- Combustion test and tune the boilers, verify safeties are functionable
- Inspect pumps, lubricate motor and bearings, verify lead/lag operation of pumps
- Inspect electrical components, wiring and connections on all equipment
- · Verify voltage to equipment and amp draws
- Verify chiller refrigerant levels in both circuits
- Verify sequence of operation for control dampers
- Verify equipment sequence of operation
- WHV Inc. will provide Automated Logic software upgrades that will include the software upgrade and labor to install
- WHV Inc. will review the Automated Logic energy management system 2x per contract and verify the system is functioning, review parameter setting, scheduling and alarms
- Provide an equipment filter list
- Provide an equipment belt list
- Cooling systems PM work will be performed in the spring/summer
- Heating systems PM work will be performed in the fall/winter
- The one-time filter replacement provided by WHV Inc. will be done prior to the start of school
- Provide equipment inspection check lists once work has been performed



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#### Not Included:

- Labor costs to perform work outside of normal business hours Monday Friday
- · Replacement or repairs of any equipment or components found defective or not operating
- Treatment or Testing of the hot water or chilled water systems
- Chiller condenser coil cleaning (by owner)
- Glycol

**Note:** A \$3.00/Hour reduced service labor rate is given when a HVAC PM contract is in place. The current service labor rate is \$95.00/Hour

## Cost of Proposal for a 1-year Contract for HVAC Systems Preventative Maintenance:

Seventeen Thousand Seven Hundred Sixty Dollars and 00 Cents	
\$17,760.00	

**Paul Kruckow** 

Cell: 507.458.8853 // Company Main: 507.452.2064 // Email: pkruckow@whvr.com

{Accepted: Date: }

Proposal is valid for 30-days.

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