



# **Uni-Vents replacement Job For District 200**

## **Scope of work:**

- ~ Labor and material to remove old existing uni-vents.
- ~ Replace with Trane VUVE 0750 or equal.
  - ~ **Unit must be equipped with a MERV 13 filter**
  - ~ 115v/60hz/1ph
- ~ Units must be equipped with economizers/outdoor air
- ~ Supply and install the steam return and supply piping, fittings and valves needed to complete the installation.
- ~ Supply and install new steam traps and Y strainers at each unit.
- ~ Each unit will have a standalone Trane control of equal.
- ~ Complete start up on each unit.

## **Please Quote:**

- A) 1-8 unit ventilators
- B) 1- 18 unit ventilators
- C) 1-30 unit ventilators

## **Alt. #1 Condensing Units: (Per unit)**

- ~ Supply and install DX condensing units.
- ~ Supply and install liquid line dryers.
- ~ Pull a vacuum on the refrigeration system.
- ~ Do complete startup on system.

## **Alt #2 Window A/C units**

- ~ Supply and install 12 new 14,000 BTU window air conditioners.
- ~ Supply and install metal filler panels to fill in window openings.
- ~ Labor and material to install A/c units.

**\*Please include all warranty information on equipment.**



Wayne Blocker / President  
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Feb. 26<sup>th</sup>, 2021

NBCUSD-Multiple Schools Uni-vent replacement bid  
200 N. Wooster  
Capron, IL. 61012

**BID PROPOSAL:** Replacement of classroom cabinet heaters for Illinois district 200 Schools.

**Scope of Work:** Installation of classroom cabinet unit heater with steam per provided specs.

Cabinet Unit Heater \$8,950.00 ea.

- Steam Coil
- Trap, Strainer, (2) valves
- Outside air Damper
- Merv 13 filter
- Thermostat

Alt. #1- Condensing units - \$2,875.00 ea.

Alt #2- Window A/C (12) - \$18,000.00

**Description of Work:** Bid proposal entails the removal and disposal of the existing cabinet unit heater and installation of a new replacement unit. Pricing is provided on a per unit basis. Pricing includes all related labor and material for piping, and installation of cabinet.

**Not Included:** Any additional work or material required outside of the above scope or in addition to get the system to the proper operation. Electrical work to be separate.

**Schedule:** Work is to be performed during standard hours of operation Monday – Friday.

**Discount:** To offer a discount if quantity exceeds (20) of 5%.

Contact Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Acceptance Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Purchase Order: \_\_\_\_\_

