



## **HOPKINSVILLE WATER ENVIRONMENT AUTHORITY**

### Bid Packet:

FY 2022 - 2023  
Sealed Bid # 2223-01  
North & South Quarry Raw Water Discharge Bypass

### Bid Opening:

Thursday, August 11, 2022 @ 2:00 P.M. CST  
401 East 9<sup>th</sup> Street, Hopkinsville, KY, 42240  
HWEA Boardroom

# **BID PACKET**

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IMPORTANT: In the event any of the documents are not enclosed, please advise the Purchasing Officer immediately.



## **INVITATION TO BID**

Sealed bids for furnishing and delivering the following:

FY 2022 - 2023  
Sealed Bid # 2223-01  
North & South Quarry Raw Water Discharge Bypass

will be received at HWEA's Main Office, 401 East 9<sup>th</sup> Street, P. O. Box 628, Hopkinsville, Kentucky, until 2:00 pm, CST, on Thursday August 11, 2022, at which time the bids will be opened and read aloud publicly in the HWEA Board Room, at the same address.

The Bid Packet contains the Invitation to Bid, General Conditions, Specifications, and Detailed Specifications.

# **GENERAL CONDITIONS**

## 1. INSTRUCTIONS, SPECIFICATIONS AND FORMS

Instructions, specifications and forms may be obtained via the HWEA website, in person, or by email from the HWEA Purchasing Officer at 401 East 9<sup>th</sup> Street, Hopkinsville, KY, 42240. Telephone number 270-887-2782, email [jrenshaw@hwea-ky.com](mailto:jrenshaw@hwea-ky.com), or see our website at [www.hwea-ky.com](http://www.hwea-ky.com).

- (a) All bids shall be submitted on and in accordance with the attached Bid Form. The form shall be signed and dated in the appropriate space.
- (b) Each bid shall be submitted in a sealed envelope and clearly marked on the outside of the envelope with the following:

FY 2022 - 2023  
Sealed Bid # 2223-01  
North & South Quarry Raw Water Discharge Bypass

- (c) If forwarded by mail, the sealed envelope containing the proposal must be enclosed in another envelope: FY 2022 - 2023 - SEALED BID # 2223-01 - NORTH & SOUTH QUARRY RAW WATER DISCHARGE BYPASS and shall be mailed to the HWEA Purchasing Officer, P.O. Box 628 Hopkinsville, KY 42241, allowing sufficient time for such mailing to reach this address prior to the scheduled closing time for receipt of bids.
- (d) Additional information or clarifications of any of the instructions or information contained herein may be obtained from the Purchasing Officer.
- (e) Any bidder or bidders finding any discrepancy in or omission from the specifications, in doubt as to their meaning, or believing that the specifications are discriminatory, shall notify the Purchasing Officer in writing within 5 days of the scheduled opening of bids. Exceptions as taken in no way obligates HWEA to change the specifications. The Purchasing Officer will notify all bidders in writing, of any interpretations made of specifications or instructions.
- (f) HWEA will assume no responsibility for oral instructions or suggestions. All official correspondence in regard to the specifications should be directed to and will be issued by the Purchasing Officer.

- (g) The successful bidder may have to purchase a City of Hopkinsville vendor's license prior to the official award of the bid, in order to meet the requirements of City of Hopkinsville ordinances.
- (h) Any bidder may withdraw their bid either in person or in writing at any time prior to the scheduled time for the receipt for bids. Withdrawals after the scheduled time for the receipt of bids will not be permitted.

## 2. AWARD OF CONTRACTS

- (a) The HWEA Board may award the contract to the bidder it finds to be the most responsive (considering price, time of delivery, compliance with specifications and past experiences) and not necessarily the lowest price. HWEA reserves the right to reject any and all bids.
- (b) All bids will be awarded based on the most current edition of HWEA's Purchasing Policy, as amended.
- (c) All bids will be judged on the basis of best buy to HWEA and compliance with the General Conditions and conformance with the bid specifications. HWEA reserves the right to reject any and all bids.
- (d) Any other considerations or basis for judgment will be stated in the specifications.
- (e) Unless otherwise stated, the Purchasing Officer reserves the right to award contracts or place orders to a single source or divide awards and orders or enact such combination which in his judgment, shall be in the best interest of HWEA.

