



Henderson County Capital Projects
100 North King Street, Suite 204
Hendersonville, North Carolina 28792

Memorandum To: Interested Qualified Bidders

*From: Bryan Rhodes
Capital Projects Construction Manager
Brian Cotton
Capital Projects Superintendent
Chad Dillon
Henderson County Public Schools Director of Facilities*

*Subject: Request for Proposals:
Apple Valley Middle School Chiller Replacement*

Date: September 25, 2024

Mandatory Pre-Bid: **October 9, 2024 @ 10am**
Apple Valley Middle School
43 Fruitland Rd.
Hendersonville, NC 28792

Proposals are due: **October 23, 2024 @ 2:00pm**
Henderson County Government Offices
Attention: Bryan Rhodes
100 North King Street, 2nd Floor, Suite 204
Hendersonville, NC 28792.

Location of Work: Apple Valley Middle School
43 Fruitland Rd.
Hendersonville, NC 28792

Last Day for Questions: Wednesday, October 16, 2024 @ 2:00pm

Questions must be in written form by email or USPS letter on or before, but NLT date indicated. Submit all questions to: Director of Facilities Chad Dillon @ mcdillon@hcpsnc.org



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Sealed hard copy bids will be received from bidders by Henderson County at the Henderson County Government Offices, 100 North King Street, Suite 204, Hendersonville, North Carolina 28792 2:00pm. **It is the sole responsibility of the vendor that its bid reaches Henderson County by the designated date and time indicated above.**

Detailed Scope of Work:

The project scope is inclusive of, but not limited to: Provide a turnkey project inclusive of all labor, materials, traffic control, supervision, disposal fees, permits, inspections, etc. to the work outlined in the, specifications, bid documents and instructions from the mandatory Pre-bid meeting. Work areas and delivery routes to be left in a clean and good condition.

Replacement and Removal of existing Trane RTAA 2704X with a Daikin AWV018B or HCPS approved alternate. Current chiller does not have a VFD currently. **Base bid to include new VFD on the screw compressors and a phase monitor on the chiller.**

Alternate Chiller must meet the following specifications:

PART 1: GENERAL

1.01 SUMMARY

A. Section includes design, performance criteria, refrigerants, controls, and installation requirements for air-cooled rotary screw packaged chillers.

1.02 REFERENCES

A. Comply with applicable Standards/Codes of AHRI 550/590, ANSI/ASHRAE 15, ASHRAE 90.1 current version requirements, and ASME Section VIII.

1.03 SUBMITTALS

A. Submit shop drawings and product data in accordance with specification requirements.

B. Submittals shall include the following:

1. Dimensioned plan and elevation view drawings, required clearances, and location of all field connections,
2. Single line schematic drawing of the field power hookup requirements, indicating all items that are furnished.
3. If field refrigerant piping is required, furnish a single line piping drawing.



4. Schematic diagram of control system indicating points for field connection and fully delineate field and factory wiring.
5. Installation manuals.

1.04 QUALITY ASSURANCE

- A. Regulatory Requirements: Comply with the codes and standards specified.
- B. Factory Tested: Packaged chiller shall be pressure tested, evacuated, and fully charged with refrigerant and oil, and be functionally tested at the factory.
- C. Chiller must be manufactured in an ISO certified facility.
- D. Factory trained and authorized service personnel shall perform pre-startup checks and startup procedures.

1.05 DELIVERY AND HANDLING

- A. Chillers shall be delivered to the job site completely assembled and charged with refrigerant and oil by the manufacturer.
- B. Comply with the manufacturer's instructions for rigging and handling.
- C. If unit is to be stored, comply with manufacturer instructions for storage.

