



SEDGWICK COUNTY, KANSAS

DIVISION OF FINANCE

Purchasing Department

525 N. Main, Room 823 : Wichita, KS 67203 : Telephone (316) 660-7255 : Fax (316) 383-7055

**Request for Bid
#08-0334
Water Heater for Adult Detention Facility**

December 9, 2008

Sedgwick County, Kansas (hereinafter referred to as County) will accept bids for one (1) replacement PVI Water Heater for use in the Sedgwick County Adult Detention Facility. It is anticipated that an official contract and/or purchase order will be issued after Board of County Commission approval. It should be noted, however, that the County cannot guarantee the purchase of products/services described herein.

Carefully review this Request for Bid. It provides specific information necessary to aid participating firms in formulating a thorough response. Should you elect to participate, complete one (1) original and one (1) signed copy of the entire document and return to Sedgwick County Purchasing Department, 525 N. Main, Suite 823, Wichita, KS 67203, **no later than 1:45 P.M. (CST), Tuesday, December 16, 2008**. Bids must be sealed in an envelope and marked with firm name and address, bid number and bid open date. The County will not accept late or incomplete bids.

The County will not accept bids with insufficient postage or collect on delivery. Late or incomplete responses will not be accepted and will not receive consideration for final award.

Please address any questions or requests for clarification to Joe Thomas, Senior Purchasing Agent, at 316-660-7265 or e-mail jethomas@sedgwick.gov.

Joe Thomas
Senior Purchasing Agent

SPECIFICATION FOR DOMESTIC WATER HEATER

Power-Combustion, Low NOx Natural Gas-Diesel Fired Water Heaters with Nickel-Plated Storage Tanks

In order to be a direct replacement, equipment being bid must be configured same as existing PVI domestic water heater:

TURBOPOWER® Gas/Oil Fired Water Heater: WH-1

PVI WATER HEATER 1500 N 1250 A-TPGO 1 each
MODEL:

ENERGY Natural Gas / No. 2 Oil

SOURCE:

BURNER TYPE: Fan Assisted Combustion

TANK LINING: NICKELSHIELD®

STORAGE 1250 Gallons

CAPACITY:

RECOVERY IN GPH @ 1500

80°F:

RECOVERY IN GPH @ 1200

100°F:

ENERGY INPUT IN 1200

MBTu/H:

WEIGHT (EACH): 5370#

Complete With Standard Equipment To Include The Following:

AGA-Rated Temperature & Pressure Relief Valves	20-Year Tank Warranty
150psi Working Pressure	One Year Cost Free Service Policy
Step Down Transformer	Long Life Service Policy
Rear Access	Full Freight Allowed – FOB, Ft. Worth, TX
Temperature & Pressure Gauges	
Air In-Take Assembly	
Alternate Motor Voltage (460/3)	
Additional Handhole Cleanout	
CSD-1 (Manual Reset Temperature Limiting Device & Manual Reset Electronic Low Water Cutoff)	

Gas and Electrical Consumption

The water heater will operate at a minimum of 83% thermal efficiency when tested to ANSI Z21 .10.3. The water heater will comply with paragraph 7.2.4.4, the thermal efficiency, the standby loss, and all other requirements of ASHRAE 90.1-1999.

Pressure Vessel and Heating Surfaces

The water heater will be constructed and stamped in accordance with Section IV, Part HLW of the ASME code.

The storage section of the water heater will be National Board Registered for a working pressure of 125 psi and will be pressure tested at 1-1/2 times working pressure. The heating section of the water heater will be National Board Registered for a working pressure of 150 psi and will be pressure tested at 1-1/2 times working pressure.

The heat exchanger will be a firetube design with the combustion chamber and all heating surfaces completely water-backed. The fireside of the combustion chamber will be of boiler-grade steel. The waterside of the combustion chamber will be non-ferrous. The fire tubes will be solid copper with the waterside of the tubes treated to resist deposits (similar to Teflon). The heating surfaces will be removable by unbolting from the pressure vessel, allowing 100% access to waterside surfaces. The tank will be accessible in the field through a manway sized opening, allowing access to 100% of interior surfaces. All tank connection fittings will be nonferrous and removable from the tank.

