



Arkansas City Public Schools

Empowering Dreams, Creating Futures.

2545 Greenway Rd

Arkansas City, KS 67005

Arkansas City High School Pool Heater Replacement

September 2026

Issued September 16, 2026

Arkansas City High School
USD 470 Arkansas City Public Schools

USD 470 requests sealed proposals from qualified contractors to remove and replace the existing pool heater at Arkansas City High School. Provide a complete, installed, tested, and operational commercial pool heating system, including the heater pump and bypass assembly, required connections, and restoration of affected pool piping.

Solicitation information	District to complete before issuance
RFP number and issue date	2026-002 09/16/2026
Project location	Arkansas City High School pool equipment room 1200 W Radio Lane
District contact	Braden Smith, Assistant Superintendent of Business and Operations braden.smith@usd470.com 620-441-2000
Optional site visit	September 21 at 1:00 PM Ark City Family Aquatics Center
Written questions due	09/21/2026 4:00 PM
Final addendum issued by	09/22/2026
Proposals due	09/24/2026 at 3 PM
Review period	09/24/2026
Board approval	09/28/2026
Notice of award	09/29/2026
Installation start	9/29/2026 -10/15/2026
Target completion	10/31/2026

1 Submission instructions

Submit one signed electronic PDF of the complete proposal. Label “RFP [2026-002] – ACHS Pool Heater Replacement.” Email the PDF to braden.smith@usd470.com. Copy must arrive by the stated deadline. Late proposals will not be accepted.

Submit all questions in writing to the district contact. No verbal interpretation is binding. Only written district addenda modify this RFP; acknowledge all addenda. Pricing must remain firm for 60 calendar days after the deadline and, upon award, for the contracted scope. The District may adjust solicitation dates by written notice.

2 Equipment and field verification

Existing conditions and design basis

The existing heater has been reported to have a leaking heat exchanger. The replacement must serve the indoor pool and fit available equipment-room and service clearances. Removal and installation may require temporary disassembly and restoration of 6-inch pool piping. The site visit is optional but strongly encouraged. Assess access, dimensions, utilities, and connections; submit unresolved questions before the question deadline.

The basis of design is a Lochinvar Copper-Fin II commercial pool heater, or district-approved equivalent. The brand reference establishes the intended commercial application; it does not establish an exact model or heating capacity. Provide equipment specifically suitable for chlorinated pool water and the proposed installation.

Equipment requirements and substitutions

Supply new, unused equipment with manufacturer-supported parts and service. Submit the exact heater and pump make/model, rated input and output, published thermal efficiency, fuel requirements, electrical load, dimensions, water flow limits, pressure drop, and manufacturer installation instructions.

Include a new heater circulation pump and bypass assembly selected for the heater and existing pool system. Provide required valves, unions, supports, gauges, temperature control, and manufacturer-required safety devices and flow interlocks. Existing main pool filtration pumps are outside the replacement scope unless specifically identified by addendum.

Request approval of equivalent equipment by the written-question deadline. Provide product data and a comparison of capacity, efficiency, materials, clearances, utility needs, venting, warranty, and service support. Approval must be issued by addendum. The price must include all modifications needed for the proposed equipment.

District equipment schedule

USD 470 will complete the following schedule before issuance or by written addendum before proposals are due. Any change affecting equipment selection or price will be provided to all bidders with adequate response time. Do not size the replacement solely from a brand-family reference.

Required design information	Verified project requirement
Existing heater make and model	Pentair Water - PM1000NACC2PJN
Fuel and available gas service	Natural Gas - 2" NPT
Required heating capacity	999,000 Btu Input - 849,000 Btu Output
Pool volume and operating temperature	196,171 Gallons - 82-88 Degrees F
Heating recovery requirement	NA
Heater circuit flow and pump duty	Taco HPL-50L-B
Electrical service	120v - 60hz - 12 amps
Venting and combustion air	8" Naturally Aspirated - Double wall
Existing controls and interlocks	Internal Return Controller

3 Required installation and acceptance

Removal and installation

Perform work in accordance with applicable codes, permit requirements, and manufacturer instructions. Include all labor, supervision, equipment, freight, rigging, materials, permits, inspections, and disposal for the following work:

- Coordinate shutdown with district staff and the pool operator. Isolate and lock out electrical, gas, and water services; drain only as needed and protect the facility against flooding.
- Disconnect, remove, and legally dispose of the existing heater and heater pump/bypass components being replaced. Include temporary disassembly and complete restoration of the 6-inch pool piping needed for equipment access, including new seals and supports as required.
- Install the new heater, heater pump, and bypass assembly. Modify and reconnect water inlet/outlet piping and gas piping; provide needed isolation, service connections, supports, and protection.
- Provide compliant flue and combustion-air connections. Verify that any existing sections proposed for reuse are suitable for the new appliance and in acceptable condition. Include necessary venting changes and condensate management if the selected equipment requires them.
- Complete electrical connections, grounding, heater controls, and interlocks required for safe operation. Restore existing operating functions. Identify any separate optional building automation enhancement; required heater controls and safety interlocks must remain in the base price.
- Protect adjacent equipment and occupied spaces, repair damage caused by the work, remove debris, and leave the room clean and accessible for maintenance.

Shutdown and school operations

Plan for no more than seven consecutive calendar days of pool downtime as the district's preferred maximum. State the proposed outage duration and explain any exception. Order and verify receipt of essential equipment before disabling the existing system. Obtain district approval of work hours, access routes, storage, utility shutdowns, and the outage schedule before mobilization.

Vendors shall comply with federal, state, and local laws; OSHA regulations; Kansas procurement statutes; Drug-Free Workplace requirements; and criminal-background requirements for onsite personnel. Follow district visitor, identification, and screening procedures. Secure tools and work areas, keep exits clear, prevent student/public access, and coordinate hot work or alarm interruptions.

Startup and completion

Provide manufacturer-authorized or manufacturer-qualified startup. Document water flow, heater inlet/outlet temperatures, operating gas pressure, combustion readings as applicable, and control settings. Test gas and water connections for leaks; verify venting, pump/bypass operation, temperature control, and all required shutdown interlocks. Demonstrate stable heating operation to district staff.

Before final acceptance, complete required inspections and corrections; provide startup and test reports, operating manuals, warranties, model/serial numbers, and an equipment maintenance schedule. Train district maintenance staff on operation, shutdown, water-chemistry limits, and routine service. The district will confirm completion in writing after deficiencies are corrected.

4 Proposal requirements and contract terms

Proposal contents

Return the signed forms in Sections 5 and 6. Attach a company profile, years in business, experience with K–12 mechanical installations, at least three school references, equipment specifications, an installation layout, detailed pricing, schedule, warranty documentation, proof of insurance, and applicable licenses and safety certifications. Provide a scope narrative addressing equipment selection, installation, safety, durability, and maintenance. Identify the supervisor, subcontractors, local service provider, equipment lead time, and pool downtime.

Pricing and scope responsibility

Provide one fixed base price for the complete scope. Include permits, fees, required inspections, and all required connections and controls. Itemized amounts must total the base price. Identify every exclusion, assumption, and deviation; silence indicates acceptance of the specified scope. An exclusion of required work may make a proposal nonresponsive.

Arkansas City Public Schools USD 470 is exempt from Kansas sales tax. Tax-exempt documentation will be provided upon request and before eligible purchases. State tax treatment separately and include any nonexempt taxes in the base price. Identify any requested escalation or tariff exception; no automatic adjustment is accepted.

Hazardous-material testing and abatement are excluded unless added by written addendum. If suspect materials are encountered, stop affected work, secure the area, and notify the district. Concealed conditions or work outside the contract require written authorization of scope, price, and time before proceeding. Do not perform unapproved extra work.

Insurance

Successful vendors shall provide general liability insurance of \$1,000,000 per occurrence, statutory workers' compensation, automobile liability of \$1,000,000, and umbrella liability of \$1,000,000. Arkansas City Public Schools USD 470 shall be named as additional insured.

Warranty and service

Provide at least one year of installation workmanship and labor coverage beginning at district acceptance, in addition to the manufacturer's equipment warranty. State heater, heat-exchanger, pump, parts, and labor coverage separately, including exclusions, travel charges, and water-chemistry conditions. Identify the service contact and normal/emergency response times. Correct defects in covered work without additional charge to the district.

Evaluation and award

Proposals will be evaluated using the weighted criteria below. Administration will review proposals and make a recommendation to the Board of Education. The Board reserves the right to award the proposal deemed to be in the District's best interest, subject to applicable law and available funding. An award is subject to final contract execution. Any accepted alternate will be applied consistently in comparing proposals.

Evaluation criterion	Weight
Cost	35%
Equipment suitability and installation plan	25%
Durability and warranty	15%
School experience and references	15%
Installation timeline	10%

USD 470 reserves the right to reject any or all proposals, waive informalities, request additional information, negotiate terms, or cancel the RFP process, subject to applicable law. The District is not responsible for proposal-preparation costs. No work or purchasing is authorized until a written contract or purchase order is

issued. Contractor quotation terms do not supersede the executed district agreement. Payment terms: Payment to be completed within 30 days of installation.

5 Pricing form

Company legal name: _____

Contact name and title: _____

Address: _____

Phone and email: _____

Provide an amount for each line. Enter zero if a line has no separate cost, and identify where its cost is included. Do not double count. All required work must be included in the total.

Base scope component	Amount
New heater and freight	\$ _____
New heater pump and bypass assembly	\$ _____
Removal, disposal, access, and 6-inch piping restoration	\$ _____
Water and gas piping and connections	\$ _____
Flue, combustion air, and applicable condensate work	\$ _____
Electrical work, controls, and required interlocks	\$ _____
Permits, inspections, and required bond costs	\$ _____
Startup, testing, training, and closeout	\$ _____
Other required work and nonexempt taxes Describe: _____	\$ _____
TOTAL FIXED BASE PRICE	\$ _____

Total base price in words: _____

Included nonexempt tax amount: \$ _____

Included payment/performance bond amount, if required: \$ _____

Optional additions

Attach separately priced optional improvements or extended warranties. Do not include optional amounts in the base price. No optional item may replace work required for a complete, functioning installation.

6 Equipment schedule and proposer certification

Proposed equipment and schedule	Bidder response
Heater manufacturer and exact model	_____
Fuel and rated input / net output in BTU/h	_____
Published thermal efficiency	_____
Pump model and design flow / head	_____
Electrical voltage / phase / load	_____
Equipment lead time after award	_____ calendar days
Onsite installation duration	_____ calendar days
Total pool outage	_____ consecutive calendar days
Earliest completion date	_____
Warranty service provider and phone	_____
Normal / emergency response time	_____

Exceptions and attachments

List all deviations, exclusions, and assumptions, or write “None.” Attach additional pages if needed. Identify any proposed use of existing venting, piping, wiring, or controls and the verification supporting reuse.

Attach: company profile and years in business; K–12 mechanical experience; three school references; equipment data and installation layout; scope narrative; schedule and outage plan; warranties; licenses, safety certifications and insurance; subcontractor list; and alternate justification, if offered.

Acknowledgment and signature

Optional site visit attended on (or N/A): _____

Addenda received and acknowledged by number/date: _____

The undersigned is authorized to submit this proposal and certifies that the proposal includes the complete specified scope except for expressly identified exceptions. The proposer has reviewed the solicitation and available site information, acknowledges the 60-day price validity period, and will perform the accepted work for the stated price and schedule, subject to the executed district agreement.

Authorized signature: _____

Printed name and title: _____

Date: _____