**Geostar Mechanical**  
**HVAC – Boilers – Plumbing – Refrigeration – Backflow Preventers – Food Service Equipment**

**General Conditions-** The following conditions shall be considered as part of this contract.

1. Seller guarantees the equipment and workmanship of the apparatus furnished under this contract and will replace or repair any defects, not due to ordinary wear and tear, or due to improper use or maintenance, which may develop within one year from the date of completion. Seller further agrees to replace any refrigerant lost during that period, caused by defects in the installation, and not due to improper use or maintenance.
2. In no event shall the seller be liable for consequential damages.
3. On the delivery of the equipment by seller, or any part thereof, to the premises of the buyer, buyer shall assume risk of loss or damage to such equipment and shall cause same to be insured in all aspects against loss or damage in an amount to protect the interest of the seller. Cost of insurance is to be paid by the buyer.
4. Unless otherwise agreed work shall be performed during regular business hours. If overtime is mutually agreed upon and performed, the additional price, at the seller's usual rates, shall be added to the contract.
5. Buyer shall provide the seller's workman a safe place in which to work, and the seller shall have the right to discontinue work when, in the seller's opinion, this clause is being violated. Seller shall not be liable for any delay, loss, or damage caused by such delay.
6. Buyer shall be responsible for structural ability of the premises to contain the equipment in the manner and location specified in the contract or shown on the drawings, and the seller shall not be liable for any failure of premises due to such structural deficiency.
7. In the event that material incorporated in this contract is for delivery and installation, and buyer is unable to receive same, Seller shall have the right to bill buyer for the amount of the material in accordance with the terms of the contract and also to provide suitable storage and insurance at the buyer's expense.
8. Seller shall not be held responsible or liable for any loss, damage detention, or delay caused by acts of God, strikes, lockouts, or by any other cause which is unavoidable or beyond the seller's control.
9. Title to the equipment remains in the seller until payment of the entire purchase price and all sums due the seller under this contract are fully made. All equipment, whether affixed to the realty or not, shall remain personal property and be deemed serviceable without injury to the free hold. In the event of default of payment or any installment or failure to perform any terms or conditions of their contract or in the event that a proceeding bankruptcy or insolvency be instituted by or against the buyer, or if equipment is misused, illegally used or imperiled, then at seller's option the entire unpaid balance shall become immediately due and payable without notice or demand and in such case seller may resell the equipment or any part thereof at either private or public sale.
10. Should the seller be delayed by reason of any default on the part of the buyer of the terms and conditions of this contract, the entire contract price, less payment theretofore made, shall become due, and shall bear interest at the full legal rate from the date of billing.
11. If buyer claims that the plan does not fulfill the terms and conditions of the contract. He shall notify seller in writing this effect, specifying in what particular it fails. A reasonable length of time shall then be allowed to remedy any defect or deficiencies that may exist, or to demonstrate to buyer the capacity of the plan to fulfill the terms and conditions.
12. Buyer shall keep the equipment free of taxes and encumbrances, shall not remove said equipment from the premises without written permission of seller, and shall not transfer an interest in said equipment or in this contract without written consent of seller until all payments due hereunder have been made.
13. Neither buyer nor seller shall not assign this contract or any rights thereunder without the other party's written consent.
14. Seller's scope of work shall not include the identification, detection, abatement, encapsulation, or removal of asbestos, or product or materials containing asbestos or similar hazardous substances. In the event that contractor encounters any such products or materials in the course of performing its work, seller shall discontinue its work and remove its employee's from the project until such products or materials and any hazards connected there within are abated, encapsulated or removed, or it is determined that no hazard exist (as the case may require), and the contractor shall receive an extension of time to complete its work hereunder and compensation for delays encountered as a result of such situation and correction of same.

**Geostar Mechanical**

**HVAC – Boilers – Plumbing – Refrigeration – Backflow Preventers – Food Service Equipment**



February 26<sup>th</sup> 2021

Jim Nolen  
Facilities Director  
North Boone Community School District #200  
6248 North Boone School Road  
Poplar Grove, IL 61065  
815-765-9675

Dear Jim ,

The Helm Group would like to thank you for the opportunity to provide this proposal for your consideration. Partnering with Helm for this work will ensure you are receiving the highest technical expertise in our industry. We follow procedures that promote the highest safety and environmentally conscious practices available.

Our scope of work is as follows:

**►Proposed Project # 1 Unit – Ventilator Replacement**

- Lock out tag out all utilities to old Unit Ventilator unit
- Isolate piping and Drain down as needed
- Cut piping feeding old unit
- Disconnect cabinet from the structure and clean area
- Dispose of old UV in dumpster or off site
- Install (1) New Trane Model VUVE0750
- No Sub bases are included in this proposal
- No Wall Sleeves included in this proposal
- Vertical unit ventilator
- 750 cfm
- 115V / 60Hz / 1 Phase
- 100% fresh air back
- 4 pipe reheat with left hand cooling and right hand heating
- Direct expansion cooling coil - R410A
- Steam heating coil
- EC Motor
- Toggle switch
- Double deflection discharge grille
- Line Voltage Thermostat Furnish and install connection to existing wiring –No new wiring runs included
- Furnish and install (1) 2-posiiton steam valve Reconnect existing wiring – no new wiring runs
- No exhaust with controlled supply fan
- Standard depth 16.625"
- 16.625" deep end covers with 3" x 7.25" cutout
- 1" MERV 13 filter (Field installed by installer)
- Deluxe beige unit finish
- 1 Year Parts ONLY Warranty Line voltage thermostat and new steam valve for controls
- Owners Training
- Start up
- O&M Manual Turn over

☐► Total for each unit as per scope above if purchasing 1 to 29 units .....(less tax).....\$7,669.00 each  
☐► Total for each unit after the 30<sup>th</sup> unit (price discount @unit 30 from manufacture).....(less tax).....\$7,452.00 Each



Mechanical Inc., along with other Helm Group companies, have been rebranded as a single entity.  
Our services and commitment to our customers remain unchanged.



