



## HOPKINSVILLE WATER ENVIRONMENT AUTHORITY

### Bid Packet:

FY 2021 - 2022

Sealed Bid # 2021-11

Valves / Hydrants / Tapping Sleeves / Tapping Saddles for Potable Water

### Bid Opening:

Thursday, May 13, 2021 @ 1:00 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 2021 - 2022  
Sealed Bid # 2021-11  
Valves / Hydrants / Tapping Sleeves for Potable Water

will be received at HWEA's Main Office, 401 East 9<sup>th</sup> Street, P. O. Box 628, Hopkinsville, Kentucky, until 1:00 p.m., CST, on May 13, 2021, 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 2021 - 2022  
Sealed Bid # 2021-11  
Valves / Hydrants / Tapping Sleeves for Potable Water

- (c) If forwarded by mail, the sealed envelope containing the proposal must be enclosed in another envelope: FY 2021 - 2022 - SEALED BID # 2021-11 - VALVES / HYDRANTS / TAPPING SLEEVES FOR POTABLE WATER 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.
- (f) Awarded bidder will receive a contract for the period of July 1, 2021 through June 30, 2022 or equivalent period depending upon the date awarded. The contract may be extended yearly, upon written agreement from both parties.

## 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 delivery time / date of the vehicle to HWEA from date of signing contract.

10. WARRANTY

The items furnished in accordance with these specifications shall be guaranteed to be free from defect in workmanship, material or equipment. Brass must also be free of lead.

# **SPECIFICATIONS**

## 1. GENERAL SPECIFICATIONS

- (a) All items are to be equipped with all manufacturer's standard equipment as listed in the manufacturer's literature.
- (b) The items shall be manufactured in production and shall be of good listed quality as to workmanship and materials used.
- (c) All usage is based on estimated usage for fiscal 2020 - 2021. This is not a guarantee of any amount that will be purchased.

## 2. INFORMATION TO BE FURNISHED BY BIDDER

- (a) Each bid shall have attached the following information:
  - 1. A copy of manufacturer's warranty.
  - 2. A copy of the complete descriptive literature to include operation, installation and maintenance instructions.

## 3. 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 2021 - 2022  
Sealed Bid # 2021-11  
Valves / Hydrants / Tapping Sleeves for Potable Water

### **BIDDER SPECIFICATIONS**

Bidder is requested to indicate either by writing "Comply" or "Exceptions" whether his product meets the minimum specifications as listed on this opposite side. If "Exception" is written, please indicate in the space provided the deviation.

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



## DETAILED SPECIFICATIONS FOR VALVES

- Non-rising stem
- Meet or exceed ANSI/AWWA C515 Standard, UL 262 Listed, FM 1120/1130 Approved, and certified to ANSI/NSF 61 & 372
- Epoxy coating meet or exceed ANSI/AWWA C550 standard
- Iron wedge, symmetrical & fully encapsulated with molded rubber; no exposed iron
- Triple O-ring seal stuffing box
- 2" square wrench nut - open left
- 350 psig maximum working pressure, 700 psig static test pressure
- Designed for potable water applications

DESCRIPTION	COMPLY	EXCEPTION	UNIT PRICE	Est. Lead Time
2" Threaded Gate Valve, est. use 5				
2" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 5				
3" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 3				
4" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 3				
6" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 10				
8" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 3				
10" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 1				
12" Gate Valve – Mechanical Joint x Mechanical Joint, est. use 1				

## DETAILED SPECIFICATIONS FOR HYDRANTS

- Meets ANSI/AWWA C502 standards
- Post type dry barrel design
- Dry top design with O-ring sealed reservoir
- Traffic feature with stainless steel safety stem coupling
- Compression type main valve
- Operating nut - open left
- Field replaceable hose and pumper nozzle
- Dual bronze drain valves
- 350 psig maximum working pressure, 700 psig static test pressure
- 5 ¼" main valve opening 3-way (2 hose nozzle / 1 pumper nozzle)
- Designed for potable water applications

