

JORDAN VALLEY WATER CONSERVANCY DISTRICT

CONTRACT DOCUMENTS FOR:

JVWCD PUMP & MOTOR (P-1) REHABILITATION
(3145 W 11400 SOUTH BOOSTER STATION)

March 2025

Owner

Jordan Valley Water Conservancy District
8215 South 1300 West
West Jordan, Utah 84088-9422

PROJECT MANAGER
Keenan Robertson
keenanr@jvwcd.org
Office-(801)256-4417, Cell-(385)424-7725

Notice Inviting Bids

DESCRIPTION OF WORK:

Jordan Valley Water Conservancy District (JVWCD) desires to receive bids to perform the rehabilitation, reinstallation, and start-up of one (1) 250hp motor and pump at one of its Booster Stations. The pump and motor are currently located at the Nickerson Company shop. Nickerson originally pulled this pump and motor.

SITE OF WORK:

The location of the Booster Station is 3145 West 11400 South. There is no skylight access in this building. There is a crane inside the building that will move the motor and pump to the double doors on the south side of the building, the crane does not go outside the building.

RECIPT OF BIDS:

Bids will be received by the Jordan Valley Water Conservancy District, attention Keenan Robertson, at 8215 South 1300 West, West Jordan, Utah 84088, FAX (801) 565-4394, or keenanr@jvwcd.org on or before **March 31, 2025, by 4:00pm**.

OBTAINING CONTRACT DOCUMENTS:

The Contract Documents are entitled: "JVWCD Pump & Motor P-1 Rehabilitation". All Contract Documents may be obtained on the District's website (www.jvwcd.org) beginning March 24, 2025. Prospective bidders must register at the District's web site under the project to receive project notifications and addenda, if any. Contractors are required to check the District's web site for any addenda prior to submitting a responsive bid. Bids determined to be non-responsive may be rejected.

PRE-BID SITE VISIT:

If it is the desire of any prospective contractor to visit the site, arrangements can be made with the project manager, Keenan Robertson.

FORM OF BID:

The bids shall be made on the Bid Schedule bound herein. The bids shall be enclosed in a sealed envelope bearing the name of the Company providing the bid and the name of the project (JVWCD Pump & Motor P-1 Rehabilitation), along with the form Information Required of Contractors located in the General Information section. Bids and information may also be sent by Fax (801) 565-4394, or to the Project Manager's email address: keenanr@jvwcd.org.

DELIVERY OF BIDS:

The bids shall be delivered by the time and place stipulated in the Receipt of Bids. It is the Contractors responsibility to see that its quote is received in proper time. Failure to meet the deadline (March 31, 2025, by 4:00pm) will result in the disqualification of your proposed quote for the project.

BONDS:

Bid bonds and Performance Bonds will be required for any bid with a total cost greater than \$50,000.

Notice Inviting Bids

PROJECT SCHEDULE:

Work shall be completed within 90 calendar days from the date of acceptance of the Award of Purchase Order. Work shall be coordinated between the Contractor and the JVVCD, so the work progresses without interruption. All work performed at the pump station shall be performed between the hours of 7am and 6pm, Monday through Friday, unless prior arrangements between the Contractor and JVVCD are made. If work is not completed within the 90-day time frame, the Contractor agrees to accept liquidated damages in the amount of \$100 per day.

OWNER'S RIGHTS RESERVED:

The JVVCD reserves the right to reject any or all bids, to waive any informality in a proposal, and to make awards in the interest of the Owner.

AWARD OF PURCHASE ORDER:

An Award of Purchase Order, if awarded, will be made within 14 calendar days after receipt of bids following the March 31, 2025, deadline. Work will be awarded based upon the lowest responsive and responsible bid. No Award of Purchase Order will be awarded to a Contractor who does not hold an active business license in good standing applicable to the type of work to be performed, and/or is not registered with the State of Utah.

Instructions to Bidders

CONTRACTOR QUALIFIED REQUIREMENTS:

The Contractor shall meet the following requirements:

- 1) Hold a current Utah Contractor License
- 2) Hold a current Utah Business License
- 3) Have completed at least 3 (three) projects of same (or larger) size and complexity.
- 4) Contractors shall be bonded and insured.