**Helm**

► **Proposed Project #2 ACCU Add for UNI-VENT with R410a Coil**

- Provide Pre-fabricated Condenser Pad and level for condenser unit
- Furnish and install (1) Trane 2 ton Condenser Model 4TTR
- Split System Cooling Outdoor Unit
- 2 Ton Nominal Cooling Capacity
- 200-230V / 60 Hz / 1 Phase
- 50' Brazed Refrigerant Line Set installed from condenser to indoor coil
- Vacuum down lineset and leak check with Refrigeration charge up
- Vibration Isolators for the outdoor condenser
- 1 Year Parts ONLY Warranty
- 5 Year Compressor Parts ONLY Warranty
- Note: Control wiring and Main line Voltage wiring excluded from this proposal
- Complete start up and check out after wiring is complete
- Owners training and Owners Manual turn over

► **Total for Proposed Project #2 ACCU installation .....(less tax).....\$4,427.00 Each unit**

Note: No quantity Discount from the manufacture at this time

► **Proposed Project #3 Window AC unit**

- Furnish and install a Frigidaire Thru the window unit @ 14,000 Btu Cooling
- Frigidaire Model # FFTA142WA2 or equal depending on availability from manufacture
- Provide color clad surround flashing to match existing material and corrosive resistant support framing
- Seal up opening to make weather tight

Note: No Electrical wiring for this unit , no outlet or power wiring of any kind

► **Total for Proposed Project #3 Window A/C Furnish and install .....(less tax).....\$2,650.00 each ,**

Note: No quantity discount from the manufacture at this time

Clarifications:

- Work to be performed during normal working hours of 7:00am thru 3:30pm, Monday thru Friday.
- *This proposal, scope, and price is the proprietary property of Helm Service and is for our Client's use only, as it is to be utilized for the agreement evaluation.* This Agreement sets forth all of the terms and conditions binding upon the parties hereto; and no person has authority to make any claim, representation, promise or condition on behalf of Helm Service, which is not expressed herein. No party shall alter this agreement. This proposal will become a binding Agreement only after acceptance by Client and approval by an officer of Helm Service as evidenced by their signatures below. All rights to any designs presented are retained by Helm Service.
- Proposal valid for 30 days.

Exclusions:

- The scope of this proposal does not include the replacement of any other components of the mechanical or controls systems that are not specifically listed in this proposal.
- Temporary HVAC equipment or rental equipment.
- Permits, Inspection fees of any kind.
- Isolation valves, strainers, check valves, etc. unless specifically noted.
- Electrical work of any kind, starters, disconnects, VFD's wire, conduit, breakers, fuses, etc. Unless noted above.
- Roofing, cutting, patching, flashing, painting.
- All work associated with Fire/Life Safety, including interfaces and interlocks to the Fire Alarm System, smoke detectors, fire dampers, smoke control dampers, and smoke/fire dampers.
- Structural building/walls; cutting, patching, and coring.
- Payment and performance bonds.
- All responsibility for Lead and asbestos identification, abatement, removal, and disposal prior to start of job.

Thank you again for your consideration of our proposal. Please do not hesitate to contact me direct should you have any additional questions or comments.