## 3. DELIVERY

- (a) Item(s) shall be delivered F.O.B. destination with delivery costs and applicable charges to be included in the bid.

#### 4. COMPETITION

In order to assure fair competition and to permit determination of the best bid:

- (a) The Detailed Specifications, which may include a name of any manufacturer, trade name, or manufacturer or vendor catalog number mentioned in the specifications or Bid Form is to designate a standard of quality and type and for no other reason.
- (b) Bids which show any omission, irregularity, alteration of forms, additions not called for, conditional or unconditional unresponsive bids, or bids obviously unbalanced may be rejected.
- (c) All bids shall be accompanied by such descriptive literature and documents as may be called for by the specifications or Bid Form.
- (d) Specifications provided are based on HWEA needs and uses, estimated costs of operation and maintenance, and other significant and / or limiting factors to meet HWEA requirements and shall be consistent with HWEA's policies. Minimum or maximum specifications where included, are not established arbitrarily to limit competition or to exclude otherwise competitive bidders.

#### 5. DISPUTES

In cases of disputes, as to whether or not an item or service quoted or delivered meets specifications, the decision of the Purchasing Officer, or authorized representative shall be final and binding on all parties. The Purchasing Officer may request written recommendation of the head of the Department using the item.

#### 6. EXCEPTIONS

The submission of a bid shall be considered an agreement to all the terms, conditions and specifications provided herein as listed in the various bid documents, unless specifically noted otherwise in the space provided on the Bid Form.

#### 7. BID BINDING

Unless otherwise specified, all formal bids submitted shall be firm and irrevocable for a period of sixty (60) calendar days from the date of opening.

8. UNIT PRICING

Unless clearly shown on the Bid Form that it is the intent of the bidder that a reduced total price is being offered on the basis of receiving an award of all items covered by the total, any totals should be the actual sum of the extension of unit price(s), extended price(s), and/or total price(s). If a mistake is observed in arithmetic, unit prices govern and the bid will be refigured accordingly.

9. DELIVERY TIME

The bidder is to indicate on the Bid Form the approximate lead time on delivery.

10. WARRANTY

The material / services furnished in accordance with these specifications shall be guaranteed to be free from defect in workmanship, material or equipment.

# **SPECIFICATIONS**

## 1. GENERAL SPECIFICATIONS

- (a) The work shall include the furnishing of all labor, materials, equipment, tools, supervision, Shop Drawings, testing, and related items, as required and specified, to install two (2) discharge lines on the raw water mains that supply the Moss WTP for HWEA.
- (b) BID FORMS submitted by Contractors who have not, in the opinion of HWEA, had sufficient experience in the size and type of work involved may not be considered.
- (c) Prior to work commencement, the Contractor shall schedule and coordinate all work with HWEA.
- (d) The work shall be completed in 90 calendar days from the date of the Notice to Proceed.
- (e) The Notice to Proceed will not be issued until all materials have been delivered.
- (f) Liquidated Damages shall be assessed at \$250 per calendar day for each day in excess of the Contract Times, should the Contractor not make readiness for Final Payment as stipulated in the Notice to Proceed. Contract Time Extensions may be requested for reasonable delays outside the Contractor's control (unexpected material lead times, inclement weather, employee quarantine orders, etc.). Approved Contract Extensions will be implemented with a Change Order.
- (g) Payment will be made in a single lump-sum, inclusive of any Change Orders, within 30 days of Contractor invoicing and HWEA's acceptance.
- (h) Partial payment may be requested by the Contractor upon delivery of materials. The partial payment amount will be equal to the cost of the materials less 10% retainage. The materials will be considered Stored Materials and HWEA property.
- (i) The Contractor shall comply with all OSHA regulations and HWEA safety regulations that apply to work associated with this project.
- (j) The contractor shall comply with all Environmental Protection Agency (EPA) regulations which apply to the work associated with this project.



