



## **HOPKINSVILLE WATER ENVIRONMENT AUTHORITY**

### Bid Packet:

FY 2023 - 2024  
Sealed Bid # 2324-08  
Roll Off Container Truck

### Bid Opening:

Thursday, December 07, 2023 - 2:00 P.M. CST  
401 East Ninth Street, Hopkinsville, Kentucky, 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 2023 - 2024  
Sealed Bid # 2324-08  
Roll Off Container Truck

will be received at HWEA's Main Office, 401 East 9<sup>th</sup> Street, P. O. Box 628, Hopkinsville, Kentucky, until 2:00 p.m., CST, on December 07, 2023, 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 2023 - 2024  
Sealed Bid # 2324-08  
Roll Off Container Truck

- (c) If forwarded by mail, the sealed envelope containing the proposal must be enclosed in another envelope: FY 2023-2024 - SEALED BID # 2324-08 - ROLL OFF CONTAINER TRUCK 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) 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 delivery time / date of the vehicle to HWEA from date of signing contract.

10. WARRANTY

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

11. TRAINING

Upon receipt of delivery, a factory trained representative shall provide a minimum of two hours of startup and training at no additional cost.

# **SPECIFICATIONS**

## 1. GENERAL SPECIFICATIONS

- (a) All vehicles and equipment furnished under this contract shall be factory equipped with safety equipment and in conformance with the Federal Motor Vehicle Safety Standards and Vehicle Emissions Regulations applicable at time of delivery.
- (b) All equipment is to be equipped with all manufacturer's standard equipment as listed in the manufacturer's literature.
- (c) The equipment shall be manufactured in production and shall be of good listed quality as to workmanship and materials used.

## 2. INFORMATION TO BE FURNISHED BY BIDDER

- (a) Each bid shall have attached the following information:
  - 1. A copy of manufacturer's warranty, owner's manual and wiring diagram.
  - 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 2023 - 2024  
Sealed Bid # 2324-08  
Roll Off Container Truck

### **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**

<b>DESCRIPTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
Qty. 1 - Roll Off Container Truck mounted on a Tri Axel Chassis with a GVWR of at least 80,000 lbs.		

### **GENERAL**

<b>DESCRIPTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
Truck shall include a roll on / off container movement that is capable of hauling sludge into landfills		
Truck shall be capable of hauling at least 40 tons total weight down the highway		
Truck shall be in compliance with all Kentucky State Highway & Federal DOT regulations		
Machine shall be capable of being operated by one person		

### **TRUCK MECHANICAL**

<b>DESCRIPTION</b>	<b>COMPLY</b>	<b>EXCEPTION</b>
ENGINE: Min. 500hp Cummins X15 (2024 Emissions)		
Engine Protection Shutdown includes oil pressure, oil temperature, coolant temperature and intake manifold temperature.		
Exhaust Brake		
Throttle Pedal Override when Park Brake Set		
Engine Brake Controls Located on RH Column		
Remote PTO / Throttle, 12-Pin		
PACCAR 160 Amp Alternator, Brushed		
Immersion Type Block Heater 110-120V		
PACCAR Premium Starter		
(3) PACCAR Premium 12v Dual Purpose Batteries		
Battery Jumper Terminal Mounted Under Hood		
Low Voltage Disconnect System		
Kissling Battery Disconnect System		
2-Speed Fan Clutch for Frequent Start / Stops		
18.7 CFM Naturally Aspirated Air Compressor		
Intebrake – Furnished on Engine		
PACCAR Fuel / Water Separator		
High Efficiency Cooling System		
Dual Pre-Cleaners Mounted Under Hood		
(1) Air Cleaner Firewall Mounted		
Exhaust Single RH Side of Cab		

## TRUCK MECHANICAL CONT.

DESCRIPTION	COMPLY	EXCEPTION
Curved Tip Standpipe		
Standpipe shall be 36" Ht., 5" Diameter Chrome & Clearcoat		
TRANSMISSION: Eaton Ultrashift Plus MXP Automated Manual Transmission		
SPL250 Lite HT Driveline, (1) Midship Bearing		
SPL170 XL Driveline Interaxle		
(1) Dash Mounted Single Acting EOH PTO Control		
Auto Neutral at Stop		
18 Forward Gears & 4 Reverse Gears Configuration		
Dash Mounted Push Button Shifter		
Frame Shall be 10-3/4" Steel Rails to 354"		
Frame Shall be Full Steel Inner Liner		
Frame Shall have Heavy-Duty Iron Front Spring Brackets		
Frame Shall have Aluminum Frame Rail Crossmember		
Frame Shall have EOF Square w/o Crossmember		
Front Axle Shall be Dana Spicer D2000F 20,000lb, 3.5" Drop		
Front Axle Shall have Taper Leaf Springs, Shocks at 20,000lb		
Power Steering Reservoir Shall be Frame Mounted w/ Cooler		
Front Axle Shall be PHP10 Iron PreSet PLUS Hubs		
Front Axle Shall have Greasable Front Spring Pins		
Shall have Bendix Air Cam Front Drum Brakes, 16.5x7		
Shall have Tenneco Shocks for Steer Axle		
Shall have Gusseted Cam Brackets for Steer Axle		
Shall have Heavy Duty Cam Bushings for Steer Axle		
Rear Axle Shall be Dana Spicer D46-172 46,000lbs		
Shall have Watson-Chalin AL2200 (1) 23,000lb Pusher		
Shall have 54" Pusher Axle Spacing		
Shall have PHP10 Aluminum PreSet PLUS Hubs, Cast Drums		
Shall have Separate Dash controls, Cont. Trac Full Lock		
Shall have Refuse Service Brakes, Steer & Drive Axles		
Shall have Spring Brake Modulation System		
Truck Shall have Upsize Parking Brakes		
Truck Shall have Anti-Lock Braking System (ABS)		

## TRUCK MECHANICAL CONT.

DESCRIPTION	COMPLY	EXCEPTION
Truck Shall have SmartTire Tire Pressure Monitoring System		
Truck Shall have Synthetic Axle Lubricant on all Axles		
Truck Shall have Lift Axle Regulator & Guage LH Drive Seat		
Truck Shall have Stowed Lifted Axel Higher to Maximize Ground Clearance		
Shall have Bendix Air Cam Rear Drum Brakes 16.5x7		
Shall have Diff. Lock Tandem Axles that Auto Disengage Above 25mph		
Drive Axles Shall have Heavy Duty Cam Bushings		
Truck Shall have 4.78 Ration Rear Axle		
Shall have Hendrickson HMX EX 460, 46,000lbs, 54"		
Shall have 16.5" Saddle Height HMX EX 400/460		
Shall have Bendix AD-HF EP Air Dryer, Heater		
Shall have Pull Cords to All Air Tanks		
Shall have Nylon Chassis Hose		
Shall have Polished Aluminum Air Tanks Outside Frame Rails		
Shall have Self-Returning Brake Hand Valve		
Shall have Body Connections 5' BOC		
Shall have Hand Valve Plumbed to all Service Brakes		

## EXTERIOR

DESCRIPTION	COMPLY	EXCEPTION
Vocational 121 BBC Aluminum Cab		
Metton Hood SFFA		
White in Color		
Thermal Insulation Package in Cab		
Fender Lips 2.25" Wide		
Cab Air Suspension		
Stainless Steel Crown & Grill w/ Tilt Assist		
Exterior Cab Entry Grab Handle		
3-Piece Glass Rear Cab Window		
1-Piece Curve Windshield		
Stainless Steel Sun Visor		
Look Down Mirror Over Passenger Door		
(2) PB Air Horns Round, 23" Length, Roof Mounted		
Antenna w/ Low Mount Only		