Tank Lining

The tank will be plated with electrolytic nickel (EN). Plating will occur after the pressure vessel is completely fabricated and all welding is completed. The EN plating will be a high-phosphorus (10%) and nonporous composition suitable for submersion service (ASTM B733 standard may be used as a guideline).

The lined tank will not require sacrificial anode rods and none will be used.

Burner and Venting

Combustion will be provided by a forced-draft power burner with a gas and diesel #2 fuel train.

Burner and heating section will be certified to operate with NOx emissions not to exceed 30 ppm corrected to 3% O₂ when operating on natural gas. Water heater will be a category I, non-condensing appliance, It will be UL listed for use with non-pressurized, type B venting material.

- a. Main burner supply line shall be equipped with a safety shutoff valve that shall comply with the applicable provisions of American National Standard for Automatic Valves for Gas Appliances, ANSI Z212.21 or UL 429, Standard for Electrically Operated Valves.
- b. The burner supply line shall be equipped as indicated below:
 - The main burner supply shall be equipped with two safety shutoff valves in series that may be in a single valve body or one valve with a valve seal overtravel (proof of closure) interlock function. If the two safety shutoff valves are in a single valve body, the two safety valve ports shall be in series leading to the valve outlet and shall have independently operated valve shafts.

Safety Controls

As a minimum, the heater will be equipped with the following:

- electronic flame monitoring with electronic flame safeguard with pro-purge and flame status indicating lights
- *immersion* operating thermostat(s) (adjustable)
- an *immersion* temperature limiting device (adjustable down to 130-degrees)
- an ASME- or AGA-rated temperature and pressure relief valve
- and options as selected on form PV 6452 (Please provide form)

Warranty Summary

Boiler will be placed in storage until an existing unit fails. This may be several years. The following warranty period(s) will begin on the date the unit is installed and started.

Storage tank: Warranty years (10 standard, 20 optional) cover manufacturing or material defects, leaks and / or the production of rusty water. Tank coverage will include failure due to scale buildup for the entire warranty period with no provision or condition for maintenance or inspections and no limitations on water chemistry.

Heat exchanger and combustion chamber: 5 years covers manufacturing or material defects, leaks, and/or the production of rusty water.

Burner and all heater parts: 1 year

The heater will have a first year or long-life service policy, which will cover replacement labor and freight costs under certain conditions. Initiation and / or continuation of warranty coverage will not be dependent upon

annual inspections, regular replacement of anode rods, or water chemistry. Complete copies of all warranties and service policies, including all exclusions and conditions, will be presented to the owner as part of the submittal package. *These summaries are not warranties. Consult warranty and policies for full details.*

Finishing

The storage and heating sections will be completely factory packaged, requiring only job site hookup to utilities, venting, and plumbing. The heater will be insulated, jacketed with enameled steel panels, and mounted on heavy-duty channel skids. The heater will fit properly in the space provided and installation will conform to all local, state, and national codes.

Start Up

Start up on the unit will be performed by factory trained and authorized personnel. A copy of the start up report will be provided to the owner.

Quality Certification and Safety Standards

The heater will be UL classified to standard ANSI Z21.10.3, and ANSI Z212.21 or UL 429. The water heaters will be manufactured by a company that has achieved certification to the ISO 9001 International Quality System.

REQUEST FOR BID CONDITIONS

In submitting a response to this Request for Bid, vendors hereby understand the following:

1. Pricing offered in the bid document will be provided to other local governments and governments whom Sedgwick County regularly enters into cooperative agreements.
2. Sedgwick County reserves the right to reject any and/or all bids and responses to these and/or related documents, to accept any item(s) in the bids, to waive any irregularity in the bids, and further if determined to be non-responsive in any form, or if determined to be in the best interest of Sedgwick County.
3. Alternate bids (two or more bids submitted) will be considered for an award. Sedgwick County reserves the right to make the final determination of actual equivalency or suitability of such bids with respect to requirements outlined herein. The bids submitted, and any further information acquired through interviews, will become and is to be considered a part of the final completed contract. If there is any variance or conflict, the bid specifications will control.
4. Bidders MUST return, completed copies of the entire document to the Sedgwick County Purchasing Department, 525 North Main, Suite 823, Wichita, KS 67203, on or before the date and time specified. Bids must be sealed in an envelope and marked with the firm name and address, bid number, bid opening date, and bid opening time. The time clock stamp, located in the Sedgwick County Purchasing Department will determine the time of receipt.
5. Bids submitted may not be withdrawn for a period of 60 days immediately following the opening of this Request for Bid. Prices MUST be free of federal, state, and local taxes unless otherwise imposed by a governmental body, and applicable to the material on the bid.
6. Sedgwick County interprets the term "Lowest Responsible and Best Bidder" as requiring Sedgwick County to: (a) choose between the kinds of materials, goods, wares, or services subject to the bid, and (b) determine which bid is most suitable for its intended use or purpose. Sedgwick County can consider, among other factors, such things as the availability of service(s), part(s) material(s) and/or supply(s), warranty, maintenance, freight costs, performance of product and labor cost of items upon which bids are received.
7. All requested information must be supplied. If bidders cannot respond to any part of this request, bidders should state the reason they cannot respond and note an exception. Bidders may provide supplemental information to assist Sedgwick County in analyzing its bid.
8. If the bidder refuses or fails to make deliveries of the materials within the times specified on the face of the Request for Bid or purchase order, Sedgwick County may, by written notice, terminate the contract or purchase order.
9. The bidder will warrant that goods, personal property, chattels, and equipment sold and delivered are free and clear of any and all liens, or claims of liens, for materials or services arising under, and by virtue of the provisions of K.S.A. Sections 58-201, et seq., and any other lien, right, or claim of any nature or kind whatsoever.
10. The successful bidder will hold and save Sedgwick County, and its officers, agents, servants/employees harmless from liability of any patented, or unpatented invention, process, article, or appliance manufactured, or used in the performance of the contract, including its use by Sedgwick County. Vendors working on county property or on behalf of County will be required to carry minimum insurance listed in bid document.
11. All items furnished, if applicable, must be the best of their respective kinds, and will be free from defects in material and workmanship. Items will be subject to County inspection and approval at any time within 30 days after delivery. If a substitution is made, it will be the decision of a Sedgwick County representative to determine if it is of equal quality. Items furnished must be manufactured in compliance with all existing legal or governmental directives.
12. Unless specified otherwise, all items bid are to be as a minimum but not necessarily limited to: new, current model year, and untitled prior to shipping and/or installation.
13. Sedgwick County is desirous of allowing as many vendors as possible the opportunity to participate including minority men and women-owned businesses, and small businesses in the roles of providing goods and services to Sedgwick County. If your company does not fall into any of these categories, your efforts to contract with vendors who do fall into these categories are appreciated. Construction projects utilizing subcontractors requires a subcontracting worksheet. Contact purchasing department for details.
14. Contracts entered into on the basis of submitted bids are revocable if contrary to law.

