



## **ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BATHINDA**

NEAR GIANI ZAIL SINGH COLLEGE, JODHPUR ROMANA, DABWALI ROAD-151001

### **Invitation of quotations for Supply, Installation Testing and Commissioning of Hydro pneumatics Pressure boosting pump at WTP-1, AIIMS Bathinda**

Reference No.: AIIMS Bathinda/Engg. & Estate/25-26/4815

Dated: 16 Sept. 2025

## Notice for Invitation of quotations

**Sealed Quotations** are invited on behalf AIIMS, Bathinda for the subject work at AIIMS Bathinda as per terms & conditions mentioned below. The filled quotations along with all the required documents must reach in the office of the undersigned on or before **26<sup>th</sup> September 2025 (Friday), 17:00 hrs. (Date & Time)**. The Envelope containing the quotation must be sealed and super scribed as under: -

***“Invitation of quotations for Supply, Installation, Testing  
and Commissioning of Hydro pneumatics Pressure  
boosting pump at WTP-1, AIIMS Bathinda’– Department of  
Engineering & Estate”***

**The Quotation should be sent to the address: -**

The Executive Director  
AIIMS Bathinda,  
Mandi Dabwali Road,  
Punjab - 151001.

**Terms & Conditions:**

1. The quotations received **after this deadline or unsealed shall not be entertained** under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. The offer submitted by Fax / email shall not be considered and no correspondence will be entertained in this matter.
  - a. AIIMS Bathinda Reserve the right to cancel quotation without any information.
2. Quotations must be in the **enclosed prescribed Performa (BoQ) on the letterhead of the firm duly signed** by the Proprietor/ Partner/ Director or their authorized representative, in case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation.
3. **Make/Model:-**
  - a. The Vendor has to supply make mentioned in BoQ.
  - b. The supplier should supply and installed all the items at mentioned location.
4. Rates must be quoted in Indian rupees. Rates must be inclusive of **all charges** (including Freight charges, taxes, etc.). **No overwriting or cutting** is permitted in the rate. If found, the quotation shall be summarily rejected.
5. The **rates quoted must be valid for 90 days minimum from the date of opening of**

**the quotation** and silence of any tendered on this issue shall be treated as agreed with this condition.

6. **Total cost/amount will be taken in consideration for L1.** Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
7. The firm/agency may satisfy the following conditions: -
  - a. The firm shall have valid GST/Other taxes and IT PAN.
  - b. The firm should not be black listed by any Government agency/Department.
8. Quantity may increase or decrease as per the decision of the competent authority of AIIMS Bathinda.
9. **Work Completion period** – within 30 days from Purchase order or as per work order awarded.
10. **Payment Terms:** Payment will be only after satisfactorily execution of the work and after inspection by the AIIMS Bathinda. Payment will be done after verification of the work done by the engineering wing. No advance payment shall be admissible.
11. Unsealed quotations, quotations received after due date, quotations not superscribed as mentioned above, unsigned quotations are liable to be rejected. No queries regarding the same shall be entertained in this office. Quotations received through email, fax, telegram etc. shall not be entertained.
12. The decision of AIIMS Bathinda on all matters concerning this work shall be final and binding on the party submitting the quotation.
13. **Defect Liability Period:** DLP shall be of as per warranty of make.
14. If the contractor does not start the work within the scheduled time, the contractor shall be debarred from participating in future tender of the Institute as per the respective clause of the Manual for Procurement of Works.
15. **LIQUIDATED DAMAGES:** - The successful bidder must start the work within 7 days of issuance of Letter of Commencement of work and complete the work within the time frame as stipulated by the AIIMS Bathinda, failing which, AIIMS Bathinda will recover Compensation for Delay of work @ .5 % per week or part of the week of delayed of the total amount of work (accepted Tendered Value of work) which may be recovered from bill/Performance Security/Security Deposit of the contractor. The total amount of compensation for delay to be paid under this condition shall not exceed 5 % (Five percent) of the Accepted tendered value of work. The said work can also be executed under the Risk and Cost of the Contractor with prior intimation of 15 days based upon the performance of the contractor.