Respectfully,

Pattie Krippendorf  
Vice President  
HELM –Mechanical  
Cell 815-297-6110  
e: [pattie@helmgroupp.com](mailto:pattie@helmgroupp.com)

Aaron Spray  
Project Sales Engineer  
HELM – Mechanical  
815-238-1030  
e: [Aspray@helmgroupp.com](mailto:Aspray@helmgroupp.com)

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Signature of Authorization to proceed with selected scope above

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Date

#### CONTRACT AGREEMENT - TERMS AND CONDITIONS

1. TERMS: IF THIS CONTRACT INVOLVES THE PURCHASE OF MATERIALS AND EQUIPMENT ONLY, THE PURCHASE PRICE SHALL BE PAYABLE AT THE TIME OF DELIVERY OF THE MATERIALS AND/OR EQUIPMENT; IF THIS CONTRACT INVOLVES LABOR OR LABOR AND MATERIALS AND EQUIPMENT, PROGRESS BILLINGS WILL BE SUBMITTED COVERING MATERIALS AND EQUIPMENT DELIVERED TO THE JOB SITE OR STORED IN ACCEPTABLE STORAGE FOR DELIVERY TO THE JOB SITE. THIS PROGRESS BILLING WILL ALSO INCLUDE LABOR WHICH HAS BEEN EXPENDED ON THE JOB OR DIRECTLY CONCERNED WITH THE JOB. THIS PROGRESS BILLING AMOUNT WILL BE DUE TEN DAYS AFTER BILLING DATE. FOR JOBS WHICH REQUIRE RETENTION, A RETENTION AMOUNT OF FIVE PERCENT WILL BE WITHHELD. IT WILL BECOME DUE AND PAYABLE AT THE COMPLETION OF MECHANICAL INC.'S PORTION OF THE PROJECT.
2. Title to the materials and equipment shall remain with Helm Service, until the customer has paid the total price in full, and if the customer should fail to make any payment to Helm Service, as the same becomes due or the customer fails to perform any other obligation under this contract, Helm Service may take possession of the materials and equipment and take whatever other action it deems appropriate.
3. Helm Service warrants that its labor and installation shall be done in a good and workmanlike manner and shall be free from defects for a period of one year after completion of the installation. Helm Service warrants that all equipment and materials furnished will be new unless otherwise specified in this contract, and that Helm Service has good title thereto. Helm Service does not warrant the quality of the equipment and materials furnished in any respect and the customer's remedy for defects in the equipment and materials shall be against Helm Service's suppliers or the manufacturers of the materials and equipment. Helm Service will deliver all manufacturers' written warranties to the customer upon completion of installation. UNDER NO CIRCUMSTANCES WILL HELM SERVICE BE RESPONSIBLE FOR LOSS OF USE, LOSS OF PROFITS, INCREASED OPERATING OR MAINTENANCE EXPENSE, CLAIMS OF CUSTOMER'S, TENANTS, OR CLIENTS, OR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.
4. Once the equipment and materials have been delivered to the job site, the Customer assumes all risk of damage to same, by any cause, except that brought about by the negligence of Helm Service and its employees. The customer shall carry all Risk, Property Insurance to the full value of the materials and equipment and name Helm Service as an Additional Insured to the extend of its interest.  
  
The Customer shall be responsible for purchasing and maintaining such liability insurance as will protect him against claims which may arise from operations under the Contract. The Customer must provide Helm Service a Certificate of Insurance providing General Comprehensive and Independent Contractors Liability with minimum limits of 500,000.00 per occurrence for Bodily Injury and Property Damage.
5. Helm Service will obtain Liability and Workers' Compensation Insurance protecting it against claims which may arise from operations under the contract.
6. Helm Service will make delivery or installation, when provided herein, within a reasonable time after this contract is entered into, but it will not be responsible for delays caused by unavailability of machinery, equipment, materials or parts, shipper's delays, strikes, lockouts, restrictions imposed by civil or military authority, priority regulation of some governmental body, insurrection or riot, or any other cause beyond Helm Service's control. If a time for performance is stated in this agreement, it shall be deemed to be an estimate only.  
  
