

**BID DOCUMENTS  
FOR**

**HYDRO VACUUM EXCAVATOR  
PURCHASE BID DOCUMENTS**

**September 2026**

**OWNER**

Jordan Valley Water Conservancy District  
8215 South 1300 West  
West Jordan, Utah  
(801) 565-4300

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## SPECIFICATIONS

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## NOTICE INVITING BIDS

**DESCRIPTION OF WORK:** Jordan Valley Water Conservancy District (JVWCD) (Owner) desires to purchase a 2027 Model Year Hydro Vacuum Excavator Vactor HXX (or approved equivalent). See specifications at the end of the contract for exact requirements. The work generally includes the manufacturing and delivery of the equipment specified in this Contract. Only new equipment is approved for purchase, used or refurbished units will not be accepted.

**OBTAINING CONTRACT DOCUMENTS:** The Contract Documents are entitled Hydro Vacuum Excavator Purchase Bid Documents. The Contract Documents may be obtained on JVWCD's website ([www.jvwcd.gov](http://www.jvwcd.gov)). Contractors are required to check JVWCD's web site for any addenda prior to submitting a responsive bid. Bids determined to be non-responsive may be rejected.

**RECEIPT OF BIDS:** Sealed bids will be received at the office of the Jordan Valley Water Conservancy District, Owner, located at 8215 South 1300 West, West Jordan, Utah 84088, until **2:00pm, on Thursday, September 24, 2026**, for the requested equipment.

Electronic bids may also be submitted in adobe .pdf format to [EppieT@jvwcd.gov](mailto:EppieT@jvwcd.gov). JVWCD requests that electronic bids be submitted 15 minutes prior to the bid opening deadline. A public bid opening will be held at the bid due time. Attendance is not required. Bid results will be posted to JVWCD's website within 24 hours of the bid opening.

**OPENING OF BIDS:** The bids will be publicly opened and read at the time and location identified above. Attendance is not required by the Bidder. Electronic bids will not be opened until the official bid opening.

**DELIVERY SCHEDULE:** A breakdown of the lead time for the contracted equipment shall be provided to JVWCD.

**AWARD OF CONTRACT:** An Award of Purchase Order, if awarded, will be made within 30 calendar days of the opening of bids. Contract will be awarded based on the overall lowest cost to the Owner and will be made to a responsive and responsible bidder whose bid complies with all the requirements prescribed. In the event the entire work is contained in more than one bidding schedule, the Owner may award schedule individually or in combination.

**PAYMENT:** Payment for the equipment purchase shall be made on Net-30 Payment Terms.

**BONDS:** Bid Bonds and Performance Bonds will not be required for this equipment purchase contract.

**ADDRESS AND MARKING OF BID:** The envelope enclosing the bid shall be sealed and addressed to the Jordan Valley Water Conservancy District and delivered or mailed to 8215 South 1300 West, West Jordan, Utah 84088. The envelope shall be plainly marked in the upper left-hand corner with the name and address of the bidder and shall

## NOTICE INVITING BIDS

bear the words "Bid for," followed by the title of the Contract Documents for the work and the date and hour of opening of bids.

Electronic bids shall be submitted to the Project Manager, [EppieT@jvwcd.gov](mailto:EppieT@jvwcd.gov) as an email attachment with the words "Bid for," followed by the title of the Contract Documents for the work and the date and hour of opening of bids in the subject line of the email.

**PROJECT ADMINISTRATION:** All questions related to this project prior to the opening of bids shall be directed, in writing via email to the Owner for the project. Questions will be accepted until two (2) days prior to the opening of bids. Responses to questions will be published on JVWCD's website.

**OWNER'S RIGHTS RESERVED:** The Owner reserves the right to reject any or all bids, to waive any informality in a bid, and to make awards in the interest of the Owner.

### Owner

Jordan Valley Water Conservancy District  
Project Manager: Eppie Trujillo  
8215 South 1300 West  
West Jordan, Utah 84088  
Telephone: (801) 565-4300  
Email: [EppieT@jvwcd.gov](mailto:EppieT@jvwcd.gov)

## **INSTRUCTIONS TO BIDDERS**

**FORM OF BID:** The bid shall be made on the Bid Schedule form bound herein. The bid shall be filled out in all respects with accompanying signatures. The attached bid, together with requested supporting information described below, shall be provided as described above.

**DELIVERY OF BID:** The bid shall be delivered by the time and to the place stipulated in the Receipt of Bids. It is the Bidder's sole responsibility to see that the bid is received in proper time.

**WITHDRAWAL OF BID:** Bids shall be unconditionally accepted without alteration or correction, except that Bidder may by means of written request, signed by the Bidder or his properly authorized representative, withdraw his bid. Such written request must be delivered to the place stipulated in the Receipt of Bids prior to the scheduled closing time for receipt of Bids.