- 16. STATUTORY DEDUCTIONS:** - All the statutory deductions towards GST/Income Tax etc. shall be made from the bill/s as applicable as per the prevailing rates under the rules. TDS as applicable will be deducted from each bill of the contractor under the statutory rules of the Union Govt., in respect of Income Tax and other taxes. No claim on account of any other statutory charges for execution of work awarded under this contract will be entertained by AIIMS Bathinda and such charges should be paid by the contractor himself.
- 17. INDEMNIFICATION:** - AIIMS Bathinda shall have no liability whatsoever towards the persons deployed by the contractor for the subject of work. The contractor shall keep AIIMS Bathinda indemnified against all losses/damages/liabilities/claims arising out of deployment of the contractor's workers during the period of the contract. Any claim which may arise during the currency of the contract or at any subsequent point of time shall be the sole responsibility of the contractor and AIIMS Bathinda shall in no way be held responsible for it.
- 18. LIABILITY AGAINST LOSS OR DAMAGE TO LIFE OR PROPERTY:** - The contractor shall be liable to pay AIIMS Bathinda for any loss/damage caused because of theft/pilferage of any property of AIIMS Bathinda from the premises where the staffs of the contractor have been deployed, provided such loss/damage is due to the negligence of the contractor or its deployed manpower which shall be deducted from Security deposit/Performance Guarantee if not paid. The contractor shall also be liable for the consequences of any incident of major/minor injury or accident or death caused to any of its worker arising out of or in the course of his employment under the scope of the contract. AIIMS Bathinda shall not be responsible for any injury or loss of life in respect of the contractor that may take place while on work. Any compensation or expenditure towards treatment for such injury or loss of life shall be the sole responsibility of the contractor. The contractor shall be solely responsible for any damage, injury or accident that may occur to any of his personnel working under his contract. No claim whatsoever arises to AIIMS Bathinda.

Sd/-  
Executive Engineer (Civil),  
AIIMS Bathinda

**Check List**

<b>S. No.</b>	<b>Particulars</b>	<b>Whether attached</b>	<b>Remarks</b>
1	GST certificate	YES / NO	
2	PAN Card	YES / NO	
3	Non-Blacklisting Undertaking on letter head	YES / NO	
4	All the documents mentioned above and the quotation document has been signed & stamped	YES /NO	

### **Technical Specification**

<b>Particulars</b>	<b>Description</b>
Make	Wilo, Kirloskar, Crompton, Suzler, Lubi, Havells & any other ISI approved brand with prior approval of the AIIMS Bathinda.
System Type	Fixed Speed Hydropneumatics System
Configuration	1 Duty + 1 Standby Pump
Rated Flow (per pump)	5-10 m <sup>3</sup> /hr
Rated Head	30-50 meters
Motor Efficiency	IE3 Energy-Efficient Motor
Header Material	Stainless steel or of any material with equivalent durability/strength
Pressure Vessel	100-150 Liter Capacity
Control Panel	100% Automatic Fixed Speed Panel (Electro-Mechanical Relays, Contactors, Protection Devices, Auto Duty–Standby Changeover)
Operating Mode	Automatic ON/OFF via Pressure Switch
Application	Continuous Pressure Boosting for Healthcare Facility

#### **System Description & Operation Working Principle:**

- The Pumps shall be controlled by pressure switches connected to a hydropneumatics pressure vessel (100 Ltr).
- When line pressure falls below the set cut-in pressure, the duty pump starts automatically.
- Once the required cut-out pressure is achieved, the pump switches off automatically.
- If the duty pump fails or requires maintenance, the standby pump starts automatically to ensure uninterrupted service.
- The panel shall be designed with an auto duty–standby changeover logic so that both pumps share operational load over time, thereby extending pump life.

#### **Key Technical Features:**

- Fully automatic operation with electro-mechanical protection system (Overload, Dry-Run, Short Circuit).
- No dependency on complex PLC or VFD—ensures rugged reliability and ease of maintenance.
- Pressure vessel shall minimize frequent pump starts, reduces electrical/mechanical stress, and increases pump service life.
- Designed for round-the-clock continuous operation, ideally suited for critical healthcare facilities.

#### **Warranty & Service Support**

- Warranty: 12-18 months from commissioning.

**BoQ for Supply, Installation, Testing and Commissioning of Fixed Speed hydropneumatic Pressure Boosting System.**

S.No.	Description	Quantity	Rate	Amount
1	Supply, Installation, Testing and Commissioning of Fixed Speed hydropneumatic Pressure Boosting System for water supply with automatic fixed speed panel ( Electro - Mechanical Relays, Contractor, Auto duty standby change over and protection device). Rated flow- 5m3/hr - 10 m3/hr, head 30m - 50m with energy efficient motor( Detailed technical specification is attached with quotation document) & the this item shall conform to the attached techncial specification	1		
<b>Total</b>				
<b>GST</b>				
<b>Grand Total</b>				
<b>NOTE: The rates shall inclusive of supply of the material and transportation charges</b>				