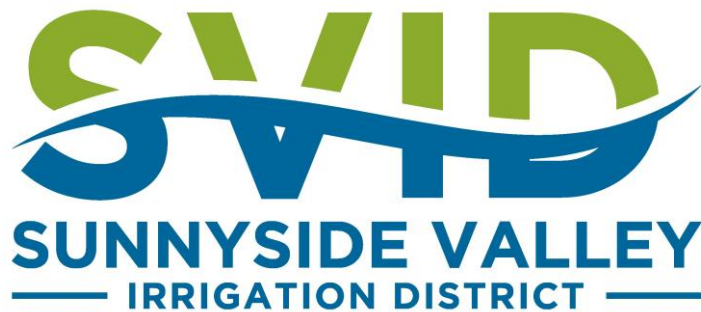


Sunnyside Valley Irrigation District

23.7 Reservoir Vertical Turbine Pump Bid Package



Sealed bids will be received until 11:00 am.
Tuesday December 2nd, 2025

at

Sunnyside Valley Irrigation District Field Office
1105 Yakima Valley Hwy.
P.O. Box 239
Sunnyside, WA 98944
509-837-6980

Project Contact: *Gerardo Villalobos*

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Sunnyside Valley Irrigation District 23.7 Reservoir Vertical Turbine Pump Bid Package

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INSTRUCTIONS TO BIDDERS

01. General

Contract documents and specifications are on file and may be reviewed at the Sunnyside Valley Irrigation District Field Office located at 1105 Yakima Valley Hwy, Sunnyside, WA 98944. Contract documents may be requested by phone: (509) 837-6980. The addenda will be e-mailed or faxed to bidders who have signed for or requested contract documents through this office. Addenda, if necessary, will be sent and posted no later than 10:00am on November 25th, 2025. Questions received after 3:00 pm on November 24th, 2025 will go unanswered.

02. Location & Delivery Completion Time

At the suppliers' expense, materials will be delivered to Sunnyside Valley Irrigation District 23.7 Reservoir which is located at 431 Gurley Rd, Granger, WA 98932.

03. Delivery Completion Time

A 24-hour notice period is required prior to delivery of goods. Any delivery made in an enclosed trailer will need to have all materials accessible to unload with a forklift from the back of trailer. Goods are to be delivered between 8:00 a.m. and 2:00 p.m., Monday through Friday (excluding holidays), January 2nd, 2026 to April 10th, 2026.

Contractor shall be required to have the contract completed by April 10th, 2026.

04. Examination of Plans, Specifications and Site

Bidders shall satisfy themselves as to existing conditions by personal examination of plans, specifications and site of proposed delivery, and by any other examination and investigation which they may desire to make as to the nature of issues to be encountered.

05. Proposals

Proposals shall be made on the forms included herewith and shall be addressed to the Sunnyside Valley Irrigation District, 1105 Yakima Valley Hwy, PO Box 239, Sunnyside, WA 98944. Proposals shall be in a sealed envelope and shall be mailed or delivered to the above address to arrive not later than 11:00 a.m. on December 2nd, 2025.

No proposal may be withdrawn after the time set for the bid opening or before award of contract unless said award is delayed for a period exceeding thirty (30) days.

SVID is exempt from state sales tax and must not be included in the price for materials.

06. Bid Proposal Deposit

As a guarantee of good faith and as required by law, each bid shall be accompanied by a bid proposal deposit in the form of a cashier's check or Bidder's bond, payable to the order of the Sunnyside Valley Irrigation District, for an amount not less than five (5) percent of the total amount of the bid. Deposits of the three low bidders will be retained until a contract has been entered into between the successful bidder and the Sunnyside Valley Irrigation District, and until a performance and payment bond in an amount of twenty-five percent (25%) of the contract price has been filed as required under these contract documents.

Deposits of other bidders will be returned as soon as it is determined that they are not one of the three low bidders.

07. Award of Contract

The successful bidder will not be selected until the Sunnyside Valley Irrigation District (Owner) is satisfied that the lowest responsible bidder can supply all the specified materials within the given timeframe. The award of the bid will be announced on Monday, December 8th, 2025. **Completion of the work within the time stated is essential.** Prior commitments of the bidder, failure to complete other work on time, or reasonable doubt as to whether the bidder would complete the work on time would be cause for the rejection of any bid. In addition, the

Owner may determine any bidder not to be responsible in accordance with RCW 43.19.1911(9) and/or any other presiding legal authority.

The right is reserved by Owner to waive any irregularities in the bidding, to reject any or all proposals, to accept any proposal, to re-advertise for new proposals, or to otherwise carry out the work.

No bidder may withdraw their bid proposal after the time set for the opening thereof, or before award of contract, unless the award is delayed for a period exceeding thirty (30) days. No alterations to the bid documents will be accepted. In the event of a tie, the successful bidder will be determined by the flip of a coin.

The following is applicable to federal aid projects: Sunnyside Valley Irrigation District, in accordance with Title VI of the Civil Rights Acts of 1964, 88 Stat. 352, hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

08. Failure to Execute Contract

In the event the successful bidder fails to furnish an approved performance bond and to sign the contract within ten (10) working days after notification of award, an amount equal to five (5) percent of the amount of the bid shall be forfeited to Owner as liquidated damages. Said liquidated damages shall be paid from the check or bid bond filed by the bidder. Other proposals will then be reconsidered for award by Owner.

09. Corrections, Interpretations and Addenda

Any omissions, discrepancies or need for interpretation should be brought in writing to the attention of the Owner. Written addenda to clarify questions which arise will then be issued.

All interpretation or explanations of the contract documents shall be in the form of an addendum, and no oral statements by Owner, or other representative of Owner shall, in any way, modify the contract documents, whether made before or after awarding the contract.

10. Completion Time

Contractor shall be required to have the contract completed by April 10th, 2026.

11. Bidder's Responsibility Statement

It is the responsibility of each bidder to ascertain if the bid package contains all of the documents. If documents are missing, it is the sole responsibility of the bidder to contact the Owner to obtain the missing documents prior to bid opening time.

12. Bid Package Checklist

The Following are required as a minimum for a complete bid:

- ☐ Action Submittals
- ☐ Non-Collusion and Debarment Affidavit
- ☐ Bid Bond / Cashier's Check
- ☐ Signed Proposal Form
- ☐ Schedule of Prices
- ☐ Acknowledgment of Receipt of Addenda (if applicable)

13. Payment of Invoice

After acceptance of delivery of goods by SVID, the Supplier shall provide an invoice setting forth the quantity of goods delivered to SVID, the unit prices, and the total price. SVID will confirm the quantities delivered and for all invoices received by the end of the month will pay the invoice on the 10th day of the following month. The acceptance of delivery by the District shall not be deemed to be a final acceptance of the goods for any purpose, including defective or non-conforming goods.

General Requirements

Vertical Turbine Pump

Part I GENERAL

1-01 Definitions:

- A. Terminology pertaining to pumping unit performance and construction shall conform to the ratings and nomenclature of the *Hydraulic Institute Standards*.

1-02 Submittals:

A. Action Submittals:

1. Make, model, weight, and horsepower of each equipment assembly.
2. Complete Catalog information, descriptive literature, specifications, and identification of materials of construction.
3. Hydraulic Shop Testing: Performance data curves showing head, capacity, horsepower demand, and pump efficiency over the entire operating range of the specific pump, from shutoff to maximum capacity. Curves to be completed for 20, 30, 40, 50, and 60 Hz with the adjustable speed drive at minimum and maximum TDH. Indicate separately the head, capacity, horsepower demand, overall efficiency, and minimum submergence required at the guarantee point.
4. Pump maximum downthrust or upthrust in pounds.
5. Detailed mechanical and electrical drawing showing the equipment dimensions, size, and locations of connections and weights of associated equipment.
6. Power and control wiring diagrams, including terminals and numbers.
7. Complete motor nameplate data, as defined by *NEMA*, motor manufacturer, and including any motor modifications.
8. Factory finish system.

B. Informational Submittals:

1. Factory Functional and Performance Test Reports.
2. Manufacturer's Certification of Compliance that the factory finish system is identical to the requirements specified herein.
3. Special shipping, storage and protection, and handling instructions.
4. Manufacturer's printed installation instructions.
5. Manufacturer's Certificate of Proper Installation.
6. Suggested spare parts list to maintain the equipment in service for a period of one year. Include a list of special tools required for checking, testing, parts replacement, and maintenance.
7. List special tools, materials, and supplies furnished with equipment for use prior to and during startup and for future maintenance.
8. Operation and Maintenance Data.

Part II EXECUTION

2-01 Installation:

- A. Install in accordance with manufacturer's printed instructions.
- B. Coordinate installation of pump can and pump mounting flange with the pump manufacturer.
- C. Adjust pump assemblies such that the driving units are properly aligned, plumb, and level with the driven units and all interconnecting shafts and couplings. Do not compensate for misalignment by use of flexible couplings.
- D. Connect discharge piping without imposing strain to pump discharge head.

