

**SHIVAJI UNIVERSITY, KOLHAPUR**  
**(1<sup>st</sup> Extension)**

Proposals are invited from interested experienced parties, for repair, maintenance and commissioning of existing Bio-Gas plants at Department of Technology and Vidhyarthi Bhavan in Shivaji University campus by the Registrar, Shivaji University, Kolhapur. Relevant information and terms and conditions are available on University's web-site [www.unishivaji.ac.in](http://www.unishivaji.ac.in) at (Other Quotation / Tenders List). Interested parties who are willing to comply with the terms and conditions published should submit offline proposals in Inward Section, Shivaji University, Kolhapur. **Last date of proposal submission is 08/06/2026 upto 05:30 pm.**

**Note:-** Right to accept or reject any or all the tenders is reserved by the University without assigning any reason.

Su/Engg/Civil

**Dr. V. N. Shinde**

Date:-03/06/2026

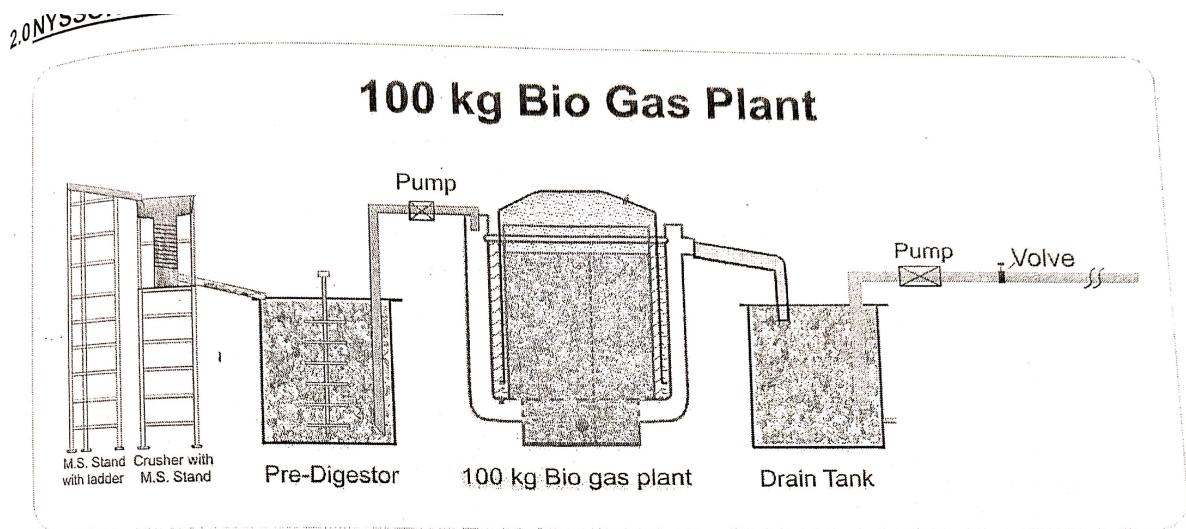
Registrar

# SHIVAJI UNIVERSITY KOLHAPUR

**Name of work :-Refurbishment of existing 100 kg. Capacity bio-gas plant installed at the hostel of Department of Technology, Shivaji University, Kolhapur**

**Project Background :-** Shivaji University has setup “Nysson” make 100 kg Bio-Gas plant in year 2019 with,

1. Floating dome system with size 6.50 feet diameter x maximum telescopic 15 feet height with water jacket, pre digester tank, drain tank with stands, digester collector system, 2 commercial burner, gas pipe, water pipe and cow dung as required.
2. Crusher for chopping food waste with M.S. stand and stainless steel tray - moter 1 HP capacity.
3. Mud pump unit for feeding chopped material for per digester in inlet pipe - moter 1/2 HP capacity.
4. Mud pump unit for feeding slurry from drain tank - moter 1/2 HP capacity.



The plant is currently not in fully operation and needs major refurbishment & upgradation work to bring it again in operation. The biogas generated from the biogas plant was used for the cooking in the mess of Hostel of Department of Technology.

## **General Rules and Directions for the Guidance of Bidder.**

1. Shivaji University, Kolhapur, (Owner), invites competitive bids for Refurbishment & Upgradation of existing 100 kg. capacity bio-gas plant installed at the hostel of Department of Technology, through its portal ([www.unishivaji.ac.in](http://www.unishivaji.ac.in)) at (Other Quotation / Tenders List). You are invited to submit your offline proposal as two bids in two-part (Techno-Commercial and Price Bid) for the above work on the terms and conditions contained in this tender document.
2. Earnest Money Deposit (EMD) - Bidders are required to submit EMD of Rs.10,000/- for the bid. EMD should be paid by <http://paysuk.unishivaji.ac.in/BWaysReceipt/auth/login/simple> to Finance and Account Officer, Shivaji University, Kolhapur submitted online. The hard copy of the receipt should be submitted through envelope no. 1 alongwith technical bid.
3. All the document associated with Techno-commercial bid and price bid shall form the part of the tender. The interested parties are requested to download the tender documents published on above mentioned website and has to submit the hardcopy of tender duly filled and signed by the authorized person in Inward Outward Section, Room no. 138, Main Administrative Building, Shivaji University, Kolhapur – 416 004 within the prescribed time limit mentioned in the tender notice. Offers should strictly be in accordance with the tender terms & conditions and correct specification. Bidders are requested to carefully study all the document / annexures and understand the conditions, specifications & drawings, before quoting the rates and submitting this tender.
4. Your offline bid should be submitted on or before the due date of this tender. Bids not in the prescribed format are liable to be rejected. Shivaji University, Kolhapur does not take any responsibility for any delay in submission of tenders due to connectivity problem or non-availability of site and/or other

documents/instruments to be submitted in physical form due to postal delay. No claims on this account shall be entertained.