### **EXAMINATION OF BID DOCUMENTS**

It is the responsibility of each Bidder before submitting a bid:

- To examine thoroughly the Contract Documents and other related data identified in the Contract Document (including "technical" data referred to below);
- To study and carefully correlate the Bidder's observations with the Contract Documents; and
- To notify the Project Manager of all conflicts, errors, ambiguities, or discrepancies in or between the Contract Documents and such other related data.

**DISQUALIFICATION OF BIDDERS:** If there are reasons for believing that collusion exists among the Bidders, all Bids will be rejected.

**WARRANTY:** The successful bidder shall warrant the equipment to be free of defects in materials and workmanship for a period of one (1) year following delivery of the equipment. The Bidder will be responsible for repairing or replacing, at its own expense, any warranty defect which occurs within the warranty period.

## BID

### **BID SCHEDULE:**

| <u>Item</u>                               | <u>Unit</u> | <u>Quantity</u> | <u>Total Price</u> |
|-------------------------------------------|-------------|-----------------|--------------------|
| 1. 2027 Model Year Hydro Vacuum Excavator | Lump Sum    | 1               | \$ _____           |

*The Bid shall not include taxes, for which JVWCD is exempt.*

**Total bid price:**

\$ \_\_\_\_\_

**Total bid price in words:**

\_\_\_\_\_

Bidder (Company name): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature)

Dated: \_\_\_\_\_

Name: \_\_\_\_\_  
(Print)

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

### **ITEMS TO INCLUDE WITH THE BID**

The following documents are attached to and made a condition of this Bid:

1. Bid Schedule (C-1).
2. Information Required of Bidder (D-1).

## INFORMATION REQUIRED OF BIDDER

The Bidder shall furnish the following information. Failure to comply with this requirement may render the bid non-responsive and subject to rejection. Additional sheets shall be attached as required. No bid for the work will be considered from a bidder who does not hold an active license in good standing applicable to the type of work bid upon at the time of submission of the bid.

1. Bidder's name: \_\_\_\_\_

2. Bidder's address: \_\_\_\_\_  
\_\_\_\_\_

Bidder's Primary Contact: \_\_\_\_\_

Email address of Bidder's primary contact: \_\_\_\_\_

Bidder's telephone number: \_\_\_\_\_

3. Utah Department of Commerce Information  
Business Entity/License Number: \_\_\_\_\_  
Delinquent Date: \_\_\_\_\_

4. List the delivery date or lead-time of the equipment following the issuance of the Award of Purchase Order:

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

Manufacturer: \_\_\_\_\_

5. As necessary, attach to your bid technical information and/or product literature showing compliance with the defined technical specifications.

Sample Award of Purchase Order

**AWARD OF PURCHASE ORDER (EXAMPLE)**

The Jordan Valley Water Conservancy District (Owner) hereby accepts your Bid dated \_\_\_\_\_. In accordance with your Bid and the Owner's Contract Documents dated \_\_\_\_\_, the Owner has created a purchase order in the amount of \$\_\_\_\_\_ for the project entitled "\_\_\_\_\_". The completion date is \_\_\_\_\_ calendar days from the Acceptance Date of this Award by you.

You should sign and return this Award of Purchase Order within 10 calendar days from the date of this notice to you.

Sincerely,

Shazelle Terry  
COO

\_\_\_\_\_  
Award Date

**ACCEPTANCE OF AWARD**

\_\_\_\_\_, a corporation qualified to do business in the State of Utah, hereby agrees to perform as specified in its Bid, the Owner's Contract Documents, and this Award of Purchase Order.

\_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Acceptance Date

Attachments: Bid

# **HYDRO VACUUM EXCAVATOR SPECIFICATION**

## **2027 MODEL YEAR**

### **VACTOR HXX OR APPROVED EQUAL**

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## **1. GENERAL**

The equipment furnished under this specification shall be new, unused, current production, and of the latest design. The vacuum excavator shall be specifically designed and manufactured for hydro excavation and underground utility locating and excavation operations. Units assembled from aftermarket components or rebuilt equipment are not acceptable.

The intent of this specification is to procure a heavy-duty municipal hydro excavation truck equal in quality, performance, reliability, and operating capability to a Vactor HXX Hydro Excavator.

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## **2. CHASSIS**

The hydro excavator shall be mounted on a current production tandem axle commercial truck chassis meeting the following minimum requirements:

- White color
- GVWR adequate for completed units
- Diesel engine
- Minimum 450 horsepower
- Allison automatic transmission
- Air suspension driver and passenger seat
- Engine compression brake
- Heated power mirrors
- Air conditioning and Heater
- Cruise control/ steering wheel controls
- Aluminum wheels
- Power windows and door locks
- Backup alarm
- LED lighting package
- Back up camera

## Specifications

- Hands free steering wheel controls
  - AM/FM Bluetooth radio
  - PTO compatible for hydro excavator installation
- 

### 3. VACUUM SYSTEM

The vacuum system shall utilize a positive displacement blower.

