

**Instructions**

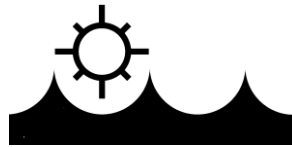
**&**

**Specifications**

**For**

**Water Treatment Plant  
Chemical Bid**

Bid Number 2025-001



**Hardin County Water District No. 2  
Elizabethtown, Kentucky**

February 12, 2025

John D Cruse, Plant Manager  
270-862-3213, [jcruse@hewd2.org](mailto:jcruse@hewd2.org)

# **I. Information to Bidders**

## **1. ACCEPTANCE OF BIDS**

Hardin County Water District No. 2 (the District) reserves the right to accept the bid or proposal deemed lowest and best evaluated as determined by the Hardin County Water District No. 2's Board of Commissioners. The District reserves the right to waive any informalities or minor defects in a bid or to reject any or all bids.

## **2. SUBMITTING BIDS**

- A. The bid must be received by the District at 1951 W. Park Road P.O. Box 970, Elizabethtown, Kentucky on February 12, 2025 by 10:00 a.m. Eastern time. Any bid or proposal received after the specified time shall be disqualified.
- B. Each bid must be in a sealed envelope and have typed on the envelope, **SEALED BIDS – CHEMICALS**, with the opening date and time. The District assumes no responsibility for the premature opening of or failure to open bids not properly addressed or identified.
- C. An authorized representative may withdraw their bid at any time up to the opening time of the bid or proposal, but no bid may be withdrawn once the opening process has started.
- D. The District will not be responsible for errors or omissions on the part of bidders in making up their bids or proposals. All bids must be signed by an authorized representative and any bid received unsigned will be rejected.
- E. All bids must be submitted in accordance with the specifications listed. The bidder must note any exceptions to the specifications listed on the Bid Form; otherwise it is assumed that the bid complies, in all respects, with the listed specifications.
- F. Bids must be completed in ink or type written. Failure to do so will result in the rejection of the bid or proposal.
- G. Because this packet contains the terms, conditions, and specifications for the bid or proposal, the entire packet must be returned. An authorized agent must initial at the bottom of each page acknowledging that they have read the entire page.

- H. Bidders are invited to attend the public bid opening, and to review the complete bid files after the bids have been opened. A bid tabulation showing all vendors' prices will be made available upon request.
- I. If a bidder is not bidding on a particular item or items, that fact must be clearly stated by placing "NO BID" on the bid form under the price column next to the item(s) not bid.
- J. Do not add or include Kentucky sales and/or use tax. The District will furnish the necessary exemption certificate, upon request.
- K. The District shall make payment within forty-five-days after receiving an invoice for delivered materials.
- L. It is the District's intention to award the bid on a per item basis. The District reserves the right, however, to lump items together if determined to be more beneficial to the District.

**3. ADDENDA TO SPECIFICATIONS**

The District reserves the right to issue addenda for the purpose of modifying the documents referred herein at any time prior to the day and time set for the opening.

**4. QUALIFICATIONS OF BIDDERS**

The bidder may be required, before the award of the contract, to demonstrate to the complete satisfaction of the District that it has the necessary resources, facilities, and ability to timely provide the chemicals specified. The bidder may also be required to furnish a past history and references in order to satisfy the District in regard to the bidder's qualifications. Should the bidder be deemed unsatisfactory, the District reserves the right to reject the bid.

**5. TERM OF CONTRACT**

The term of the contract shall be for a period of one (1) year, from March 1, 2025 to February 28, 2026, unless terminated, canceled or extended by mutual agreement.

**6. TERMINATION OF CONTRACT**

The contract may be terminated in whole or in part at any time by the District, with or without cause, by giving at least a thirty-day advance written notice to the vendor.

## II. Specifications and Special Instructions

### 1. OTHER INSTRUCTIONS

- A. Chemicals bid must be NSF approved and approved by the Kentucky Division of Water.
- B. A copy of the certification form, product specification sheet, and Material Safety Data Sheet for each chemical bid must accompany the bid packet.**
- C. Product labels must be made available from winning bidders upon request for each chemical for identification on bulk storage and day tanks.
- D. A certificate of Quality Assurance and specifications must accompany each shipment.
- E. Price must include freight to destination point for each chemical along with any additional charges such as environmental charge, security surcharge, etc. with the exception of any fuel surcharge. Any fuel surcharge must be listed in the space provided on the Chemical Bid Form per delivery. Do not include container deposits. Empty returnable containers will be made available for pick up by the supplier.**
- F. Prices must be firm for the term of the contract.
- G. Destination point for shipments may be either of the following locations: White Mills Treatment Plant, 1300 Cave Rd., Glendale, KY 42740; City Springs Treatment Plant, 401 Water Works Dr., Elizabethtown, KY 42701.
- H. Price for chemicals bid must be entered onto the Chemical Bid Form within this packet.
- I. Estimated quantities for each chemical listed are for a period of twelve (12) months and are estimated volumes only. As such, no quantities are guaranteed.
- J. Loading dock and pallet jack are available for deliveries unless otherwise noted.
- K. Please note the required delivery time for each chemical on the Chemical Bid Form. Unless otherwise noted, delivery time for each chemical must not exceed ten business days from date of order. If the vendor does not make delivery within the ten days from date of order, the District reserves the right to cancel the order and purchase the item from another source.