1.06 WARRANTY

- A. The chiller manufacturer's warranty shall cover parts, labor, and refrigerant costs for the repair or replacement of defects in material or workmanship for a period of one year from equipment startup or 18 months from shipment, whichever occurs first and also include an additional extended warranty for four years on the compressor parts only. Warranty support shall be provided by company direct or factory authorized service permanently located near the jobsite.
- B. Extended Compressor Warranty: 4 years extended compressor warranty, parts only.
- C. Extended Unit Warranty: none.
- D. Delayed Warranty Start: None. (Startup within 6 months of shipment)

1.07 Sustained Operational Performance and Reliability

- A. Maintenance of the chillers shall be the responsibility of the owner and performed in accordance with the manufacturer's instructions.



PART 2: PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. Basis of Design - Daikin Model AWV, including the standard product features and all special features required. Alternate Chillers must meet the specifications of referenced chiller to be considered as an alternate. All alternates must be approved by Henderson County Public Schools.

2.02 UNIT DESCRIPTION

A. Provide and install as shown on the plans, factory assembled, factory charged with R-513A, air-cooled, rotary-screw compressor packaged chillers in the quantity and size specified. Each chiller shall consist of multiple semi-hermetic screw compressors, direct-expansion evaporator, air-cooled condenser section, control system and all components necessary for protected and controlled unit operation.

2.03 DESIGN REQUIREMENTS

A. General: Provide a complete rotary screw packaged chiller as specified and as shown on the drawings. The unit shall be in accordance with the standards referenced in section 1.02.

B. Performance: Refer to the schedule of performance on the drawings. The chiller shall be capable of stable operation to a minimum of 15 percent of full load without hot gas bypass. The unit shall have factory mounted, low ambient head pressure control providing low ambient start capability to -10°F (-23.3°C) and operation to -20°F (-28.9°C) ambient temperatures.

C. Manufacturer must provide both sound power and sound pressure data in decibels. Sound pressure data per AHRI 370 must be provided in 8 octave band format at full load. In addition, A-weighted sound pressure at 30 feet should be provided at 100%, 75%, 50% and 25% load points to identify the full operational noise envelope. Sound power must be provided in 1/8 octave band format to highlight any tonal quality issues. If manufacturer cannot meet the noise levels (per the attached chart), sound attenuation devices and/or barrier walls must be installed to meet this performance level.



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Sound Data (Internal Discharge Compressor Muffler with Sound Wrap on Discharge Line)

Sound Pressure (at 30 feet)

% Load	63 Hz db	125 Hz db	250 Hz db	500 Hz db	1 kHz db	2 kHz db	4 kHz db	8 kHz db	Overall dBA
100	79	76	72	70	68	62	55	49	72
75	77	74	71	69	66	58	53	47	70
50	76	72	69	65	62	54	49	44	67
25	73	69	64	62	59	51	46	40	64

Sound Power

% Load	63 Hz db	125 Hz db	250 Hz db	500 Hz db	1 kHz db	2 kHz db	4 kHz db	8 kHz db	Overall dBA
100	106	103	99	97	95	89	82	76	99
75	104	101	98	96	93	85	80	74	97
50	103	99	96	92	89	81	76	71	94
25	100	96	91	89	86	78	73	68	91

One-third Octave Band Sound Power

% Load	50 Hz	63 Hz	80 Hz	100 Hz	125 Hz	160 Hz	200 Hz	250 Hz	315 Hz	400 Hz	500 Hz	630 Hz	800 Hz	1 kHz	1.25 kHz	1.6 kHz	2 kHz	2.5 kHz	3.15 kHz	4 kHz	5 kHz	6.3 kHz	8 kHz	10 kHz
100	102	101	99	98	98	99	94	95	94	94	93	89	89	90	90	86	83	81	79	77	76	75	69	65
75	101	100	98	96	97	97	93	95	91	93	91	87	89	87	88	82	80	78	76	74	74	72	67	64
50	99	98	96	94	95	94	92	91	88	89	88	85	85	84	84	78	76	75	73	71	70	69	64	61
25	96	95	93	91	92	91	87	88	85	86	85	81	82	81	80	75	73	71	69	68	67	66	60	57



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Octave band is non 'A' weighted and overall readings are 'A' weighted. Sound data rated in accordance with AHRI Standard-370.