INSURANCE REQUIREMENTS:

Prior to the Award of Purchase Order, the Contractor must furnish certificates of insurance to include the following policies. The limits of liability for the insurance required in this project shall provide for not less than the following amounts or greater where required by Laws.

- 1) Workers' Compensation
 - A) State: Utah Statutory
- 2) Comprehensive General Liability
 - A) Bodily injury (including complete operations and products liability):
 - \$500,000 Each Occurrence
 - \$1,000,000 Annual Aggregate
 - Or a combined single limit of \$1,000,000
 - B) Property Damage liability insurance including Explosion, Collapse and Underground coverages where applicable.
 - C) Personal Injury, with employment exclusion deleted.
 - \$1,000,000 Annual Aggregate
- 3) Comprehensive Automobile Liability
 - A) Bodily Injury:
 - \$500,000 Each Person
 - \$1,000,000 Each Occurrence
 - B) Property Damage:
 - \$500,000 Each Occurrence
 - Or combination single limit of \$1,000,000

Instructions to Bidders

EXECUTION OF CONTRACT:

The Contractor to whom the award is made shall execute the work conveyed in these documents, shall secure all insurance, and shall furnish all certificates required by the specifications within 10 calendar days after receipt of the Award of Purchase Order from the Owner. If the successful bidder refuses or fails to execute the contract the Owner may award the contract to the second lowest bidder or reject all bids.

PAYMENT:

Payment for services performed under this contract may be billed after pulling and inspecting the pump and motor, after the rebuild of the pump and motor, and after reinstallation of the pump and motor. Or, shall be invoiced one time once the work is completed and after the pump and motor has been reinstalled and tested for proper operation. Payment under these guidelines shall be at the discretion of the contractor. The invoice(s) shall be sent to the Owner on the Contractor's official invoice/letterhead. Any departure from the work described herein shall not be paid by the Owner without prior written authorization.

Instructions to Bidders

SCOPE OF WORK:

- The Contractor shall execute the work described herein.
- The booster station DOES NOT have hatchways above each pump/motor assembly for removing or installing the pumps and motors by way of crane. There is a crane on the inside of the building that can move the pump and motor (note: the crane is inside the building only.)
- The Contractor shall pull the rotating assembly from the peerless10AE14A Split Case Pump and rebuild with the following factory OEM parts: inboard bearing, outboard bearing, packing glands, gland hardware, casing gasket, shaft sleeves, set screws, O-rings, lip seals, packing, lantern rings, impeller key, casing wear rings, slingers, etc.
- The pump needs a new impeller.
- The Contractor shall clean up the Casing and Lid. Reinstall the rotating assembly, and replace the coupler insert.
- The JVWCD desires to have a qualified motor repair firm inspect and rebuild the motor. This work shall include all recommended practices included in the EASA Standard AR100-2015 Recommended Practice for the Repair of Rotating Electrical Apparatus. Rebuild of the motor will include all necessary components that are identified during the inspection that need to be replaced to bring the motor within specifications when the motor was new.
- The Owner shall be notified by the contractor when the motor is disassembled. The Owner shall be allowed to visit, review, and discuss findings with the motor repair firm while the motor is disassembled.
- Reconditioning of the motor shall include, but not limited to: Replacement of the upper and lower motor bearings. Machine work on the bearing housings. Insulation coating of the windings and balancing of the rotor. If replacement of the windings is required, the contractor shall notify the owner and set up a meeting with the motor repair shop, owner, and themselves to review and discuss the findings before proceeding with repairs. The exterior color of the motor coating shall be the same as the existing motor color before repairs were performed.
- The Motor needs new windings.
- Once the pump and motor are reinstalled the contractor shall align the pump and motor, preform start-up, and adjust packing.
- Contractor shall procure and pay for all required permits prior to the start of work.
- Contractor is responsible to take all environmental actions as required by State and local entities pertaining to the work to be performed.
- Contractor shall follow a written Occupational Safety and Health Administration (OSHA) compliant program, and other applicable programs, to ensure all safety measures are taken to protect public safety and the safety of workers at the site.
- All information tags, site glass indicators, etc., shall be protected on the equipment and materials so the information remains clean and legible.
- The Contractor shall be responsible for disconnecting the power cables and sensor wiring associated with the motor and shall reconnect the power cables and sensor wiring once the pump and motor are returned and reinstalled.
- Additional information on the pump and motor are listed in the appendix.