### 2. CHEMICAL SPECIFICATIONS

- A. **POTASSIUM PERMANGANATE** Shall be Cairox brand. The District will not accept any substitute for the Cairox brand. 330 pound drums and 55 pound buckets. Estimated usage – approximately 1,200 lbs. Submit bid on price per pound. Deliveries accepted 24 hours a day, 7 days a week at both locations.

- B. **HYDROFLUOSILICIC ACID 23%** AWWA Specification B703-11. List percentage if different than 23%. Fluoride will be delivered in bulk at 2700 gallons minimum split between White Mills and City Springs facility. Estimated usage – approximately 78,000 pounds. Deliveries will only be accepted between 7:30 a.m. and 4:00 p.m. Eastern time, Monday – Friday. Submit bid on price per pound.
- C. **CHLORINE** AWWA Specification B301-10. 1- ton containers. Estimated usage – approximately 64 tons. Submit bid on price per pound. Deliveries will only be accepted between 7:30 a.m. and 4:00 p.m. Eastern time, Monday - Friday.
- D. **POWDERED ACTIVATED CARBON** AWWA Specification B600-10. For White Mills Product shall be a **coconut based** product and have a minimum iodine adsorption number of 1000 mg/g. White Mills facility will receive both bulk bags and 40-55 pound bags, **ten bulk bags per delivery & three full pallets of 40-55 pound bags per delivery**. Estimated usage – approximately 91,000 lbs. For the City Springs facility product shall be a **wood/coal blend based** product and have a minimum iodine adsorption number of 950 mg/g similar to Aquasorb CB1-MW. City Springs will receive bags in 40 – 55 pound bags, **one full pallet per delivery**. Estimated usage –15,300 lbs. Bags delivered shall be intact and free of rips and excess carbon dust. Submit bid on price per pound. Deliveries accepted 24 hours a day, 7 days a week, **lift gate required for City Springs facility**.
- E. **POLYALUMINUM CHLORIDE – DELPAC 2020, PAX XL-8, Brenfloc 2381, Hyperion 4064**, or equivalent. The District, by its own evaluation process, shall determine whether a substitute brand is equivalent to the brands specified. To be deemed equivalent, the substitute brand must prove to be as effective as the brands specified by an in plant jar test and by an in plant trial. The District’s determination shall be deemed final. AWWA Specification B408-10. %AL<sub>2</sub>O<sub>3</sub> – 10.5%, Basicity – 70% minimum. Bulk shipments – “truckload” or 4500 - 5000 gallons each shipment. Shipments may be split between White Mills facility and City Springs facility. Estimated usage – 744 tons. Submit bid on price per pound. Deliveries accepted 24 hours a day, 7 days a week.
- F. **LAS 40% (LIQUID AMMONIUM SULFATE)** LAS shall be a 40% concentration and delivered in bulk. Shipments will be full “truckload” or 4500 – 5000 gallons split between White Mills and City Springs facility. Estimated usage – 231,000 lbs. Deliveries accepted 24 hours a day, 7 days a week.
- G. **LIQUID SODIUM HYDROXIDE (CAUSTIC SODA)** 25% Commercial Grade. AWWA Specification B501-13. Bulk shipment to the White Mills – “truckload” or 4500 – 5000 gallons. Estimated usage – 762,000 lbs. Submit bid on price per pound. Deliveries will only be accepted between 7:30 a.m. and 4:00 p.m. Eastern time, Monday - Friday.

**HARDIN COUNTY WATER DISTRICT NO. 2**  
**WATER TREATMENT PLANT CHEMICAL BID**  
**2024 CHEMICAL BID FORM**  
**BIDS NOT SUBMITTED ON THIS FORM WILL BE REJECTED**

	CHEMICAL	BRAND NAME IF APPLICABLE	PRICE	DELIVERY TIME REQUIRED	CONTAINER DEPOSIT	SPECIAL NOTES
1	Potassium Permanganate – 330 lb drums	Cairox	/lb		N/A	
2	Potassium Permanganate – 55 lb buckets	Cairox	/lb		N/A	
3	Hydrofluosilicic Acid - Bulk		/lb		N/A	% _____
4	Chlorine		/lb		N/A	
5	Powdered Activated Carbon – Bulk bags / Coconut		/lb		N/A	
6	Powdered Activated Carbon 40-55 lb bags / Coconut		/lb		N/A	
7	Powdered Activated Carbon 40-55 lb bags / Wood/Coal		/lb		N/A	
8	Polyaluminum Chloride		/lb		N/A	
9	Sodium Hydroxide 25%		/lb		N/A	
10	Liquid Ammonium Sulfate (LAS) 40%		/lb		N/A	

**List fuel surcharge per delivery- *box truck* \_\_\_\_\_ *tanker truck* \_\_\_\_\_**

Company: \_\_\_\_\_ Signature of authorized agent: \_\_\_\_\_

Address: \_\_\_\_\_ E-mail: \_\_\_\_\_

Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

INT \_\_\_\_\_