DESCRIPTION	COMPLY	EXCEPTION	UNIT PRICE	Est. Lead Time
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 3' Bury, est. use 1				
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 3' 6" Bury, est. use 1				
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 4' Bury, est. use 1				
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 4' 6" Bury, est. use 1				
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 5' Bury, est. use 1				
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 5' 6" Bury, est. use 1				
5 ¼" 3 Way Fire Hydrant w/ 6" Mechanical Joint Shoe - Yellow in Color, 6' Bury, est. use 1				

## DETAILED SPECIFICATIONS FOR TAPPING SLEEVES

- Tapping sleeve will be made out of stainless steel
- Integral MJ outlet
- MJ flange made out of stainless steel
- Certified to ANSI/NSF 61
- ¾" NPT brass test plug
- 250 psig maximum working pressure
- Designed for potable water applications

DESCRIPTION	COMPLY	EXCEPTION	UNIT PRICE	Est. Lead Time
4" x 4" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
6" x 6" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
8" x 6" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
8" x 8" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
10" x 6" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
10" x 8" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
10" x 10" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				

### DETAILED SPECIFICATIONS FOR TAPPING SLEEVES (continued)

DESCRIPTION	COMPLY	EXCEPTION	UNIT PRICE	Est. Lead Time
12" x 6" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				
12" x 8" Stainless Steel Tapping Sleeve w/ Mechanical Joint Outlet for Ductile Iron Pipe, est. use 1				

### DETAILED SPECIFICATIONS FOR TAPPING SADDLES

- Must be for potable water use
- Must be free of lead
- Must be for 1" CC taps
- Must be for carbon steel, stainless steel, ductile iron, asbestos cement & PVC pipe
- Must have up to 300 psi working pressure
- Body must be cast using ductile iron 65-45-12 per ASTM A536
- Body must have fusion bonded epoxy finish which meet AWWA C213 standard
- Gasket must be nitrile per ASTM D2000
- Gasket must be certified to NSF / ANSI 61-G & 372
- Must be a double bale service saddle
- Bale must be HSLA carbon steel per AWWA C111 / A21.11 standard
- Bale must be Fe / Zn coated per ASTM F1941-10
- Nut must be carbon steel per ASTM A307
- Washer must be carbon steel per ASTM F844
- Strap (16" - 24" nominal pipe) must be carbon steel per ASTM A36

**DETAILED SPECIFICATIONS FOR TAPPING SADDLES (continued)**

<b>DESCRIPTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>	<b>UNIT PRICE</b>	<b>Est. Lead Time</b>
OD Range - 1.61 to 1.92 w/ 1" CC/25mm est. use 5				
OD Range - 2.35 to 2.56 w/ 1" CC/25mm est. use 10				
OD Range - 3.74 to 4.13 w/ 1" CC/25mm est. use 5				
OD Range - 4.40 to 4.80 w/ 1" CC/25mm est. use 5				
OD Range - 5.94 to 6.90 w/ 1" CC/25mm est. use 45				
OD Range - 6.84 to 7.60 w/ 1" CC/25mm est. use 45				
OD Range - 7.69 to 9.05 w/ 1" CC/25mm est. use 10				
OD Range - 8.54 to 10.10 w/ 1" CC/25mm est. use 10				
OD Range - 12.62 to 14.32 w/ 1" CC/25mm est. use 5				
OD Range - 17.25 to 17.80 w/ 1" CC/25mm est. use 5				
OD Range - 21.55 to 21.65 w/ 1" CC/25mm est. use 5				



## RECEIPT OF BID PACKET

FY 2021 - 2022  
Sealed Bid # 2021-11  
Valves / Hydrants / Tapping Sleeves for Potable Water

I hereby acknowledge receipt of the subject bid packet.

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Company Authorized Signature

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Date



## BID FORM

FY 2021 - 2022  
Sealed Bid # 2021-11  
Valves / Hydrants / Tapping Sleeves for Potable Water

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

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

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

I, the undersigned, do hereby certify that I am a duly authorized representative of \_\_\_\_\_ located at \_\_\_\_\_ 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 \_\_\_\_\_, 2021

\_\_\_\_\_  
NOTARY PUBLIC  
My Commission Expires: \_\_\_\_\_