Instructions to Bidders

WARRANTY, GUARANTEE AND MAINTENANCE PERIOD:

The Contractor warrants and guarantees to the Owner that all work, equipment, materials, and workmanship are in accordance with the requirements of these Bid Documents and are not defective. Prompt notice of defects discovered by the JWCD shall be given to the Contractor. All defective work, whether or not in place, may be rejected, corrected, or accepted at the sole discretion of the JWCD.

If within one (1) year after the date of Final Completion, any work is found to be defective, the JWCD shall notify the Contractor in writing and the Contractor shall promptly, without cost to the JWCD and in accordance with District's written notification, either correct the defective work, or, if it has been rejected by the JWCD, remove it from the site and replace it with non-defective work. In the event the Contractor does not promptly comply with the notification, or in an emergency where delay would cause serious risk of loss or damage, the JWCD may have the defective work corrected or rejected work removed and replaced. All direct, indirect, and consequential costs of the removal and replacement including but not limited to fees and charges of engineers, architects, attorneys, and other professionals will be paid by the Contractor. This paragraph shall not be construed to limit nor diminish the Contractor's absolute guarantee to complete the work in accordance with the Contract Documents.

BID SCHEDULE

JVWCD Pump & Motor P-1 Rehabilitation

<u>Item</u>	<u>Units</u>	<u>Quantity</u>	<u>Price</u>
1- Rebuild 250 hp Motor (as required to bring motor within new motor spec's) Motor needs new windings Transport and reinstall motor Connect all electrical, align pump & motor, check rotation, and perform start-up	LS	1	\$
2- Replacement 250 hp Motor (provide lead time on replacement)	LS	1	\$
3- Rebuild Rotating Assembly (according to the scope of work) Including new impeller Transport and reinstall Pump	LS	1	\$

Total Amount for Items (1 and 3) \$ _____

Total Amount for Items (2 and 3) \$ _____

Award of contract will be based on the lowest cost of Items 1 and 3; OR on the lowest cost of Items 2 and 3 contingent on the lead time of the replacement motor.

Bidder: _____

By: _____
(Signature)

Dated: _____

Name: _____
(Print)

Title: _____

GENERAL INFORMATION

INFORMATION REQUIRED OF CONTRACTORS: Contractor 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 Proposal for the work will be considered from a Contractor 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 proposal.

1. Contractor's name: _____

2. Contractor's address: _____

 Contractor's Primary Contact: _____

Email address of Contractor's primary contact: _____

Contractor's telephone number: _____

3. Utah Department of Commerce Information
 Business Entity Number: _____
 Delinquent Date: _____

4. Contractor's Utah License Number: _____
 Expiration Date: _____
 Primary Classification: _____
 Supplemental Classification held, if any: _____

5. Number of years as a contractor in work of this type: _____

6. Provide a minimum of three successfully completed projects that involved pump and motor rehabilitation:

<u>Job Name/Description</u>	<u>Owner</u>	<u>Name of Owner's representative and contact information</u>
1.		
2.		
3.		

7. As necessary, attach technical information to this Bid showing compliance with the defined scope of work and/or technical specifications.

AWARD OF PURCHASE ORDER (sample)

The Jordan Valley Water Conservancy District (Owner) hereby accepts your Bid dated _____. In accordance with your Bid and the Owner’s Request for Bid dated _____, the Owner has created a purchase order in the amount of \$_____ for the project entitled “JWCD Pump & Motor P-1 Rehabilitation”. The completion date is 90 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
Assistant General Manager

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

Motor Tag

INVERTER DUTY MOTOR


TORQUE	HZ RANGE	RPM	230V AMPS
787 <small>LB FT</small>	6-60	180-1800	299
	OVER TEMP PROT ?		