2-02 Field Quality Control:

- A. Functional Tests: Conduct on each pump.
 - 1. Alignment: Test completed assemblies of actual pump with motors furnished for correct rotation, proper alignment and connection, and quiet operation.
 - 2. Vibration Test:
 - a. Test with units installed and in normal operation, and discharging to the connected pumping systems at rates between the low discharge head and high discharge head conditions specified, and with the actual buildings structures and foundations provided shall not develop vibration exceeding limits specified in *ANSI/HIS 9.6.4* at all operating speeds. Test shall additionally be completed over the variable frequency drive.
 - b. If units exhibit vibration in excess of the limits specified adjust or modify as necessary. Units which cannot be adjusted or modified to conform as specified shall be replaced.
 - 3. Flow Output: Measured by plant instrumentation.
 - 4. Operating Temperatures: Monitor bearing areas on pump and motor for abnormally high temperatures.
- B. Performance Test: In accordance with *Hydraulic Institute Standards AWWA E101*.

2-03 Manufacturer's Services:

- A. Manufacturer's Representative: Present at Site or classroom designated by Owner, for minimum person-days listed below, travel time excluded:
 - 1. One person-day for installation assistance and inspection.
 - 2. One person-day for functional and performance testing and completion of Manufacturer's Certificate of Proper Installation.
 - 3. One person-day for Unit start-up
- B. Equipment Testing and Unit Startup:
 - 1. Equipment Test Report Form: Provide written test for each item of equipment to be tested, to include the minimum information:
 - a. Owner/Project Name.
 - b. Equipment or item tested.
 - c. Date and time of test.
 - d. Type of test performed(functional or performance)
 - e. Test method
 - f. Test conditions.
 - g. Test results.
 - h. Signature spaces for Contractor and Engineer as witnesses.

2-04 Supplement:

- A. The supplement listed below, following “End of Section,” is a part of this
1. Performance Demonstration/Certification Form
 2. Vertical Turbine Pump Data Sheet

END OF SECTION

PERFORMANCE DEMONSTRATION/CERTIFICATION FORM

OWNER: _____ PROJECT: _____

Unit Processes Description(List unit processes involved in facility startup):

Unit Processes Startup Sequence(Describe sequence for startup, including computerized operations, if any)

Contractor Certification that Vertical Turbine Pump is capable of performing its intended function(s), including fully automatic operation:

Contractor: _____ Date: _____

Engineer: _____ Date: _____
(Authorized Signature)

EQUIPMENT SPECIFICATIONS

VERTICAL TURBINE PUMP DATA SHEET

PUMP DATA

PUMP NAME SVID MP 23.7 Reservoir	EQUIPMENT NUMBER R2-P-05	SPEED TYPE Adjustable
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PUMP MANUFACTURERS

Peerless
Fairbanks Morse

MODEL

18HH

SERVICE CONDITIONS

Liquid Pumped: (Water)
Largest Solid: 1 inch
Pumping Temperature (PT): Ambient
Specific Gravity at PT: 1
Viscosity at PT: 0.9 cp
Minimum NPSHA at PT:

PERFORMANCE REQUIREMENTS

Rated Capacity: 5,610* gpm
Head at Rated Capacity: 35* feet
Efficiency at Rated Capacity: 84* Percent
Speed at Rated Capacity: 1,180* rpm
Number of Stages:

Other: *Flow, head, and efficiency at rated capacity when reservoir elevation is half full.

Pump shall also operate at 3250 gpm @ 47 ft and 6500gpm @ 27 ft head when reservoir is at min. and max. elevations, respectively.

EQUIPMENT DESCRIPTION

Discharge Head: Steel A53 Type E GrB
Bowl Casing: Cast Iron (A48 CL30)
Impeller/rated size: Bronze
Stuffing Box,/ Mechanical Seal: Packing

Bowl Shaft/Line Shaft: 416SS/Carbon Steel
Column: Steel A53 Type E GrB
Lineshaft Bearings: Rubber (Buena-N)
Lineshaft Bearings Lubrication: Pumpage
Baseplate: Supplied to match pump
Special Features:

Lubrication: Pump Fluid
Other: Impeller Type is semi open

Special Features: Pump intake strainer not required. Provide 1-inch NPT tap in base for air vent.

MOTOR DATA

Type: Squirrel-cage induction meeting requirements of *NEMA MG 1*

Manufacturer: For multiple units of the same type of equipment, furnish motors and accessories of a single manufacturer.

