



## BID APPLICATION FOR WATER AND WASTEWATER TREATMENT CHEMICALS

Hardin County Water District No. 1 will be accepting bids for chemicals to be used in drinking water and wastewater treatment. **Chemicals shall be quoted as a Delivered Product to the respective Water and Wastewater Treatment Plants listed below (FOB Destination).**

1. HCWD1, Pirtle Spring WTP, 1500 Shipley Road, Cecilia KY, 42724
2. HCWD1, Fort Knox Muldraugh WTP, 298 Railroad Trestle Rd, Fort Knox 40121
3. HCWD1, Radcliff WWTP, 350 New St. East, Radcliff, KY 40160
4. HCWD1, Fort Knox WWTP, Bldg. 7207 South Carolina Street, Ft. Knox 40121

Bid applications may be picked up at Hardin County Water District No. 1, 1400 Rogersville Road, Radcliff, KY 40160 during regular office hours from 8:00 AM to 4:30 PM or from the website at [www.HCWD.com](http://www.HCWD.com) under "Bid Information". For additional information contact Justin Metz, Operations Manager, at (270) 351-3222 Ext. 2151 or via email at [jmetz@hcwd.com](mailto:jmetz@hcwd.com).

Bids must be received by email or delivered by mail courier no later than 2:00 P.M. November 30, 2022 to Hardin County Water District No. 1, 1400 Rogersville Road, Radcliff, KY 40160. All email messages or mail envelopes must be clearly marked 2023 WATER/WASTEWATER TREATMENT CHEMICALS BID. Prices must be firm for a one (1) year period, 01/01/23 to 12/31/23.

The District reserves the right to accept the lowest and/or the best bid or to reject any and all bids submitted. The District invites any qualified Bidder to submit a bid and does not discriminate on the basis of race, creed, color sex or national origin. Minority or Women Owned companies/ suppliers are invited to submit a bid.

By signing below, I hereby acknowledge that I am an authorized representative and have the authority to submit this bid on behalf of the company listed below and do hereby acknowledge that this bid is binding for the calendar year of 2023. **(Your bid price is to be inclusive of all associated fees to deliver the product to the plant(s). That means delivery charges, fuel surcharges, energy surcharges, etc. are included in your bid price.)**

**SIGNATURE:** \_\_\_\_\_

**NAME OF BIDDER:** \_\_\_\_\_  
(Please Print)

**COMPANY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_

**CITY, STATE & ZIP:** \_\_\_\_\_

**CONTACT PERSON:** \_\_\_\_\_

**TELEPHONE NUMBER:** \_\_\_\_\_

**EMAIL ADDRESS:** \_\_\_\_\_



## CHEMICAL BID LIST 2023

| CHEMICAL  | *UNIT COST  |
|---|---|
| <p><b>Chlorine (gas)</b><br/> <b>Description:</b> Used for Disinfection:<br/> <i>AWWA Standard B301-10 or equivalent</i><br/> <b>Size:</b> One (1) Ton Cylinders<br/> <b>NO deposits on Chlorine cylinders</b><br/> <b>Lift crane <u>required</u> for all Chlorine deliveries</b></p> <p>Quantity depends on weather and raw water quality</p>  | <p>Per ton: _____</p>   |
| <p><b>Liquid Ammonia Sulfate 40%</b><br/> <b>Description:</b> Used for Disinfection:<br/> <i>AWWA Standard B302-05 or equivalent</i><br/> <b>Size:</b> Bulk Full Load AND totes</p>   | <p>Tote,<br/>Per pound: _____</p> <p>Bulk-Full Load,<br/>Per pound: _____</p> |
| <p><b>Potassium Permanganate</b><br/> Cairox Brand or approved equivalent - CAS No. 7722-64-7<br/> <i>AWWA Standard B603-10 or equivalent</i><br/> <b>Description:</b> Used for treatment of iron taste and odor<br/> <b>Size:</b> **55 lb. drums</p> <p>**Lift gate service to be included with the bid price</p>  | <p>Per drum: _____</p> <p>Per pound: _____</p>                                |
| <p><b>Ultrion 8158 Potable C WIC or equal</b><br/> <b>Description:</b> Used for Coagulation<br/> Must Meet NIST Standards for cationic polymer<br/> <b>Size:</b> Bulk-Full load<br/> <i>"Or equal: Vendor would be required to provide product for a reasonable trial period at zero cost to the District, and meet applicable standards as determined by District personnel."</i></p> <p>Quantity depends on weather and raw water quality</p> | <p>Per pound: _____</p>   |