1. The unit shall have sound attenuation material wrapped on the entire length of the discharge line.

2.04 CHILLER COMPONENTS

A. Compressor motors: Motors shall be high-torque, two-pole, semi-hermetic type with inherent thermal protection on all three phases, and cooled by suction gas. The compressors shall be field serviceable, semi-hermetic, single-rotor screw type with one central helical rotor. The gate rotor contact element shall be constructed of engineered composite material, dimensionally stable up to 1500°F and wear resistant for extended life. Compressors shall be vibration isolated from the frame by neoprene compression mounts and include an internal discharge compressor muffler. If a twin-screw design is used, the manufacturer shall provide an extended 5-year parts and labor warranty covering all additional moving parts. If compressor does not have an internal discharge compressor muffler, additional sound attenuation must be provided. Each compressor shall be equipped with a VFD providing compressor speed control as a function of the cooling load. Each VFD shall provide controlled motor acceleration and deceleration, and shall provide protection for the following conditions: electronic thermal overload, over/under current, stalled motor, input and output phase loss, high load current, and current unbalance. The VFD shall provide a minimum 95% displacement power factor at all load points. Compressors used in VFD controlled units must have electrically insulated, ceramic bearings to mitigate bearing and/or lubricant damage from stray electric current passage. Compressor shall be able to control compression ratio to optimize efficiency at all operating conditions. Units without this protection must have an extended 5-year compressor warranty.

1. The unit controller shall display the following operating messages:
 - a. Line voltage not present
 - b. Voltage present, starter ready
 - c. Motor accelerating
 - d. Motor at full speed
 - e. Motor at full speed, ramp time expired
 - f. Stop command received, motor decelerating
 - g. Thermal overload has reached 90% to 99%



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- h. Thermal overload at 100%, motor stopped
 - i. Thermal overload reduced to 60%, motor can restart
 - j. Passcode enabled
 - k. Passcode disabled
 - l. Thermal overload content in percentage
 2. The unit controller shall display the following alarms and faults:
 - a. Over Current-Hold
 - b. Over Current-Unload
 - c. Over Current-Alarm
 - d. Overheat-Hold
 - e. Overheat-Unload
 - f. Overheat-Alarm
 - g. Communication Fault
 - h. System power not three phase
 - i. Phase sequence incorrect
 - j. Line frequency less than 25 Hz
 - k. Line frequency more than 72 Hz
 - l. Excessive current unbalance
 - m. Operating parameters lost
 - n. No current after "Run" command
 - o. Undercurrent trip occurred
 - p. Overcurrent trip occurred
 - q. Control power too low
 - r. Motor stalled during acceleration
 - s. External fault
 3. The unit controller shall display the following data:
 - a. Output Frequency
 - b. Output Current
 - c. Output Voltage
 - d. Output Power
 - e. Fault Code
- B. Evaporator: The evaporator shall be of the direct expansion type with single pass on the refrigerant and water side for high efficiency counterflow heat transfer and low pressure drops, carbon steel shell, and high efficiency finned copper tubes rolled into steel tube sheets. The evaporator shall be designed, inspected, and stamped in accordance with ASME Section VIII requirements.



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1. The evaporator shall be protected with an electric resistance immersion heater. The evaporator shall be insulated with 3/4" thick CFC and HCFC-free closed-cell flexible elastomeric foam insulation material with 100% adhesive coverage. The insulation shall have an additional outer protective layer of 3mm thick PE embossed film to provide superior damage resistance. Insulation without the protective outer film shall not be acceptable. UV resistance level shall meet or exceed a rating of 'Good' in accordance with the UNI ISO 4892 - 2/94 testing method. This combination of an immersion heater and insulation shall provide freeze protection down to -20°F (-29°C) ambient air temperature.
 2. Flow Switch: The evaporator shall be equipped with a factory-mounted and wired flow switch.
 3. Evaporator shall have standard left-hand grooved connections when looking at the unit control panel.
- c. Condenser: Coil shall be microchannel design and shall have a series of flat tubes containing multiple, parallel flow microchannels layered between the refrigerant manifolds. Tubes shall be 9153 aluminum alloy. Tubes made of 3102 alloy or other alloys of lower corrosion resistance shall not be accepted. Coils shall consist of a two-pass arrangement. Each condenser coil shall be factory leak tested with high-pressure air under water. Coils shall withstand 1000+ hour acidified synthetic sea water fog (SWAAT) test (ASTM G85-02) at 120°F (49°C) with 0% fin loss and develop no leaks.
1. Condenser fans shall be propeller type arranged for vertical air discharge and individually driven by direct drive fan motors. Fan motors shall be weather protected, three-phase, direct-drive, TEAO, totally enclosed air-over motors with class F insulation or better. The first fan motor on each circuit shall be equipped with a VFD providing fan speed control as a function of the condenser pressure. ODP motors are not acceptable. Each fan section shall be partitioned to avoid cross circulation. The fans shall be equipped with a heavy-gauge vinyl-coated fan guard. Condenser fans must be constructed of a single piece, molded composite material to provide low noise levels and protection against corrosion.
- d. Refrigerant Circuit: The unit must have refrigerant circuits completely independent of each other with one compressor per circuit; multiple per circuit shall not be acceptable. Each circuit shall include an electronic expansion valve, liquid line shut-off valve, replaceable core filter-drier, sight glass with moisture indicator, and combination discharge check and shutoff valve.



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E. Unit formed sheet metal components shall be painted using a corrosion resistant paint system, for aesthetics and long-term durability. Paint system will include a base primer with a high-quality polyester resin topcoat. Painted galvanized parts shall be G60 or greater and finished, unabraded panel surfaces shall be capable to be exposed to an ASTM B117 salt spray environment and exhibit no visible red rust at a minimum of 3,000 hours exposure. Finished, abraded surfaces shall be tested per ASTM D1654, having a mean scribe creepage not exceeding 1/16" at 1,000 hours minimum exposure to an ASTM B117 salt spray environment. Unit shall have condenser coil louvers and base frame grilles.

F. ELECTRICAL PANEL

1. Control Panel: Single-point power connection to disconnect switch with through-the-door handle and with individual circuit breakers. A UL-approved weatherproof electrical panel shall contain the unit control system, control interlock terminals and field-power connection points. Box shall be designed in accordance with NEMA 3R rating. Hinged control panel access doors shall be tool-lockable. Barrier panels shall be provided to protect against accidental contact with line voltage when accessing the control system. Fan motors shall have inherent overload protection and compressor motors shall have three-phase motor overload protection. Factory-supplied power components shall include:

- a. Individual contactors and circuit breakers for fan motors,
 - b. Circuit breakers and factory-mounted transformers for each control-circuit,
 - c. Unit power terminal blocks for connection to remote disconnect switch,
 - d. Terminals for power supply to the evaporator heater circuit.
 - e. Fan motors shall have inherent overload protection and compressor motors shall have three-phase motor overload protection.
2. The control logic shall be designed to maximize operating efficiency and equipment life with protections for operation under unusual conditions and to provide a history of operating conditions. The system shall intelligently stage the unit to sustain leaving water temperature precision and stability while minimizing compressor cycling.
3. Equipment protection functions controlled by the microprocessor shall include high discharge pressure, loss of refrigerant, loss of water flow, freeze protection, and low refrigerant pressure. User controls shall include:
- a. auto/stop switch,
 - b. chilled water set-point adjustment,