Minimum requirements:

- Minimum 5,200 CFM airflow
- Minimum 27 inches Hg vacuum
- Heavy-duty silenced blower
- Automatic vacuum relief protection
- Cyclonic separator
- Final filtration system protecting blower
- Hydraulic blower engagement
- Vacuum controls at operator station

Equivalent fan systems may be accepted only if documented performance equals or exceeds these specifications.

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### 4. DEBRIS BODY

The debris body shall meet the following requirements:

- Minimum 12 cubic yard capacity
- Abrasion resistant steel construction
- Full hydraulic dump
- Minimum 50-degree dump angle
- Hydraulic rear door opening, closing, and locking
- Positive locking rear door
- Tank Washout System
- Debris level indicator
- Sight glass
- Debris body vibrator
- Additional toolboxes

## **5. WATER SYSTEM**

The water system shall include:

- Minimum 1,200-gallon water capacity
  - Stainless steel or corrosion-resistant water tank
  - Minimum 3,000 PSI water pump
  - Minimum 20 GPM flow
  - Triplex plunger pump
  - Electronic flow management
  - Adjustable pressure controls
  - Water level indicator
  - Low water shutdown
  - 75-foot hand lance hose
  - Anti-siphon protection
  - Water fill hose
  - Adjustable water pressure
  - Electronic flow management
  - Water level gauge
  - Winter drain system
- 

## **6. BOOM ASSEMBLY**

The vacuum boom shall include:

- Hydraulic telescoping boom
  - Minimum 22-foot working reach
  - Minimum 320-degree rotation
  - Eight-inch vacuum tube
  - Hydraulic boom controls
  - Boom transport lock
  - Dig tube storage
  - Fold down pipe racks
- 

## **7. VACUUM HOSE**

Provide:

- Eight-inch vacuum hose attachments

## Specifications

- Six -inch vacuum hose attachments and reducer
  - Minimum 20-foot dig tube
  - Hose extensions
  - Quick disconnect couplings
  - Wear-resistant hose construction
- 

## 8. HYDRAULIC SYSTEM

The hydraulic system shall include:

- Load sensing hydraulic system
  - Hydraulic oil cooler
  - Filtration system
  - Hydraulic reservoir with sight gauge
  - Low oil shutdown protection
  - Pressure gauges
  - Emergency shutdown
- 

## 9. OPERATOR CONTROLS

The unit shall include:

- Dual operator stations
  - Color diagnostic display
  - Wireless remote control
  - Emergency stop controls
  - Engine throttle controls
  - Water pressure controls
  - Boom controls
  - Vacuum controls
  - Vacuum and water pressure gauges
  - Hour meter
  - Automatic shutdown alarms
  - PTO controls
- 

## 10. COLD WEATHER PACKAGE

The equipment shall be capable of year-round municipal operation.

Minimum requirements:

## Specifications

- Water heater (minimum 400,000 BTU)
  - Heated water lines
  - Heated pump enclosure
  - Heated valves
  - Freeze protection package
  - Heated tool storage
  - Water system winterization
  - Insulated plumbing
  - Air purge system
- 

## 11. LIGHTING

Provide LED lighting including:

- Work lights
  - Boom lights
  - Tank lights
  - Backup lights
  - Warning strobes
  - LED marker lights
- 

## 12. SAFETY EQUIPMENT

The unit shall include:

- Backup camera
  - Fire extinguisher
  - Wheel chocks
  - Reflective conspicuity striping
  - Mud flaps
  - LED warning beacon package and adequate strobe lights
  - Audible backup alarm
  - OSHA-compliant handrails
  - Non-slip walking surfaces
  - Emergency stop switches
- 

## 13. STORAGE

Provide lockable storage for:

## Specifications

- Lockable aluminum toolboxes
  - Shovel holders
  - Traffic cone holders
  - Pipe fold down storage rack
  - Hand tools
  - Vacuum nozzles
  - Hoses
  - Accessories
- 

## 14. FINISH

The equipment shall receive:

- Corrosion-resistant primer
  - Polyurethane topcoat
  - Manufacturer's standard finish
  - White Color
  - Frame undercoating
- 

## 15. WARRANTY

Minimum warranty requirements:

- One-year complete machine warranty
  - Three-year hydraulic component warranty
  - Five-year water tank corrosion warranty
  - Manufacturer's standard engine warranty
  - Manufacturer's standard chassis warranty
- 

## 16. TRAINING

Successful bidder shall provide:

- Minimum one full day operator training
- Maintenance training
- Operator manuals
- Parts manuals
- Electronic manuals
- Diagnostic software (if applicable)

## **17. DELIVERY**

Equipment shall be delivered:

- Fully assembled
  - Pre-delivery inspected
  - Fuel tank full
  - DEF tank full
  - Complete with all manuals
  - Complete with one spare set of filters
- 

## **18. APPROVED MANUFACTURERS**

Bidders proposing an equivalent product shall submit complete manufacturer specifications with the bid to demonstrate compliance.

## Specifications

Example Vector:

