



**TENDER NOTIFICATION**

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or bonafide licensed manufacturer or their authorised local supplier/dealer/distributor in the state of Karnataka for the **Procurement of Electromagnetic water flow meter and Dosing pump for STP at AIMS** as per section I & II.

1	Name of the work	<b>Procurement of Electromagnetic water flow meter and Dosing pump for STP at Adichunchanagiri Institute of Medical Sciences, B.G. Nagara</b>
2	Last date for tender submission	On or Before 29.05.2024 up to 05:00 PM

**SECTION -I**

**Instruction to Tenderers**

1. The Tenderer shall send quotes in **2 bid formats (Technical and Financial bids sealed separately inside the main envelope for any or all list of items)** on professional business letterheads. The inner and outer sealed cover must bear the following identification
  1. Tender for .....[name of service | Contract]
  2. Tender Reference No.....[insert number]
  3. Address to “The Registrar, Adichunchanagiri University, B.G. Nagara -571448, Nagamangala (T), Mandya (D)”
  4. The tenderer who prefers to submit the tender through Post can dispatch the same through Registered Post / Speed Post or Courier so as to reach the above address on or before the due date and time specified in the Tender Notice. Tenders received after the due date and time, for what so ever reasons will not be considered and the authority, ACU BG-Nagara will not be liable or responsible for the same.
2. **Tender Currency:** Prices shall be quoted in Indian Rupees Only
3. **AMC/CMC (If any)** is subject to the Adichunchanagiri University’s norms.
4. **Warranty:** As per the Standard.
5. **Amendment of Tender Documents:** At any time prior to the deadline for submission of tenders, the University may, for any reason, whether at its own initiative or otherwise, modify the tender documents by amendment. Adichunchanagiri University reserves all the rights to accept, reject, incorporate changes and re-tender without giving any reasons.
6. **Documents Comprising the Tender:** Shall attach Brochure, Certification of the product, Bank/account details, PAN, GSTIN, Good Standing Certificate and 02 Years of ITR declaration inside the envelope and company contact details with email ID on the main envelope cover for further correspondence.
7. **Tender Prices:** Prices indicated on the Price Schedule shall be entered separately I.e. the price of the goods, quoted (ex-works, ex-factory, ex-showroom, ex-warehouse, or off-the-shelf, as applicable), including all duties and sales and other taxes already paid or payable. Any Indian



- duties, sales and other taxes which will be payable on the goods if this Contract is awarded. Conditional tenders will not be considered.
8. **Validity of the Bid:** 90 Days from the last date of submission of bid
9. **Corrupt or Fraudulent practices:** The Adichunchanagiri University requires that the Tenderers, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy:
1. will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
  2. will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a university contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University contract.
10. **Process to be confidential:** Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.
11. **Clarification of Tenders:** To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted except as required to confirm the correction of arithmetic errors discovered by the Employer in the evaluation of the tenders.
12. **Delivery:** The successful BIDDER should commence the services as per tender document/Work or Purchase Order. For any queries/ assistance, please write to registrar@acu.edu.in or telephone to purchase section +91- 7406907357.
13. **Penalty Clause:** Non-execution of supply order - For the reasons of failure to supply partially or completely within the stipulated time or any event of breach of contract. In case at any following stages
1. For the delayed supply (3 days of grace period) - 5% deduction
  2. Quantity issues - 5% deduction
  3. Quality issues - 10% deduction

## **SECTION -II** **Technical Specification**

### **I. Dosing Pump Details:-**

**Pump Make: CFSFC**

#### **1. Application : Coagulant Dosing System**



Type: Electromechanical, Diaphragm Type with Foot Valve, Dosing Valve & Tubing 3 metres.

Capacity: 50 LPH

Qty: 2 No's (1W+1S) with 100 Lts HDPE / LDPE Tank

Design Capacity: 93 LPH @ 0 kg/cm<sup>2</sup>

Working Capacity: 69 LPH @ 10 kg/cm<sup>2</sup>

Max Pressure: 10 kg/cm<sup>2</sup>

MOC of Dosing Head: PP

Power: 415V, 0.5 HP, 3 Phase

## 2. Application : Chlorine Dosing System

Type: Electromechanical, Diaphragm Type with Foot Valve, Dosing Valve & Tubing 3 meters.

Capacity: 50 LPH

Qty: 2 No's (1W+1S) with 100 Lts HDPE / LDPE Tank

Design Capacity: 93 LPH @ 0 kg/cm<sup>2</sup>

Working Capacity: 69 LPH @ 10 kg/cm<sup>2</sup>

Max Pressure: 10 kg/cm<sup>2</sup>

MOC of Dosing Head: PP

Power: 415V, 0.5 HP, 3 Phase

## II. Electromagnetic Type Flow Meter (Full Bore Type Electromagnetic Flow Meter):-

**Application:** Raw Water – 2 Inches – 1 NO

Treated Water – 2.5 Inches – 1 NO

**Media :** Conductive Liquids & slurries

**Calibration Range** : As per customer requirement

**Display** : 16X2 Alphanumeric LCD, 6 digits for flow rate & 9 digits for totalizer

**Power Supply** : 1) 90-260VAC, 50Hz 2) 24V DC

**Power Consumption** : Less than 10VA

**Response Time** : 2Sec.

**Accuracy** : +/-0.5% of full scale

**Linearity** : +/-0.5% of full scale

**Isolation** : 1.4KV between output & Power supply



**Output** : 1) Retransmission Output: 4-20mADC, 2) Communication Output: RS485

**Flow Direction** : 1) Forward 2) Reverse

**Temperature** : 1) Ambient: 0 to 550 C2) Storage: 0 to 550 C

**Relative Humidity** : 10-95% RH, non-condensing

**Mounting** : In Line - Horizontal / Vertical

**Transmitter Enclosure:** Aluminium Die cast

**Protection Class** : IP66/IP68

**Flow Sensor Specifications:** Line Size : 15NB to 200NB

**Material of Construction** :

**Coil housing** : MS / SS

**Electrode** : SS 316 / Hastelloy C / Platinum

**Flange** : PN 16

**Lining** : Rubber / PTFE Mechanical Connections : Flange / SMS union / Threaded / Tri clover

**Media conductivity** : > 20  $\mu$ s/cm

**Limit flow velocities of measured liquid** : 6 m/s Viscosity : 200cp (max.)

**Direction of Flow** : Direction of Arrow on Meter

**Protection class** : IP68

**Process Temperature** : 1) 0 to 85° C (For Rubber Lining) 20 to 120° C (For PTFE Lining)

**Operating Pressure** : 0 to 10Kg/cm<sup>2</sup>

**Head of Procurement**  
**Adichunchanagiri University**  
**B G Nagara -571448**