| CHEMICAL   | *UNIT COST  |
|--|---|
| <p><b>Hydrofluosilicic Acid</b><br/> <i>AWWA Standard B703-11 or equivalent</i><br/> <b>Description:</b> Used for Fluoridation<br/> <b>Size:</b> Bulk-Full load AND Partial load</p> <p>Certificate of Purity/Origin is to be submitted with invoice or at time of product delivery.</p>   | <p><b>Bulk:</b></p> <p>Per pound: _____<br/> <b>@Percent</b><br/> <b>Purity:(__23__)%</b></p> <p>Per pound: _____<br/> <b>@Percent</b><br/> <b>Purity:(__24__)%</b></p> <p>Per pound: _____<br/> <b>@Percent</b><br/> <b>Purity:(__25__)%</b></p> <p><b>Partial Load:</b></p> <p>Per pound: _____<br/> <b>@Percent</b><br/> <b>Purity:(__23__)%</b></p> <p>Per pound: _____<br/> <b>@Percent</b><br/> <b>Purity:(__24__)%</b></p> <p>Per pound: _____<br/> <b>@Percent</b><br/> <b>Purity:(__25__)%</b></p> |
| <p><b>Carbon, Powder Activated</b><br/> <i>AWWA Standard B600-10 or equivalent</i><br/> <b>Description:</b> Used for Carbon Feed<br/> <b>Size:</b> 50 lb. bags or less (320 particle size) **<br/> OR Bulk<br/> Quantity depends on weather and raw water quality<br/> **Lift gate service to be included with the bid price</p> | <p><b>50 lb bag</b><br/> Per pound: _____</p> <p><b>Bulk load</b><br/> Per pound: _____</p>   |



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| <p><b>Carbon, Powder Activated</b><br/> <i>AWWA Standard B600-10 or equivalent</i><br/> <b>Description:</b> Used for Carbon Feed. Wood Based.<br/> 900 Iodine Number. Made in USA.<br/> <b>Size:</b> 50 lb. bags or less (320 particle size)<br/> OR Bulk Pneumatic Tanker<br/> Quantity depends on weather and raw water quality<br/> **Lift gate service to be included with the bid price</p> | <p><b>50 lb bag</b><br/> <b>Per pound:</b> _____</p> <p><b>Bulk Tanker</b><br/> <b>Per pound:</b> _____</p> |
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| <p><b>Standard Hydrated Lime</b><br/> <b>Description:</b> Used for Softening. Powder form<br/> Certified to NSF standard 60 or equivalent<br/> <b>Size:</b> Bulk-Full load<br/> Shall have an available calcium hydroxide content of<br/> &gt;93%. Quantity depends on production</p> | <p><b>Per pound:</b> _____</p> |
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| <p><b>Aluminum Sulfate</b><br/> AWWA standard B403-16, must meet NSF 60 with<br/> maximum dosage of 150 mg/l<br/> <b>Size:</b> Bulk – Full Load</p> | <p><b>Per Pound:</b><br/> _____</p> |
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| <p><b>Carbon Dioxide (gas)</b><br/> <b>Description:</b> Used for pH reduction in water treatment.<br/> Must meet NSF/ANSI/CAN 60 standard or equivalent with<br/> maximum doze of 100 mg/L<br/> <b>Size:</b></p> | <p><b>Per Pound:</b><br/> _____</p> |
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| <p><b>CLARIFLOC C-6266 or equal</b><br/> <b>Description:</b> Used for Sludge Processing<br/> <b>Size:</b> 55 gallon drums<br/> <i>"Or equal: Vendor would be required to provide product for a<br/> reasonable trial period at zero cost to the District, and meet<br/> applicable standards as determined by District personnel."</i></p> | <p><b>Per pound:</b><br/> _____</p> |
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| CHEMICAL  | *UNIT COST   |
|---|--|
| <p><b>CLARIFLOC CE 1821 or equal</b><br/> <b>Description:</b> Used for Sludge Processing<br/> <b>Size:</b> 55 gallon drums<br/> <i>"Or equal: Vendor would be required to provide product for a reasonable trial period at zero cost to the District, and meet applicable standards as determined by District personnel."</i></p> | <p><b>Per pound:</b><br/>           _____</p>  |
| <p><b>Ferric Sulfate – 12-15% (as Fe)</b><br/>           Coagulant for drinking water treatment<br/>           NSF / ANSI Standard 60 Certified<br/> <b>Size:</b> Bulk – Full Load</p>  | <p><b>Per pound:</b><br/>           _____</p>  |
| <p><b>Sodium Hypochlorite – 12.5% Solution</b><br/>           NSF 60 Certified up to 84 mg/l dosage<br/> <b>Description:</b> Used for disinfection in re-use water and drinking water<br/> <b>Size:</b> 300 gallon totes <b>AND Bulk Full Load/Lb.</b></p>  | <p><b>Tote, Per pound:</b> _____<br/> <b>Bulk tank full load, Per pound:</b> _____</p> |
| <p><b>Sodium Bisulfite</b><br/> <b>Description:</b> Used for dechlorinating<br/> <b>Size:</b> 55 gallon drums **<br/>           **Lift Gate Service to be included in bid price</p>   | <p><b>Per pound:</b><br/>           _____</p>  |
| <p><b>Sodium Thiosulfate 30%</b><br/> <b>Description:</b> Used for dechlorinating<br/> <b>Size:</b> 55 gallon drums</p>   | <p><b>Per pound:</b><br/>           _____</p>  |
| <p><b>Magnesium Hydroxide Slurry – Aqueous</b><br/> <b>Description:</b> Used for buffering alkalinity<br/> <b>Size:</b> 3400 Lb. totes</p>  | <p><b>Per pound:</b><br/>           _____</p>  |