If Helm Service is required to make some installation under this contract, the customer shall be responsible for putting the premises in a satisfactory condition including furnishing electric power, light, heat, and water so that installation can start promptly and be completed efficiently.
7. If Helm Service shall fail to perform any of its obligations under this contract and fails to perform after the customer gives Helm Service ten (10) days' written notice of the specific deficiencies, the customer may have someone else complete the performance but Helm Service's liability shall be limited to what it reasonably costs the customer to obtain completion of Helm Service's obligations under this contract. If Mechanical Inc. fails to perform any of its obligations under this contract, the customer, at customer's option, and without being required to do so, may cancel this contract by giving Helm Service ten (10) days written notice.
8. If the Project is stopped for a period of thirty (30) days under an order of any court or other public authority having jurisdiction, or as a result of an act of government, such as a declaration of a national emergency making materials unavailable, through no act or fault of Helm Service or if the Project should be stopped for a period of thirty (30) days by Helm Service for the customer's failure to make payment thereon as provided in Paragraph 1, then Helm Service may upon seven (7) days written notice to the customer terminate this agreement and immediately recover from the customer payment for all work to date and for any proven loss sustained upon any materials, equipment, tools, construction equipment and machinery, including reasonable profit and damages.
9. In the event either party must commence a legal action in order to enforce any rights under this contract, the successful party shall be entitled to all court costs and reasonable attorney's fees as determined by the court for prosecuting or defending the claim as the case might be.
10. The Customer shall not leave any of the equipment or systems furnished or installed by Helm Service in operation until the customer has approved and accepted same and paid Mechanical Inc. the price in full.
11. Any written notice required under this contract may be delivered personally to the other party or mailed as certified mail, return receipt requested, to the other party's address as it appears in this agreement or as given to the other party by written notice during the terms of this contract.
12. To the fullest extent permitted by law, Customer shall indemnify and hold harmless Helm Service, its agents and employees from and against all claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from the performance of work hereunder, provided that such claim, damage, loss or expense is caused in whole or in part by any active or passive act or omission of Customer, anyone directly or indirectly employed by Customer, or anyone for whose acts Customer may be liable, regardless of whether it is caused in part by the negligence of Helm Service.

Initials \_\_\_\_\_

Date \_\_\_\_\_

**\* Please Return Initialed Document with Proposal To  
Helm Service**



POWER & PROCESS PIPING / PLUMBING/ ENVIRONMENTAL

**Capron Elementary School**

200 N Wooster St.  
Capron, IL 61012

2/25/2021

**Reference: Steam heater and Uni-vent replacements**

**Attention: Mr. Dean Schultz; Mr. Jim Nolen**

Gentlemen,

Ceroni Piping Company would like to thank you for the opportunity of submitting a proposal on the above referenced project. The following scope of work is our interpretation of responsibility to this project. Please contact the undersigned with any questions of further clarifications required.

**Base Work Classroom Unit Ventilators:**

- Shut down and remove the existing unit ventilators.
- Electric will be unhooked by Ceroni piping.
- Supply and Install Trane wall mount steam unit ventilators.
- New units will be equipped with economizers/outdoor air.
- Supply and install the steam return and supply piping, fittings and valves needed to complete install.
- Supply and install new steam traps and Y strainers.
- New units will have standalone Trane controls; new wall thermostats included existing wiring reused.
- Do complete start up on system.

**Option A (1-8) U-Ventilators: \$ 46,777.00 (Forty-six thousand seven hundred seventy-seven dollars)**

**Option B (1-18) U-Ventilators: \$ 101,785.00 (One hundred one thousand seven hundred eighty-five dollars)**

**Option C (1-30) U-Ventilators: \$ 166,761.00 (One hundred sixty-six thousand seven hundred sixty-one dollars)**

**Alternate #1 for Condensing Units**

- Supply and install DX condensing units.
- Supply and install liquid line dryers.
- Pull a vacuum on refrigeration system.
- Charge system per factory specifications.
- Power wiring by others
- Do complete start up on system.

**Add per each unit ventilator for A/C: \$ 4,673.00 (Four thousand six hundred seventy-three dollars)**

**Alternate #2 for (12) window A/C units**

- Supply and install (12) new 14,000btu window A/C units.
- Supply and install metal filler panels as needed to fill in openings.
- Supply labor to set up new A/C units.
- Do complete start up on system.
- CPC assumes each classroom will have enough power to support window A/C units.