## EXTERIOR CONT.

DESCRIPTION	COMPLY	EXCEPTION
Removable Bug Screen Behind Grille		
Electric Windshield Wipers		
Auto Reset Circuit Protection		
Aero Rear View Mirror, Motorized w/ Top Mirror Motorized, Adjustable Dual Axis Heated Glass, Bottom Mirror is Integrated Convex Surface		
26" Polished Aluminum 100 Gallon Fuel Tank LH U/C		
Polished Aluminum All Fuel & Hydraulic Tank Straps		
24 Gallon DEF Tank Mounted LH BOC		
Polished Stainless-Steel Cover for DEF Tank		
Aluminum Space Saver Battery Box RH BOC		
Aftertreatment Aluminum Non-Slip Cab Entry		
Aluminum Bumper Deep Tapered Polished w/ (2) Tow Pins		
Wheels 22.5" Stainless-Steel		
Tires 11R 22.5 For On Road / Off Road Applications		

## INTERIOR

DESCRIPTION	COMPLY	EXCEPTION
High Back Air Ride Driver's Seat w/ Adjustable Seat Track Length, Armrest on RH Only, (1) Chamber Lumbar Support, Suspension w/ Fixed Damping, Fore-Aft Isolator w/ Lockout & Vinyl Bellows over Suspension		
Low Back Non-Air Ride Passenger Seat w/ Armrest on LH Only		
Toolbox Under Passenger Seat		
Tow Hook Holders Mounted Under Passenger Seat		
Steering Wheel w/ Multi-Functions for Radio & Cruise Control		
Adjustable Steering Column - Tilt / Telescope		
Interior Shall be Sterling Gray in Color		
Vanity Mirror on Inside Sun Visors		
Power Door Locks & Power Window Lifts		
Combo Fresh Air Heater / Air Conditioner		
Satellite Radio		
ConcertClass, AM / FM, Weatherband, 3/5 Aux Radio		
(4) Speakers in Cab		
Radio Shall Mute When in Reverse		

### INTERIOR CONT.

DESCRIPTION	COMPLY	EXCEPTION
Bluetooth Phone & Audio USB Port		
Cobra 29 CB Radio Mounted Center of Header		
SmartLINQ Remote Diagnostics		
Rear Wall Deep Record / Ma Pocket		
Triangle Reflector Kit		
Fire Extinguisher Mounted to Passenger Seat		
(4) Additional Electric Switches		

### ROLL OFF HOIST BODY

DESCRIPTION	COMPLY	EXCEPTION
Body Shall be 75K Outside Rail Roll-off Hoist		
5 Spool (FLODR) w/ 4528 valve PL oil tank, 48 gallon & Side Mounted		
Pump Shall be PERMCO 1", 15 Spline		
PTO Shall be Hot Shift for Auto Transmission		
Pintle Ready Apron, 8" Hoist w/ Split Bumper, Auto Fold ICC		
Hoist up Alarm, Audible w/ Light		
Trucklight LED Light System		
Hoist Servicing Props		
Tool Box, Steel, 20" x 16" x 48"		
Ratchet Tie Down, Nylon 1-set		
Fenders, Steel Triaxle, Tarp		
Tarper Shall be RP4500SARGDEL		
(2) 4" Work Lights Mounted on Gantry		
Work Lights in Rear Bumper		
Cable Eye J-hook		
Factory Mount & Paint Hoist Black on Truck		

### CONTAINER

DESCRIPTION	COMPLY	EXCEPTION
Container Shall Have a Capacity of 25 CY		
Container Shall be Compatible with Cable Hoist Body		
Container Shall be Green in Color		
Understructure Shall be 3" Channel 3.5# per Foot on 18" Center		
Cross Member Gussets Shall be 2 Gussets per Crossmember		
Main Rails / Floor Sills Shall be 2" x 6", 3/16" Wall w/ Solid Bull Nose		