5. If Shivaji University, Kolhapur is unable to evaluate any offer for want of information, such offer will not be considered.
6. Shivaji University, Kolhapur reserves the right to accept any offer in whole or part or reject any or all offers without assigning any reason.
7. Shivaji University, Kolhapur reserves the right to change the Scope and the quantity (increase/ decrease) tendered.
8. Shivaji University, Kolhapur decision on any matter regarding short listing of Vendors shall be final and any applicant shall not enter any correspondence with Shivaji University, Kolhapur unless asked for.
9. Price bid of only those bidders shall be opened whose Techno-Commercial bid is found to be acceptable to Shivaji University, Kolhapur.
10. Corrigendum/amendment, if any, shall be notified on the site ([www.unishivaji.ac.in](http://www.unishivaji.ac.in) at (Other Quotation / Tenders List).

**1. Technical bid should contain,**

- a. Detailed broacher of the Company / Proprietary firm / partnership firm / organization including other details as asked.
- b. G.S.T. Registration and Pan card copy is mandatory.
- c. Vendor agrees to comply with the applicable legal requirements related to the Occupational Safety and Health.
- d. Clientele list and work done list.
- e. Performance Certificates from clients.
- f. Self-declaration of Service Provider stating that, Company / Proprietary firm / partnership firm / organization is never black listed before.

**It is only when the information about the Company / Proprietary firm / partnership firm / organization in technical bid is found satisfactory; the commercial bid will be opened.**

**2. Commercial bid should contain the rate quoted by the bidder.**

While the above procedures lay down the overall guidelines, University reserves the right to select the contractor based on other parameters at its own discretion. Right to accept or reject any or all the tenders is reserved by the University without assigning any reason.

- 3. Site Visit / Inspection** - The bidder is advised to visit and examine the site of works and its surroundings and obtain for itself all information necessary for preparing the bid. A site visit shall be conducted on working days and during office hours.

**Contact Person: [Shri. Shashikant Salunkhe, Sanitary Inspector, 0231-2609125, 8275377603]**

**Scope of Site Visit**

The bidder shall:

Inspect existing biogas plant condition (digester, dome, pipelines)

Assess sludge accumulation and cleaning requirements

Examine utilities such as water supply, drainage, and electricity

Evaluate site access, working space, and storage arrangements

Identify safety risks (gas leakage, confined space hazards)

No claim shall be entertained later due to lack of site knowledge

**3. Time of Completion**

Total time for completion: 60 days from date of work order

(Includes refurbishment, testing, and commissioning)

**4. Special condition of Contract :**

**A) Scope of Work:**

1. The contractor shall carry out complete refurbishment, repair, upgradation, testing, and commissioning of the existing biogas plant to restore and improve its performance and efficiency. The work shall include all materials, labour, tools, and equipment required for successful execution.

2. Detailed Inspection & Condition Assessment Conduct a thorough inspection of the entire biogas plant system.
3. Cleaning and removal of accumulated sludge, scum, and debris from digester. Repair of cracks using suitable waterproofing compounds. Plastering and waterproofing of digester and chambers. Repair/reconstruction of inlet and outlet chambers. Repair or replacement of dome/floating drum as required. Any structural strengthening, if found necessary.
4. Overhauling, repair, or replacement of gas holder. Replacement of corroded/damaged mechanical components. Servicing or replacement of agitators, mixers, and feeding mechanisms (if applicable).
5. Repair of slurry handling system.
6. Gas Pipeline System - Inspection and replacement of damaged gas pipelines. Installation/replacement of valves, pressure regulators, and fittings. Leak detection and rectification of the entire gas system. Provision/repair of condensate traps and safety devices.
7. Electrical Works (if applicable) - Checking, repair, or replacement of motors, pumps, and control panels. Replacement of faulty wiring and electrical accessories. Proper earthing and safety compliance.
8. Upgradation & Improvement Works - Minor modifications for better performance.
9. Testing & Commissioning - Hydrostatic and leak testing of digester and pipelines. Trial run of plant with feeding material. Performance testing to ensure satisfactory gas production. Stabilization of plant operation before handing over.
10. Trial Run & Performance Guarantee - The contractor shall operate and maintain the plant for a minimum period of 60 days (2 months) after commissioning. The plant must demonstrate consistent and satisfactory biogas generation during this period. Any defects observed during trial shall be rectified by the contractor at no extra cost.
11. Provide designated staff for operation and maintenance during trial period.
12. Safety & Environmental Compliance - Ensure complete safety during execution and operation.  
No gas leakage or hazardous conditions shall exist. Proper disposal of sludge and waste materials, Compliance with all applicable environmental norms and regulations.
13. Completion & Handover - The work shall be considered complete only after:
  - Successful commissioning
  - Completion of trial run
  - Submission of all documents
  - Approval by the competent authority.