**Total cost: \$ 7,056.00 (Seven thousand fifty-six dollars)**



**Assumptions & Clarifications:**

- Unit will come with 1-year factory warranty parts and labor for both options.
- Power and controls wiring will be completed by others with direction from Ceroni Piping.
- Quote is good for 30 days.
- There is a 5% Unit ventilator discount for quantity purchase of 18-30 units included in total price.
- CPC gave a labor deduct on 30 total units.
- Condensing units will not be discounted for quantity purchase per vendor.

**Items not included:**

- Connections to any other equipment not identified.
- Overtime or premium time, bonds of any kind
- Temp heat/cooling
- Power and control wiring
- Asbestos abatement by others
- Building automation integration
- Rework of existing millwork to accommodate 3" larger Unit Ventilators.

We appreciate the opportunity to work w/ you on the above referenced project. If you have any questions or concerns, please give me a call.

Sincerely,  
**CERONI PIPING COMPANY**

Ben Henry



February 26, 2021

North Boone  
CUSD District 200

Re: Budget for Trane VUVE Unit Ventilator Replacements

Hartwig Mechanical, Inc. would like to thank you for the opportunity to provide this proposal for the above-mentioned project.

**Scope of Work - Unit Ventilator:**

- Removal of old unit ventilator.
- Provide and replace with new Trane VUVE unit ventilator.
  - New unit will be 115VAC / 1 Phase
    - Electrical disconnect/reconnect at unit included.
  - Unit will be equipped with MERV 13 Filter
  - Unit will be equipped with DX A/C Coil for future use.
  - New line voltage thermostat included.
  - New Piping from floor to unit connections.
  - New Steam Trap and Y Strainer with each unit.
  - New Infill metal transition to Outside Air provided.
    - 1 Year Parts Warranty

**COST FOR ABOVE OPTION A: Qty. (8) Unit Ventilators..... \$74, 718.00**  
**COST FOR ABOVE OPTION B: Qty. (18) Unit Ventilators.....\$164,923.00**  
**COST FOR ABOVE OPTION B: Qty. (30) Unit Ventilators.....\$268,904.00**

**Scope of Work – DX Condensing Unit:**

- Provide and Install (1) new 2 Ton ACCU
  - New unit will be 200VAC - 230VAC / 1 Phase
    - *Any electric work is not included in this bid. Electrical system will need to be evaluated and engineered before a price can be provided.*
  - New line set provided
  - New ACCU Plastic Ground Pad
    - 1 Year Parts Warranty
    - 5 Year Compressor Warranty

**COST FOR ABOVE ALTERNATE #1: Qty. (1) ACCU..... \$4,975.00**



**Scope of Work – Window A/C Units:**

- Provide and Install (12) new 14,000 BTU Window Air Conditioners
  - New unit will be A/C only, NO HEAT.
  - New unit will be 115VAC / 1 Phase
  - Provide metal filler panel.
    - Filler panel will be paint clad, painted by others.

**COST FOR ABOVE ALTERNATE #2: Qty. (14) WINDOW A/C... ..... \$19,923.00**

**Exclusions:**

- |  |   |
|--|---|
| • Building Automation of any kind.                   | • Additional electrical work of any kind that is not mentioned above. |
| • Premium Time Labor.                                | • Insulation of any kind.   |
| • Concrete Pads                                      | • Temporary Heat, Ventilation, & Air Conditioning                     |
| • Permits Fees, Bonds or allowances.                 | • Loose motor starters / disconnects                                  |
| • Utility fees of any kind.                          | • Equipment warranty extension past mfr's std                         |
| • MBE/WBE or workforce requirements.                 | • Architectural sheet metal & equipment screens                       |
| • Saw cutting or patching floors, drives, walks etc. | • Brick / Block Work of any kind.                                     |
| • Rock or frost excavation.                          | • Painting of any kind.   |
| • Seismic restraints / seismic calculations.         |   |
| • Glazing or Framing of window openings.             |   |

Thank you for giving Hartwig Mechanical, Inc. the opportunity to bid this upcoming project.

**Sincerely,**

***Justin Lindemann***

**Director, Commercial & Industrial Division**

**Cell: (815) 529-0216**

**[justin@hartwigmechanical.com](mailto:justin@hartwigmechanical.com)**