



A Govt. of Kerala Undertaking

MEAT PRODUCTS OF INDIA LTD

Vilakkupara .P.O, Yeroor, Kollam Dist., Kerala

Pin: 691312

www.meatproductsindia.in, E-mail: mpiyeroor@gmail.com

**TENDER DOCUMENT FOR THE SUPPLY, INSTALLATION &
COMMISSIONING OF GASIFIER SYSTEM TO THE VALUE ADDED
PROCESSED MEAT PRODUCTION PLANT AT YEROOR, KOLLAM
DIST.**

TENDER NO.MPI/YR-PLANT/2026/19

DATED 23.02.2026

Tender document issued to M/s

Cost of tender document deposit

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Signature of Tenderer with seal

BRIEF TENDER NOTIFICATION

Tender Number and Name : MPI/YR-PLANT/2026/19 DATED
23.02.2026

**SUPPLY, INSTALLATION &
COMMISSIONING OF
GASIFIER SYSTEM TO THE
VALUE ADDED PROCESSED
MEAT PRODUCTION PLANT
AT YEROOR, KOLLAM DIST.**

Earnest Money Deposit : Rs.4250/-

Cost of Tender Form – Original : Rs.1400/- plus GST

Downloading Tender Form : 23.02.2026 to 02.03.2026

Last date and time of receipt of Bid : 02.30pm. on 02.03.2026

Office where the tender should be
Submitted : Meat Products of India Ltd.
Vilakkupara .P.O, Yeroor,
Kollam Dist.

Date and time of opening of Bid : 3.00 P.M. on 02.03.2026

Period of Completion : 25 Days from the date of issuing
of Work Order

Place : Vilakkupara

Date 23.02.2026

Sd/-
MANAGING DIRECTOR

Signature of Tenderer with seal

TENDER NOTIFICATION

TENDER FOR THE SUPPLY, INSTALLATION & COMMISSIONING OF GASIFIER SYSTEM TO THE VALUE ADDED PROCESSED MEAT PRODUCTION PLANT AT YEROOR, KOLLAM DIST.

Meat Products of India Ltd (MPI) invites sealed competitive bids in Single bid system from the Contractors/Agencies experienced in the field of manufacturing/supplying of Gasifiers.

Interest bidder/bidders may obtain further information at MPI campus Vilakkupara, Yeroor, Kollam Dist. The tender document may be downloaded from the official website: www.meatproductsindia.in.

1. Sealed Competitive Tenders are invited from REPUTED CONTRACTORS/AGENCIES having sufficient experience and sound Technical and Financial Capability for carrying out the Supply and Installation of Gasifier to the Value added processed meat production plant at Yeroor in accordance with enclosed scope of works and other terms and conditions specified here under.
2. Tenderer should furnish an Earnest Money Deposit of Rs.4250/- as specified in Tender Document. Any tender which is not accompanied by the E.M.D. shall be summarily rejected. The EMD can be deposited as cash in cash Counter/DD drawn in favour of the Managing Director, Meat Products of India Ltd., payable at Koothattukulam.
3. The company reserves the right to abandon the tender either partly or wholly and, in that event, invites fresh tenders for the same.

Signature of Tenderer with seal

4. Sealed tenders sent by post should also reach the office of Meat Products of India Ltd., Vilakkupara .P.O, Yeroor, Kollam Dist before the time specified. The tenders received both in person and by post after the time may be rejected. If the tender date happened to be declared as a holiday, the tender date will be the next working day.
5. Tender forms can be downloaded from our website www.meatproductsindia.in. Those who are downloading from the website should also remit the cost of tender form, can also be deposited as cash in cash Counter/DD drawn in favour of the Managing Director, Meat Products of India Ltd., payable at Koothattukulam.
6. The Bidder/Bidders should have adequate financial capabilities to undertake such project.

Place : Vilakkupara

Date : 23.02.2026

Sd/-

MANAGING DIRECTOR.