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- c. anti-recycle timer,
- d. digital display with water temperature and setpoint,
- e. operating temperatures and pressures, and diagnostic messages.
- 4. The following features and functions shall be included:
 - a. Durable liquid crystal display (LCD) screen type, having minimum four 20-character lines with 6 key input pad conveniently mounted on the unit controller. Default language and units of measure shall be English and I-P respectively. Messages shall be in plain English. Coded messages, LED indicators and LED displays are not acceptable.
 - b. Separate control section and password protection for critical parameters.
 - c. Remote reset of chilled water temperature using a 4-20mA signal
 - d. Soft-load operation, protecting the compressor by preventing full-load operation during the initial chilled fluid pull-down period
 - e. BAS communication flexibility through modular plug-in BACnet® with MSTP
 - f. Non-volatile program memory allowing auto-restart after a power failure.
 - g. Recording of safety shutdowns, including date-and-time stamp, system temperatures and pressures. A minimum of six previous occurrences shall be maintained in a revolving memory
 - h. Start-to-start and stop-to-start cycle timers, providing minimum compressor off time while maximizing motor protection
 - i. Lead-lag compressor staging for part-load operation by manual selection or automatically by circuit run hours
 - j. Discharge pressure control through intelligent cycling of condenser fans to maximize efficiency
 - k. Pro-active compressor unloading when selected operating parameters exceed design settings, such as high discharge pressure or low evaporator pressure
 - l. Diagnostic monitoring of unit operation, providing a pre-alarm signal in advance of a potential shutdown, allowing time for corrective action
 - m. The unit shall be equipped with ground fault protection.

PART 3: EXECUTION

3.01 INSTALLATION



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- A. Install in strict accordance with manufacturer's requirements, submittal drawings, and contract documents.
- B. Measures must be taken to avoid accumulation of debris in the evaporator during initial system flushing. A strainer with perforations no larger than 0.125" (3.2 mm) diameter must be placed in the supply water line just prior to the inlet of the evaporator. Care shall be exercised when welding pipe or flanges to the evaporator to prevent any slag from entering the vessel. Any welds after the strainer must be mechanically cleaned to avoid slag entering the evaporator.
- C. Adjust and level chiller in alignment on supports.
- D. Coordinate electrical installation with electrical contractor.
- E. Coordinate controls with control contractor.
- F. Provide all required accessories or accompanying parts to insure a fully operational and functional chiller.

3.02 START-UP

Provide factory-authorized starting of chillers, and instruction to the owner on operation and maintenance

GENERAL:

Henderson County requests proposals to provide a turnkey project inclusive of all labor, materials, concrete pads, traffic control, supervision, disposal fees, permits, inspections to remove and replace existing chiller system located at Apple Valley Middle School.

Contractor is to meet or exceed all requirements and specifications outlined in this RFP.

Work area and equipment room to be left in a clean and good condition

- Work completion includes receiving and passing all inspections.
- Install all materials and equipment in accordance with manufacturer's instructions and warranty requirements.
- Contractor must submit a timeline for beginning and completion of the project.
- Any streetlight or ground lights which need to be temporarily removed for crane or lift access will be the contractor's responsibility. Lighting must be reinstalled and made operational upon completion.
- This chiller is one of two chillers responsible for cooling Apple Valley Middle School and North Henderson High School. Any downtime must be scheduled in advance



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with HCPS Director of Facilities. Work should be coordinated to keep downtime to an absolute minimum.