15. County reserves the right to enter into agreements subject to the provisions of the Cash Basis Law (K.S.A. 10-1112 and 10-1113), the Budget Law (K.S.A. 79-2935). Agreements shall be construed and interpreted so as to ensure that the County shall at all times stay in conformity with such laws, and as a condition of agreements the County reserves the right to unilaterally sever, modify, or terminate agreements at any time if, in the opinion of its legal counsel, the Agreement may be deemed to violate the terms of such law.
16. The Bidder agrees to comply with K.S.A. 44-1030.
 - a. The contractor shall observe the provisions of the Kansas act against discrimination and shall not discriminate against any person in the performance of work under the present contract because of race, religion, color, sex, disability, national origin or ancestry;
 - b. In all solicitations or advertisements for employees, the contractor shall include the phrase, "equal opportunity employer," or a similar phrase to be approved by the commission;
 - c. If the contractor fails to comply with the manner in which the contractor reports to the commission in accordance with the provisions of K.S.A. 44-1031 and amendments thereto, the contractor shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the contracting agency;
 - d. If the contractor is found guilty of a violation of the Kansas act against discrimination under a decision or order of the commission which has become final, the contractor shall be deemed to have breached the present contract and it may be canceled, terminated or suspended, in whole or in part, by the contracting agency; and
 - e. The contractor shall include the provisions of subsections (a) through (d) in every subcontract or purchase order so that such provisions will be binding upon such subcontractor or vendor.
17. All project participants, consultants, engineers, contractors and subcontractors, must comply with all applicable Federal, State and County laws pertaining to contracts entered into by governmental agencies. All participants must comply with the Americans with Disabilities Accessibility Guidelines (ADAAG).
18. Contractors/subcontractors performing new construction, maintenance, alterations, or additions to Sedgwick County buildings or facilities must comply with building guidelines/codes, and the Americans with Disabilities Accessibility Guidelines (ADAAG). Any violation of the provisions of the ADA or 504, or specification deficiencies, should be reported to the county's ADA coordinator. Failure to notify the county's ADA coordinator for remedy may be considered a breach of contract and may be grounds for cancellation, termination for suspension, in whole or in any part of the contract. All construction plans will have the county's ADA coordinator approval prior to beginning any work.
19. Contractors/vendors providing services to the public on behalf of Sedgwick County will agree that all personnel in their employment that have direct contact with the public will attend ADA Awareness and Sensitivity training provided by Sedgwick County or the Independent Living Resource Center. Training should be coordinated through the county's ADA coordinator, (316) 660-7052 and evidence of training shall be provided to the county's ADA coordinator. Any violations of the provisions of ADA or section 504, will be deemed a breach of contract and be subject to termination of contract.
20. The bidder responding to this bid solicitation proposes to furnish all materials, labor, supplies, equipment and incidentals necessary to provide the equipment/materials/services described herein in accordance with the Notification of Solicitation (if applicable), Request for Information (if applicable), Request for Bid, Addenda, Contract, Bonds, Insurance, Plans, Specifications, any Instructions, Mandatory Requirements and Conditions.
21. Unless specified elsewhere in the document, all prices quoted must be F.O.B. County destination and will include all delivery, handling, and any other charges related to delivery including surcharges.
22. It will be understood that the bidder's sureties and insurers, as applicable, are subject to the approval of the County.
23. Upon award, the bidder agrees to execute and deliver to the County a contract in accordance with the contract documents (if applicable) within ten days of notice of the award to the bidder. The bidder agrees that the surety/deposit given concurrently herewith will become the property of the County in the event the bidder fails to execute and deliver such contract within the specified time. In the further event of such failure, the bidder will be liable for the County's actual damages that exceed the amount of the surety.
24. It will be understood that time is of the essence in the bidder's performance. The bidder agrees that the County's damages would be difficult or impossible to predict in the event of a default in the performance hereof; and it is therefore agreed that if the bidder defaults in the performance of the contract documents, the bidder will be liable for payment of the sums stipulated in the contract documents as liquidated damages, and not as a penalty.
25. The bidder hereby certifies that he or she has carefully examined all of the documents for the project, has carefully and thoroughly reviewed this Request for Bid, has inspected the location of the project (if applicable), and understands the

nature and scope of the work to be done; and that this bid is based upon the terms, specifications, requirements, and conditions of the Request for Bid documents. The bidder further agrees that the performance time specified is a reasonable time, having carefully considered the nature and scope of the project as aforesaid.