### CONTAINER CONT.

DESCRIPTION	COMPLY	EXCEPTION
Pull Hook Shall be 2" x 6" Tubing 3/16" Wall w/ Solid Bull Nose		
Floor Shall be 3/16" Steel Plate		
Rear Roller / Wheels Shall be 8" Diameter x 6" Long w/ Grease Fitting		
Nose / Guide Rollers Shall be 4" Diameter x 4" Long w/ Recessed Grease Fitting		
Sides & Front Walls Shall be 12-Gauge Rectangles		
Top Rails Shall be 4" x 3" Tubing 3/16" Wall		
Side Braces / Wall Post Shall be 12-Gauge Side Post on 36" Centers		
(2) Heavy Duty Hinges w/ Grease Fitting		
Door Sheet Shall be 12-Gauge Rectangles		
Rear Door Shall Have a 2-Point Latch & Safety Chain		
Each Side, Front & Door Shall Have a Tie Down		
Paint Shall be Industrial Enamel Finish to 2.0		

### CONTROLS, GUAGES and ACCESSORIES

DESCRIPTION	COMPLY	EXCEPTION
Drive Axle # 1 Front Oil Temp Guage		
Drive Axle # 2 Rear Oil Temp Guage		
Engine Oil Temp Guage		
Transmission Oil Temp Guage		
Guard(s) for Rear Axle Heat Guage		
Air Filter Restriction Pressure Guage w/ Increases Indication		
Brake Application Air Pressure in Cluster Display		
Fuel Filter Restriction Guage		
Engine Hour-meter Guage		
Engine PTO Guage		
Ammeter Located in Cluster Display		
Engine Percent Torque Located in Cluster Display		
Manifold Pressure Guage		
(1) Pusher Axle Pressure Guage		
Main Instrument Panel Shall be a Digital Cluster 15" Display that Includes Speedometer, Tachometer, Primary Air Pressure, Secondary Air Pressure, Fuel Level, DEF Level, DPF Filter Status, Fuel Economy, Oil Pressure, Coolant Temp & Voltmeter		

## SAFETY

DESCRIPTION	COMPLY	EXCEPTION
Headlights Projector Module Pod Shall be Fender Mounted Turn Signals, Projector Module Low Beam, Complex Reflector High Beam & Pod Mounted		
(5) Aero LED Marker Lights on Roof, Visor or Fairing		
(1) 6" Spotlight, Round Halogen LH		
Self-Canceling Turn Signal		
LED Stop / Turn / Tail / Backup Lights Bracket Mounted at End of Frame on Left & Right Side		
Wiring for Additional Set Turn Lights Under Corner of Cab		
(2) Load Lights, Incandescent, Flush Mounted Low on Back of Cab		

## WARRANTY

DESCRIPTION	COMPLY	EXCEPTION
Standard Truck 1 Year 100,000 Miles		
Standard Engine 2 Year 250,000 Miles		
Standard Transmission 3 Years		
Minimum 1 Year on Hoist Roll Off Body		
Minimum 1 Year on Container		

A previous year model or lightly used truck that is either in stock or available for delivery within a reasonable time frame will be accepted for review. Recommendation is to provide two bids, one bid for a new built from the factory and a second bid of equivalent in stock truck indicating price and lead time on both trucks for HWEA review. Also provide exceptions of the in-stock truck for HWEA to review against bid specifications.



## **RECEIPT OF BID PACKET**

FY 2023 - 2024  
Sealed Bid # 2324-08  
Roll Off Container Truck

I hereby acknowledge receipt of the subject bid packet.

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Company Authorized Signature

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Date





## BID FORM

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

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

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

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>BIDDER DESCRIPTION</u>	<u>TOTAL COST</u>
One	Roll Off Container Truck	_____	\$ _____

Lead Time: \_\_\_\_\_

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 \_\_\_\_\_, 2023

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