- Existing chiller will not be disabled or disconnected until the new chiller and its components have been received.
- At all times, the other chillers are to remain operational & running.
- Contractor is to obtain and pay for any and all required permits and inspections. Any deficiencies found in the installation or materials used in the installation which prevents receiving a green tag from inspectors will be the Contractor's responsibility and expense to correct.
- Contractor is to remove the existing unit, remove the unit from the premises, and disconnect piping and electrical in a way that it can be reconnected. If additional isolation valves are necessary, this will be at the Contractors expense. Any such valves will be "butterfly".
- Design intent is to match the existing installation. Heat Trace is currently installed.
- Any modifications to fencing, gates, doors or door frames for the removal of equipment or delivery of equipment will be at the Contractor's expense. If modifications are needed, the Contractor is to restore gates, doors & and door frames to existing conditions.
- Contractor is to reconnect to existing piping and/or replace piping in the vicinity of the unit to make the systems fully functional. Any piping or electrical which must be rerouted or replaced is the responsibility of the Contractor.
- Contractor will be responsible for all utility disconnections, reconnections including gas, electrical, plumbing, flue, fire alarm systems and controls.
- **The controls will be discussed with the awarded contractor.**
- Furnish the necessary supervision, labor, tools, equipment and materials to complete the work outlined in this RFP and pre-bid meeting.
- There is glycol in the cooling loop.
- All piping between chiller and building is to be neatly wrapped with insulation and aluminum jacketing.
- Work schedule limitations to be coordinated with the Henderson County Director of Facilities.
- Project includes disposal of the chiller being replaced and associated debris offsite at the Contractor's expense. The Contractor will not be allowed to use school dumpsters. Construction dumpsters will be the responsibility of the Contractor and at the Contractor's expense.
- Contractor will provide traffic flaggers for any road or lane closures needed for delivery of equipment or work to be done.



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- Daily Cleanup of all affected work areas and paths of entry and material delivery or removal.
- Any damage to buildings, walk ways, pads, patios and foliage will be the responsibility of the Contractor to repair or replace at their expense. This includes work associated with the crane.
- Owner is to receive training on all major equipment and controls for Facilities Maintenance. Training will include a scheduled walk-through seminar for the owner's personnel. Explain the identification system, operation diagrams, emergency and alarm provisions, and sequencing requirements. Also explain requirements related to: seasonal provisions, security, safety and efficiency.
- Chemical Treatment will be provided by HCPS once chiller is operational. All other flushes or treatment are the responsibility of the Contractor.

The following information must be included in the proposal:

The following information must be included in the proposal:

1. All applicable licensure with North Carolina.
 2. All Subs will be Tier 1 with a state issued ID. Everyone working on this project will be required to sign in daily at the front office and receive a visitor badge. This is part of our school safety initiative and is not negotiable.
 3. Warranty on all above work
 4. Proposals to be in the form of a proposed contract signed by the bidder and ready for the County's approval, Henderson County Public Schools approval and having signature lines for signatures by both agencies.
 5. Include a copy of COI and W-9 form.
 6. Proposals should include a lump sum price for the base bid work with separate pricing for each alternate listed.
 7. All bids of \$300,000 or more, are required to provide 100% **Payment Performance Bonds** for the base bid and included alternates.
 8. All Bids of \$500,000 or more, include **Bid Security** in an amount equal but not less than five percent (5%) of the gross amount of the base bid and included alternates.
 9. Include all applicable taxes in your proposal. Henderson County is not tax exempt.
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SITE CONDITIONS:

1. The building will be occupied. Contractors and sub-contractors are limited to the work area of the chiller and associated equipment rooms. Under no conditions is the Contractor or his subs allowed to enter North Henderson High School, Apple Valley



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Middle School, or other buildings on campus without first checking into the front office.

2. This chiller is one of three chillers cooling the building. Any downtime must be scheduled in advance with HCPS Director of Facilities. All downtime must be kept to a minimum. Work should be coordinated to keep downtime to an absolute minimum.
3. All recovered refrigerant will be the property of Henderson County Public School. Recovery tanks will be provided.
4. Some components of the old chiller will be removed by HCPS. This work will be completed in a timely manner and be arranged with the awarded contractor.
5. The schools have testing which is required by the State and there may be times that noise from machines, power drills and saws and welders may not be allowed. Coordination of these times will be discussed during construction meetings. A schedule of classes and activities for the North Henderson and Apple Valley will be provided to the Contractor before the start of the job.
6. Contractor will not be allowed to work on Graduation Day. The date of Graduation will be provided to the Contractor well in advance for scheduling.
7. Work will be permitted Monday – Friday from 7:00am – 8:00pm (with exceptions of the before mentioned School’s testing times and Graduation). Work outside of these hours (including weekends) may be permitted with prior approval of the Director of Facilities.
8. Contractor must provide proper ventilation when welding inside the equipment room. Appropriate measures must be taken to prevent welding fumes from entering the building.
9. A 120 volt/ 20 amp/ single phase circuit will be provided by the owner for power tools. Any electrical needs beyond this are the responsibility of the Contractor.
10. Cranes, lifts, hoists and temporary storage pods for supplies may be parked at a designated area of the building parking lot. HCPS will not be responsible for the security of this equipment or stored items.
11. If the Contractor requires a dumpster, this will be the responsibility of the Contractor. The Contractor will not be allowed to use School dumpsters. Space for a contractor provided dumpster will be provided at a designated area of the parking lot closest to work site.
12. Sanitary facilities will not be available at the job site. The contractor will not be allowed to use restrooms inside the buildings. The Contractor shall be responsible for the provision and maintenance of portable toilets. A convenient location will be provided at a designated area at the building chiller work area.