- (k) The Contractor shall make all efforts necessary in order to ensure that the dust and debris is confined to the area where the work is taking place.
- (l) The Contractor shall be responsible for removing and disposing of all materials which are schedule to be removed and any demolition debris. HWEA shall determine if any of the materials are salvageable and if so, shall be delivered to HWEA for warehousing.
- (m) The use of second hand or salvaged construction materials will not be permitted by HWEA.
- (n) All work shall be completed under the supervision of an on-site superintendent provided by the Contractor. No work may be done on-site without the supervision of the superintendent. The Contractor must submit a resume of the prospective superintendent to HWEA for review and approval.
- (o) All work shall be completed to HWEA's satisfaction. All methods and installation shall be coordinated with HWEA to ensure a timely and professional job.
- (p) No part of work shall be subcontracted out without written permission from HWEA. If approved, a list of all subcontractors shall be provided to HWEA.
- (q) All work shall conform to the Construction Plans and referenced documents.
- (r) The Contractor shall be responsible for surface restoration of all areas disturbed by construction. All work shall meet HWEA's standards for seeding and mulching requirements.
- (s) Construction plans have been prepared by Bell Engineering.
- (t) HWEA will provide judgment concerning any discrepancies between the Construction Plans, the HWEA Standards Manual, or any other component of the work.
- (u) The contractor shall make any necessary field measurements in order to ensure that the is properly completed. The Contractor shall coordinate all work and materials to ensure that the appurtenances function as intended.

- (v) The new lines will be tested with low air pressure from the valve to EOL at 5 psi. The cut-in tees, inline piping, valves and sleeves will be visually inspected for leaks upon reactivation of the raw water line.
- (w) All materials provided by the Contractor shall be warranted for a period of at least one (1) year from the date of final certificate of payment.
- (x) The Contractor will be required to sign a one (1) year workmanship warranty that begins from the date of final certificate of payment.

2. INFORMATION TO BE FURNISHED BY BIDDER

- (a) Contractor bidding on the work shall give evidence of their experience in the class of work involved, including at least three jobs of comparable size and type performed by as general contractors.
- (b) Contractor shall, at his own expense, procure all permits, certificates and licenses required of them by law for the execution of their work. Contractor shall comply with all federal, state and local laws, ordinances, or rules and regulations relating to the performance of the work.
- (c) A copy of contractor's Certificate of Insurance which names HWEA as a certificate holder insured in the amounts listed below:

<b>Worker's Compensation</b>	Statutory
<b>Employer's Liability</b>	
Bodily Injury by Accident	\$500,000 Each Accident
Bodily Injury by Disease	\$500,000 Each Employee
Bodily Injury by Disease	\$500,000 Policy Limit
<b>Automotive Liability</b>	
Bodily Injury & Property Damage	\$1,000,000 Each Accident
<b>Commercial General Liability</b>	
Bodily Injury & Property Damage	\$1,000,000 Per Occurrence
Bodily Injury & Property Damage	\$2,000,000 Aggregate
<b>Commercial Umbrella</b>	\$5,000,000 Per Occurrence

Failure to provide any of the above information could result in dismissal of bid.

3. HWEA SUPPLIED SERVICES / MATERIALS
  - (a) HWEA will provide Resident Inspection / Observation during construction.
  - (b) HWEA will be responsible for submittal review and approval.
  
4. SITE VISIT
  - (a) Site Visit is not required before submission of bid.
  
5. EXCEPTIONS
  - (a) Major exceptions to these specifications or failure to submit requested information may be considered cause for rejection of the bid.

**DETAILED SPECIFICATIONS**

The following are minimum specifications for;

FY 2022 - 2023  
Sealed Bid # 2223-01  
North & South Quarry Raw Water Discharge Bypass

**ANY AND ALL BIDS WHICH ARE RETURNED MUST HAVE THE FOLLOWING  
PAGES COMPLETED AND RETURNED OR BID MAY NOT BE CONSIDERED.**

## **DETAILED SPECIFICATIONS**

The work shall include the following tasks. These tasks are included as a general description of the work to be completed and are not meant to be all-inclusive. A complete project shall be defined as the installation of any and all construction materials and work necessary in order that the appurtenances function in the intended manner.