| CHEMICAL   | *UNIT COST                        |
|--|-----------------------------------|
| <p><b>Caustic Soda - 50% Solution</b><br/> <b>Description:</b> Used for increasing the pH of drinking water<br/>           Must meet AWWA B501-2013 and NSF/ANSI 60/61<br/> <b>Size:</b> Bulk-Full load</p> <p>Quantity depends on weather and raw water quality</p> | <p><b>Per Wet Pound</b></p> <hr/> |
| <p><b>Caustic Soda - 30% Solution</b><br/> <b>Description:</b> Used for increasing the pH of drinking water<br/>           Must meet AWWA B501-203 and NSF/ANSI 60/61<br/> <b>Size:</b> Bulk-full load</p> <p>Quantity depends on weather and raw water quality</p>  | <p><b>Per Wet Pound</b></p> <hr/> |



## BID CERTIFICATION & SUBMITTAL FORM

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By signing below, the undersigned does hereby agree and certify the following terms, understanding and commitments;

1. The bidder, including officers, partners or principals, have thoroughly read and understand all sections of the Request for Bids and that any exceptions or variances requested have been submitted with their bid, all questions have been asked and answered and that the fee(s) submitted with the bid include all required items, services and product.
2. That all information and answers are correct for all parties to the best of their knowledge, and that should any information be found to be materially incorrect or false, the District may terminate any contract or agreement with the parties.
3. By submitting a bid, the Proposer agrees to release the District from any liability resulting from the District's disclosure of such materials and the information contained in them.
4. By submitting a bid, the Proposer also agrees to defend any legal or administrative action seeking release of materials the Proposer believes to be trade secret information and will indemnify and hold harmless the District, its agents and employees from any judgments or damages awarded against any of them in favor of any party requesting the materials, including any costs connected to that defense. If a request is made under Kentucky Statutes for release of any materials submitted by a bidder that the bidder deems to be trade secret information, the District will notify the bidder of such a request, but the District will have no obligation to commence or defend any action to prevent the disclosure of any materials, including materials the bidder believes to be trade secret information or otherwise confidential.
5. That no member of the bidders company, its employees, principals or partners have not given, offered to give, nor intends to give at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a District employee or Commissioner in connection with this bid and offer.
6. That the undersigned have the authority and approval to submit this bid and bind their corporation or organization to the terms required in the Request for Bid and if selected for further consideration will in good faith negotiate with the District to provide additional pricing or cost information, and to enter into an agreement for completion of this transaction and purchase.

Bidder Certification:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name & Title

\_\_\_\_\_  
Name of Corporation / Company

\_\_\_\_\_  
Witness Signature

Date of Bid: \_\_\_\_\_



## **Check List for Bid Submittal Requirements**

- Bid Form (4 pages).
- Bid Certification & Submittal Form.
- Product Return Policy - list Product Return options available.
- Attached list of Optional Services, or Products available, to include pricing.