**B) Water Supply:**

The water required for the work shall be supplied, free of cost by the University.

**C) Electrical Energy:**

Electrical Energy will be supplied free of cost by the University.

**D) Tools, Plants and Machinery:**

All tools and plants required for the work shall be brought by the contractor to the site at his own cost.

**E) Experience:**

The Service Provider should have an ability to satisfy University's requirements and should have an experience of at least 2 to 4 similar kind of work in any Government Organization, Public Sector undertaking or Private Sector. The offer should accompany the proof for the same in terms of supporting documents like order copies, past experience and past performance supporting documents clearly mentioning the name of employer, order value with Satisfactory completion certificate issued by the earlier employer for establishing the credibility of the Service Provider.

## 5. Terms of Payment:

### Payment, Performance & Trial Run Clause

1. Notwithstanding anything contained elsewhere in the contract, **no payment shall be released** to the contractor until successful installation, testing, commissioning, and completion of the trial run of the biogas plant as specified herein.
2. **Installation & Commissioning**  
The contractor shall complete installation and commissioning of the biogas plant in all respects, including integration with all allied systems, to the satisfaction of the **Sanitary Inspector / competent authority**.
3. **Mandatory Trial Run**  
After commissioning, the contractor shall operate the plant for a **continuous trial period of two (02) months** under actual working conditions.
4. **Performance Parameters**  
The plant shall meet the specified performance criteria including (but not limited to):
  - Minimum biogas generation capacity
  - Stable and continuous operation
  - Compliance with safety and environmental norms
5. **Performance Certification**  
The trial run shall be deemed successful only upon issuance of a **written Performance Certificate** by the **Sanitary Inspector / competent authority**.
6. **Final Payment Condition**  
**100% payment shall be released only after:**
  - Successful installation and commissioning
  - Completion of the 2-month trial run
  - Issuance of Performance Certificate
  - Submission of operation manuals, drawings, test reports, and handover documents
7. **Penalty for Delay (Liquidated Damages)**  
In case of delay in commissioning or failure to complete the trial run within the stipulated time, **Liquidated Damages (LD)** shall be imposed at the rate of **0.5% of contract value per week**, subject to a maximum of **10% of the total contract value**.
8. **Failure & Rectification Clause**  
If the plant fails to achieve required performance during the trial run:
  - The contractor shall rectify defects at their own cost
  - The trial period shall restart or extend until satisfactory performance is achieved
  - No additional payment shall be made for such rectification or extended trial
9. **Risk & Cost Clause.**  
In case of repeated failure or non-performance, the employer reserves the right to get the work completed through alternative means **at the risk and cost of the contractor**, and recover the same from pending dues or security deposit.

**Security Deposit/Retention (Optional but Recommended)** The employer may retain **5–10% of contract value** as Security Deposit, which shall be released only after successful completion of trial run and defect liability period, if applicable.

## 6. Compliance with Laws :

By acceptance of this agreement, the Vendor agrees to comply with the requirements of all the existing labour laws and the rules made thereunder for the time being in force, occupational safety, insurance, health and all other applicable laws relating to payment to its deployed personnel, ordinances, regulations and codes in the Vendor's performance hereunder. The Vendor further agrees to indemnify and hold the University and its stakeholders harmless from any loss or damage that may be sustained by the university, by reason of the Vendor's failure to comply with any laws, ordinances, regulations and codes.

7. "This Agreement shall be governed by and construed in accordance with the laws of India. The courts at Kolhapur shall have exclusive jurisdiction over all disputes arising out of or in connection with this Agreement."

I/We have read all the enclosed Terms and Conditions carefully and ready to accept and according to that I/We are submitting herewith the tender.

**Seal and Signature of the Service Providers**



**SHIVAJI UNIVERSITY, KOLHAPUR**  
**Schedule – B**

**Name of work :-Refurbishment of existing 100 kg. Capacity bio-gas plant installed at the hostel of Department of Technology, Shivaji University, Kolhapur.**

No.	Description of Item	Rate to be quoted by contractor for complete work including material, labour, with successful trial and all applicable taxes etc. complete.
1	Refurbishment of existing 100 kg. Capacity bio-gas plant installed at the hostel of Department of Technology, Shivaji University, Kolhapur as per scope of work.	
<b>Total Rate in World - -----</b>		

1. The contractor should first visit the biogas site, get all the information confirm the same & quote the offer.

**I/We have studied the Schedules and all clauses and conditions of the contract. The work site is also inspected and studied by me /us. I/We the undersigned am/are ready to provide work of refurbishment of existing bio gas plant as per Schedule with accepting the terms and conditions which are enclosed with this and quote for the same.**

Dy. Registrar (Civil)  
Shivaji University Kolhapur

Contractor sign & seal  
Name –  
Adders -