Hazardous Location: ☐ Furnish motors for hazardous (classified) locations that conform to UL 674 and have an applied UL listing mark.

Motor Horsepower: 100
Phase: 3
Voltage: 460
Enclosure Type: WP-1

Synchronous Speed: 1,200 rpm
Mounting Type: ☐ Horizontal ☒ Vertical

Load Class: ☐ Constant Torque ☒ Variable Torque
☐ Constant Horsepower
Multispeed, Two -speed: / rpm
Winding: ☐ One ☐ Two

Additional Motor Requirements:

Shaft ☐ Split ☒ Hollow

NON-COLLUSION AND DEBARMENT AFFIDAVIT

STATE OF _____
COUNTY OF _____

I, the undersigned, an authorized representative of _____
(Firm, Association or Corporation)

being first duly sworn on oath hereby certify that the bid submitted is a genuine and not a sham or collusive bid, or made in the interest or on behalf of any person not therein named; and I further state that the said firm, association or corporation (hereinafter referred to as "Firm") has not directly or indirectly induced or solicited any bidder on the above work or supplies to put in a sham bid, or any other person or corporation to refrain from bidding; and that said Firm, has not in any manner sought by collusion to secure to the Firm, an advantage over other bidder or bidders.

I further certify that, except as noted below, the Firm or any person in a controlling capacity associated therewith or any position involving the administration of federal funds; is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency; has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years; does not have a proposed debarment pending; and has not been indicted, convicted or had a civil judgment rendered against said person or Firm, by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three years.

I further certify that all subcontractors providing work or purchases over \$25,000 meet the above conditions. I will document by using this form and the subcontractor signature block below.

Exceptions noted:

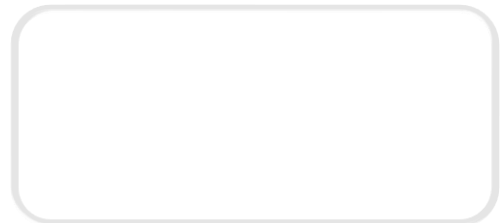
Bidder's Signature _____

I certify that I know or have satisfactory evidence that _____ signed this instrument, on oath stated that (he/she) was authorized to execute the instrument and acknowledged it as the _____ (title) of _____ to be the free and voluntary act of such party of the uses and purposes mentioned in the instrument.

Dated: _____

Signature of Notary Public: _____

My appointment expires: _____
(Seal or stamp)



Sub Contractor Firm _____

Sub Contractor Signature _____

I certify that I know or have satisfactory evidence that _____ signed this instrument, on oath stated that (he/she) was authorized to execute the instrument and acknowledged it as the _____ (title) of _____ to be the free and voluntary act of such party of the uses and purposes mentioned in the instrument.

Dated: _____

Signature of Notary Public: _____

My appointment expires: _____
(Seal or stamp)



Sunnyside Valley Irrigation District
120 S. 11th Street
P.O. Box 239
Sunnyside, WA 98944
(509) 837-6980

Proposal

To: **Sunnyside Valley Irrigation District**
120 S. 11th Street
P.O. Box 239
Sunnyside, WA 98944
509-837-6980

The undersigned hereby certify that _____ ha__ personally read and thoroughly understand the specifications and contract governing the furnishing of materials and the method by which payment will be made for said work hereby propose__ to undertake to supply the materials embraced in this improvement in accordance with said specifications and contract documents, and at the attached schedule of rates and prices.

Note:

1. If the supplier is a co-partnership, so state, giving firm name under which the business is transacted.
2. If the supplier is a corporation, its duly authorized officials must execute this proposal.

(Supplier)

By: _____
(Authorized Officer)

(Address)

(Address)

(Date)

SCHEDULE OF PRICES

Sunnyside Valley Irrigation District 23.7 Reservoir Vertical Turbine Pump Bid Package

Item No.	Location	Description	Quantity	Unit	Sub-Total
1.	431 Gurley Road, Granger, WA 98932	Mobilization, Installation, Calibration Tests, & Demobilization	1	LS	_____
2.	431 Gurley Road, Granger, WA 98932	Specified Vertical Turbine Pump ¹	1	EA	_____
Freight					_____
Total Bid Amount					_____

**Total Bid Amount shall include all expenses*

**Sunnyside Valley Irrigation District is exempt from Sales Tax*

¹Vertical Turbine Pump Specifications are on Page 9 of bid package