NOTE: ABOVE PERFORMANCE IS BASED ON OPERATION OF THIS MOTOR ON U.S. MOTORS/EMERSON INVERTERS.


CONSTANT VOLTS > 60HZ
CONSTANT VOLTS/HZ ≤ 60HZ

LINE (SINUSOIDAL) RATING

MODEL	HP 2.0	PH	HZ 60	RPM 1785
FRAME 457T	TYPE B1	ENCL DP	SF 1.0	
VOLTS 460	ID 809900-9922-00-11-02	INSUL CLASS F		
AMPS 205	DES D	MAX AMB 40°C	SHAFT END BRG C220-3	
NEMA NOM EFFICIENCY 96.2	CODE F	DUTY CONT	OPP END BRG C213-1	



U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC CO.
ST. LOUIS, MO
MADE IN U.S.A.



C22.2
NO. 10

Pump Tag



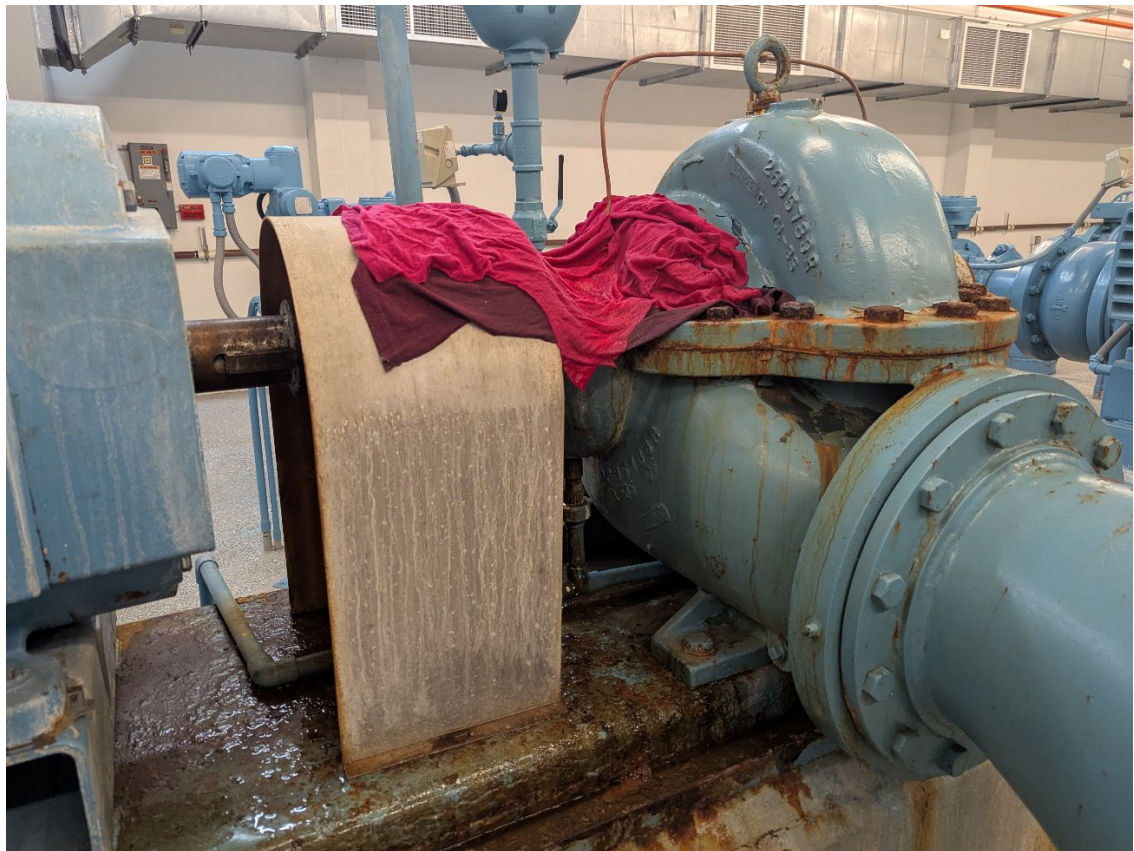
Photos



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