26. It will be understood that any bid and any and/or all referencing information submitted in response to this Request for Bid will become the property of Sedgwick County, and will not be returned. As a governmental entity, Sedgwick County is subject to making records available for disclosure after Board of County Commission approval of the recommendation.
27. Sedgwick County will not be responsible for any expenses incurred by any vendor in the development of a response to this Request for Bid including any onsite (or otherwise) interviews and/or presentations, and/or supplemental information provided, submitted, or given to Sedgwick County and/or its representatives. Further, Sedgwick County will reserve the right to cancel the work described herein prior to issuance and acceptance of any contractual agreement/purchase order by the recommended vendor even if the Board of County Commissioners has formally accepted a recommendation.
28. By submission of a response, the bidder agrees that at the time of submittal, he or she: (1) has no interest (including financial benefit, commission, finder's fee, or any other remuneration) and will not acquire any interest, either direct or indirect, that would conflict in any manner or degree with the performance of bidder's services, or (2) benefit from an award resulting in a "Conflict of Interest". A "Conflict of Interest" will include holding or retaining membership, or employment, on a board, elected office, department, division or bureau, or committee sanctioned by and/or governed by the Sedgwick County Board of County Commissioners. Bidders will identify any interests, and the individuals involved, on separate paper with the response and will understand that the County, at the discretion of the Purchasing Director in consultation with the County Counselor, may reject their bid/quotation. The bidder certifies that this bid is submitted without collusion, fraud or misrepresentation as to other bidders, so that all bids for the project will result from free, open and competitive bidding among all vendors.
29. Sedgwick County will issue a purchase order/contract for the acquisition of products/services specified as a result of an award made in reference to this document. Contract documents will be subject to any regulations governed by the laws of the State of Kansas and any local resolutions specifically applicable to the purchase.
30. Any dispute arising out of the contract documents or their interpretation will be litigated only within the courts of the State of Kansas. No prepayment of any kind will be made prior to shipment. Payment will be made upon verification of delivery, compliance with specifications, assurance that the product/service performs as specified and warranted, and receipt of correct invoicing.
31. Sedgwick County will accept responses transmitted via a facsimile unless stated to the contrary within this document. Bids must be received prior to the time and dates listed to be considered responsive. Sedgwick County will not accept late responses and will return them to the sender. Further, Sedgwick County will NOT: (1) guarantee security of the document received; (2) be held responsible for Bids which are NOT legible (and may choose to reject such responses); and, (3) guarantee that the receiving facsimile machine will accept transmission or that phone lines are functioning and available for transmission. Submitting a bid response via facsimile does NOT relieve the bidder of: (1) responsibilities stated in the document (such as attendance at a mandatory pre-bid conference); (2) providing non-paper informational items which must be returned with the response (diskettes, large drawings, photographs, models, etc.); and, (3) providing original copies of bid sureties (bonds, certificates of insurance, etc.).

COST, WARRANTY AND DELIVERY INFORMATION:

1 each	PVI Water Heater, per the attached specifications	\$ _____
	Delivery Charges to 141 W. Elm, Wichita, KS. 67203	\$ _____
	Grand Total	\$ _____

Warranty _____

Delivery Date _____

Bid Response Form
#08-0334
Water Heater for Adult Detention Facility

All firms interested in bidding must complete and return one (1) original and one (1) copy of the entire document to the Sedgwick County Purchasing Department at 525 N. Main, Suite 823, Wichita, KS 67203 on or before 1:45 p.m. CST, Tuesday, December 16, 2008.

The undersigned, on behalf of the bidder, certifies that: (1) this offer is made without previous understanding, agreement or connection with any person, firm, or corporation submitting a bid on the same project; (2) is in all respects fair and without collusion or fraud; (3) the person whose signature appears below is legally empowered to bind the firm in whose name the proposal is entered; (4) the person has read the complete Request for Bid and understands all provisions; (5) if accepted by the County, this bid is guaranteed as written and amended and will be implemented as stated and upon signing of a contract; and (6) mistakes in writing of the submitted bid will be the responsibility of the bidder.

FIRM NAME _____
CONTACT _____
SIGNATURE _____ TITLE _____
PRINT NAME _____
ADDRESS _____ CITY/STATE _____ ZIP _____
PHONE _____ FAX _____ HOURS _____
TAX PAYER I.D. NUMBER _____
COMPANY WEB SITE ADDRESS _____ E-MAIL _____
NUMBER OF LOCATIONS _____ NUMBER OF PERSONS EMPLOYED _____
TYPE OF ORGANIZATION: Public Corporation _____ Private Corporation _____
Sole Proprietorship ___ Partnership ___ Minority Business ___ Woman-Owned Business ___ Small Business ___
GENERAL NATURE OF BUSINESS _____
Manufacturer ___ Distributor ___ Retail ___ Dealer ___ Service ___

ACKNOWLEDGE RECEIPT OF ADDENDA: All addendum(s) are posted to our RFQ/RFP web page and it is the vendor's responsibility to check and confirm all addendum(s) related to this document by going to www.sedgwickcounty.org/purchasing.

NO. _____, DATED _____; NO. _____, DATED _____; NO. _____, DATED _____
 Yes, I would like to be on the emergency vendor list. **No, I would not like to be on the emergency vendor list.**
After Hours Phone #: _____ **Emergency Contact Name:** _____
After Hours Fax #: _____

Does your company accept credit payments? Yes No

Signature _____ Title _____
Date _____