- Clear, grub and rip-rap approximately 425 SY of existing ditch line.
- Furnish and install a sloped and flared concrete headwall with approximately 10 LF of 24" HDPE drain including tie-in to existing 24" HDPE drain.
- Furnish and install two (2) parallel discharge lines, approximately 39 LF of 18" DIP and approximately 71 LF of 24" DIP, with fittings, tie-in to existing Raw Water Lines and a unified double winged sloped and flanged concrete headwall.



## RECEIPT OF BID PACKET

FY 2022 - 2023  
Sealed Bid # 2223-01  
North & South Quarry Raw Water Discharge Bypass

I hereby acknowledge receipt of the subject bid packet.

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Company Authorized Signature

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Date



## BID FORM

FY 2022 - 2023  
 Sealed Bid # 2223-01  
 North & South Quarry Raw Water Discharge Bypass

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

1. Mobilization	1	LS			
2. Clearing & Grubbing Including Off-Site Disposal	1	LS			
3. 30" x 24" DIMJ Tee w/Megalugs	1	EA			
4. 24" x 18" DIMJ Tee w/Megalugs	1	EA			
5. 24" DIMJ Butterfly Valve, w/Megalugs	1	EA			
6. 18" DIMJ Butterfly Valve, w/Megalugs	1	EA			
7. 30" DIMJ Solid Sleeve, w/Megalugs	1	EA			
8. 24" DIMJ Solid Sleeve, w/Megalugs	1	EA			
9. 24" DIMJ 45° Bend, w/Megalugs	2	EA			
10. 24" DIMJ 22.5° Bend, w/Megalugs	1	EA			
11. 18" DIMJ 45° Bend, w/Megalugs	2	EA			
12. 18" DIMJ 22.5° Bend, w/Megalugs	1	EA			
13. 30" DIP, Furnishing, Trenching, Laying, & Backfill	18	LF			
14. 24" DIP w/Bell Restraints, Furnishing, Trenching, Laying, & Backfill	71	LF			

15.	18" DIP w/Bell Restraints, Furnishing, Trenching, Laying, & Backfill	39	LF	_____	_____
16.	24" HDPE Storm Pipe, Furnishing, Trenching, Laying, & Backfill	10	LF	_____	_____
17.	Fabricated Safety Grate at 24" Bypass Line	1	EA	_____	_____
18.	Fabricated Safety Grate at 18" Bypass Line	1	EA	_____	_____
19.	Double-Winged, S&F Concrete Headwall for 24" and 18" DIP	1	EA	_____	_____
20.	S&F Concrete Headwall for 24" DIP, with grate	1	EA	_____	_____
21.	Rip-Rap Stone, Complete, In-Place	315	TON	_____	_____
22.	Concrete Thrust Blocking, As Detailed on Plans (8 Locations)	1	LS	_____	_____
23.	Furnish & Install 2" Corp Stop for Air Removal During Filling of Line, Furnish & Install Cap on Corp Stop, Backfill Excavation.	2	EA	_____	_____
24.	Erosion Control During Construction	1	LS	_____	_____
25.	Final Regrade and Seeding	1	LS	_____	_____
26.	Demobilization	1	LS	_____	_____
<u>TOTAL BID - FORM OF PROPOSAL - ITEMS 1-26.</u>				_____	_____

Bidder acknowledges that: 1) Each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and 2) Estimated quantities are not guaranteed, and are solely for the comparison of bids, and final payment for all unit price bid items will be based on actual quantities, determined as provided in the contract documents.



## BID FORM

FY 2022 - 2023  
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I, the undersigned, do hereby certify that I am a duly authorized representative of:

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

and I have carefully examined the Invitation to Bid, General Conditions, Specifications and Bid Form and agree to all terms and conditions as set forth therein.

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2022

\_\_\_\_\_  
NOTARY PUBLIC

My Commission Expires: \_\_\_\_\_