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13. Space for Contractor Vehicles will be discussed/provided at a designated area of the building chiller work area.
14. Smoking is not permitted on the job site or the school campus.
15. There will be pedestrian traffic outside of building. Contractor will need to barricade the work area with safety cones, caution tape and construction signage to prevent pedestrians from entering the work area.
16. No vehicles, cranes, equipment will be allowed to cross or drive over grass areas, planter bed or mulch areas, sidewalks or concrete pads and patios without specific approval by the Director of Facilities (this will be discussed further at the pre-bid). Contractor will be responsible to repair any damage.
17. All road closures for material delivery, removal of chiller, cranes, etc. must be scheduled with the Henderson County Public Schools Director of Facilities in advance. The Contractor must provide flaggers at any time roads or lanes are closed.
18. All utility interruptions are to be scheduled with the owner. This includes times which the fire notification may need to be taken offline for welding.
19. Communication with students is not permitted. Shirts are required at all times.
20. Weapons are prohibited on school property. It is the policy of Henderson County Public Schools that the campus shall be free of unauthorized weapons. No Contractor, subcontractor or employee, while on campus, shall carry or encourage another person to carry, whether openly or concealed an unauthorized weapon as defined by G.S 14-284.1.

ACCEPTANCE OF WORK

1. New chiller system is to be fully functional and operating as intended when the Contractor has completed the project. Contractor shall demonstrate sustained, satisfactory performance of all equipment and systems in a test run of appropriate duration. Owner's personnel will be notified in advance so that they can be present during test run.
2. Chiller system should receive all inspections, certifications and permits required by local and State agencies. Owner is to receive written copies of all.
3. Owner is to receive all test reports, warranties, maintenance manuals, product data, closeout documents and as-built drawings. This training will include written preventative maintenance schedules and how to adjust or correct equipment as required for proper performance.

Project will be awarded based on base bid.



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See “Doing Business with Henderson County” for general information and Henderson County Insurance and Bond Requirements along with Minority Business Participation Guidelines at <https://www.hendersoncountync.gov/county/page/doing-business-henderson-county>

Terms & Conditions:

Any proposal submitted to Henderson County shall be deemed to include all the Terms and Conditions shown in the document found online at

https://www.hendersoncountync.gov/sites/default/files/fileattachments/henderson_county/page/42611/terms_and_conditions_02.23.2022.pdf

These Terms and Conditions, which refer to a “purchase order”, shall be deemed to be included in any contract entered into as a result of this Request for Proposals (“RFP”).

Any attempt by a proposed contracting party (the “Bidder”) under the RFP to exclude any of these Terms and Conditions shall cause any Proposal made in response to this RFP to be deemed to be non-responsive (unless Henderson County has notified the Bidder that the funding source for the goods or work sought under this RFP is not federal funds, in which case those provisions under number 15 of the Terms and Conditions (and all subparts thereunder) may be excluded from a Proposal.

Henderson County reserves the right to reject any and / or all bids. Qualified contractors interested in bidding on this project may contact **Mr. Chad Dillon @ mcdillon@hcpsnc.org**