



TENDER NOTIFICATION

The Adichunchanagiri University invites **closed tenders** from eligible tenderers or bonafide licensed service providers in the state of Karnataka for the *operation and maintenance of 750 KLD STP* as per section I & II.

1	Name of the work	Providing operation and maintenance of 750 KLD STP at the University premises, BG Nagara.
2	Last date for tender submission	On or Before 23-03-2023 up to 05:00 PM

Sl. No.	Name of the work Particulars	Capacity
1.	Operation and Maintenance of Sewage Treatment Plant	750 KLD

SECTION -I

Instruction to Tenderers

- 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.
- **Tender Currency:** Prices shall be quoted in Indian Rupees Only
- **AMC/CMC** is subject to the Adichunchanagiri University's norms.
- **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.

- **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.
- **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.
- **Validity of the Bid:** 90 Days from the last date of submission of bid
- **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.
- **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.
- **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.
- **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 -98458 35834



SECTION -II

A) ACTIVITIES ON OPERATION & MAINTENANCE:

1. Operating of STP plant on two shift basis — 24 hours / 12 months and its maintenance.
2. Plant will be working all days including holidays.
3. One Supervisor shall visit the plant site twice in a month for monitoring and co-ordination with the concerned Engineer from AIMS & AHRC.
4. Daily operation records in form of Log sheets and Attendance Register shall be maintained.
5. Monitoring the available stock of consumables.
6. Attending the break down works within 24hr to 48 Hrs.
7. Submission of inspection report, Supervisory Check List regarding equipment's, plants operations, Attendance, Consumable Stock List to be submitted along with the monthly bill/invoice
8. Service report to be provided for any equipment repairs/service

B) MAN POWER DEPLOYMENT:

1. Two operator per day shift of 12hours
2. Site in charge person or Technical staff visiting the site for 2 days in a month.

CHECK LIST OF ACTIVITIES FOR OPERATORS:

1. Bar screen shall be cleaned once in a day.
2. Pumps and blowers (running or standby) are operated regularly.
3. Checking of oil level in blower regularly and greasing to be done regularly.
4. Removing of blockage and clogging of the pump suction line whenever required.
5. Arresting the leakage if any in the piping.
6. Dual Media filter backwash as per the pressure differential.
7. Checking chlorine solution & PAC Solution and see the required dosage in dosing pumps
8. Checking the inlet sewage flow rate at raw effluent pump outlet & filtered water flow rate at Dual media filter outlet to be monitored on regular basis in flow meter and



meter reading to be mentioned in the log book on daily basis

9. Checking air circulation in the Equalization tank, MBBR tanks, Flocculation tank and Pre filter tank / Clarified water tank
10. Periodic transferring of excess sludge to sludge holding tanks
11. Operation of de slugger whenever required for dewatering of accumulated sludge from the sludge holding tank.
12. Keep the plant areas neat and clean, removing the cobwebs on wall, floor and ceilings sweeping and mopping of plant room floor every day,

Note: Cleaning outside the STP area like Grass, Vegetation and creeps etc will be in Client Scope

13. Recording of daily input and output off in all treated water

CHECK LIST OF ACTIVITIES FOR SUPERVISOR:

1. Checking of working condition of all pumps, motors and air blowers and other equipment
2. Checking of working condition of electrical equipment.
3. Verification of daily log sheet.
4. Coordinating with the plant in-charge / Engineer of the Management for any statutory requirement.
5. Reporting to concerned section of the department regarding improvement/Deficiency in STP Operation.

SPECIAL INSTRUCTIONS TO TENDERERS

1. The raw sewage to be treated will be by gravity flow into the equalization tank.
2. The intending bidders are advised to visit the plant site at once and get acquainted with the specialized moving bed bioreactor technology pertaining to this tender before submitting the tender.
3. Bidders having sufficient experience in operation & maintenance of moving bed bio-reactor technology system only are allowed to participate in this tendered
4. Operate and maintain the system for One years from the date of accepting the system and collecting samples and getting it tested once in a month in reputed NABL accredited laboratories and furnishing test reports along with Monthly invoice. The necessary testing charges are deemed to be included in the quoted price.



5. Successful bidders shall deploy qualified, experienced personnel for day today supervision of work and coordinating with department officials and other working personnel in the premises,
6. It shall be the responsibility of successful bidder to ensure compliance of all parameters as per the acceptable norms prescribed by the authority concerned like Karnataka State Pollution Control Board and handover the plant after satisfactory completion of maintenance period.
7. Supply of consumables as and when required for better operation of STP will be in Client scope.
8. All spares and outside repair / workshop charges will be payable by Owner extra after obtaining prior approvals. Proof of actual cost for repairs including transportation, labor, and removal & refitting charges with 15% OHP plus Taxes shall be paid to the vendor.
9. Applicable taxes and duties and all incidental expenses that may be required for satisfactory operation and maintenance of plant till expiry of contract period including extension if any.
10. The quoted lump sum price shall remain firm throughout the contract period of operation period of 12 months.
11. In case of any maintenance/cleaning of filters, the agency/vendor need take provide quote and approvals and purchase order for the works before commencing the works
12. The tenders are advised to get acquainted with the site conditions, security arrangements, safety procedures and other relevant matters pertaining to this tender.

SL No	Name of The Equipment	Qty
1	Bar Screen	1 Set
2	Raw Effluent Pumps	2 No's
3	Air Blowers	2 No's
4	Coagulant Dosing Pump	2 No's
5	Filter Feed Pump	2 No's
6	Automatic Disc Filter	1 No
7	Dual Media Filter	1 No
8	Sludge feed Pump	2 No's
9	Centrifugal De sludger	1 No
10	Inlet Water Meter	1 No
11	Outlet Water Meter	1 No
12	MCC Panel	1 No



Maintenance to be carried out on Pumps.

Periodical Maintenance:

1. Foundation bolts and nuts checking and tightening if required.
2. Inspection of coupling bolts and nuts and checking the alignment if required.
3. Inspection of any vibration or abnormal noise from the equipment,
4. Greasing/oiling the bearings when there is abnormal noise and if required bearings are to be replaced after approval of price from client
5. Inspection of any leakages from the mechanical seal or gland packing and tightening the same if required.
6. If leakage level is found to be more than replacement of the mechanical seal/gland packing shall be carried out after approval of price from client

NOTE: All the spares and consumables required for the above equipment to keep the pumps in good working condition will be quoted separately by the vendor whenever required.

MAINTENANCE WORK TO BE CARRIED OUT ON AIR BLOWERS

1. Similar maintenance is to be carried out as narrated for the pumps. In addition to this, the following are to be carried out,
2. Periodically the 'V' belt tension is to be checked up and tighten the belts tension. If required the 'V' belts are to be replaced after approval of price from client with proper alignment with the motor,
3. The level of oil is to be maintained at all the time and if required the oil to be replaced completely.
4. If required, the air blower is to be disconnected from the motor and the air blower is to be completely over hauled and fix the blower with motor by replacing any worn-out parts.


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