Signature of Tenderer with seal

LETTER TENDERING THE WORK

From ,

To,
The Managing Director
MEAT PRODUCTS OF INDIA LTD.
Vilakkupara, Vilakkupara .P.O, Yeroor, Kollam Dist.,
Kerala, Pin: 691312
E-mail: mpiyeroor@gmail.com

Sir,

Sub: **Supply, Installation & Commissioning of Gasifier system to the Value Added Processed Meat Production Plant at Yeroor**

Ref: Your Tender Notification.

1. I/We do here by tender to execute the works enumerated in accordance with the terms and conditions in your Tender form.
2. I/We further agree to take the **Supply, Installation & Commissioning of Gasifier System to the Value Added Processed Meat Production Plant at Yeroor.**
3. I/We agree to keep the tender open for acceptance for 3 months from the date of submission thereof and not to make any modifications in the terms and conditions which are not acceptable to M/s. MEAT PRODUCTS OF INDIA LTD
4. Rs.4250/- of EMD is herewith enclosed as Bank Draft on a scheduled bank in favor MEAT PRODUCTS OF INDIA LTD payable at Koothattukulam, Ernakulam (Dist.) as earnest money.

Signature of Tenderer with seal

If after the tender is accepted, I/We fail to execute the agreement as provided in the tender conditions or to commence the execution of the work as provided in the conditions, I/We agree that M/s. MEAT PRODUCTS OF INDIA LTD shall, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely.

Signature of Tenderer

Full Name

Address

Date of Submission

Signature of Tenderer with seal

SCOPE OF WORK AND TECHNICAL SPECIFICATIONS

Scope of Work: Supply, Installation and Commissioning of a 50kg/hr Waste Gasifier System to the Value Added Processed Meat Production Plant at Vilakkupara .P.O, Yeroor, Kollam Dist.

1. Project Objective

The objective of this tender is to procure a high-efficiency gasification system for the disposal of mixed factory waste (degradable and non-degradable) generated at the **MPI** facility. The contractor is responsible for the complete design, fabrication, supply, site installation, and performance testing of the unit.

2. Mandatory Technical Specifications

The system must adhere to the following technical parameters. Bidders must confirm compliance for each point:

- **Processing Capacity:** Minimum 50 kg/hr of mixed factory waste.
- **Feedstock Compatibility:** Designed to process both organic (degradable) and inorganic (non-degradable) factory waste.
- **Operating Temperature:** The system must maintain a stable gasification temperature up to **1200°C**.
- **Blower System:** 0.5 HP centrifugal blower for regulated air supply, including all necessary ducting and control valves.
- **Burning Chamber Construction: Outer Shell:** Heavy-duty Mild Steel (MS) chamber with anti-corrosive coating.
 - **Refractory Lining:** 50cm thick high-density cement/coltar/refractory castable insulation.
 - **Thermal Resistance:** The lining must be rated to withstand constant exposure to 1200°C without structural degradation.
- **Structural Dimensions:** The total height of the Gasifier unit must be exactly **two (2) times** the height of the internal burning chamber to ensure proper syngas residence time and draft.

3. Performance Guarantee and Warranty

- **Burning Chamber Guarantee:** The contractor shall provide a comprehensive **1-year guarantee** for the burning chamber, specifically covering the MS shell integrity and the 50cm refractory lining against cracking, spalling, or thermal failure.
- **System Warranty:** A minimum of 6 months comprehensive warranty for the blower, electrical components and moving parts from the date of commissioning.

4. Scope of Services

The successful bidder shall be responsible for:

1. **Site Preparation:** Guidance on the foundation and space requirements within the MPI plant.
2. **Installation:** Complete mechanical and electrical assembly of the gasifier and 0.5 HP blower system.
3. **Commissioning:** Demonstrating the rated capacity (50 kg/hr) using actual factory waste over a continuous 24-hour trial period.
4. **Documentation:** Supply of two (2) sets of Operation & Maintenance (O&M) manuals and "As-Built" drawings.
5. **Training:** Hands-on training for MPI technical staff regarding feeding protocols, ash removal, and safety procedures.

5. Safety and Compliance

- The unit must include a high-temperature chimney/stack of adequate height as per Kerala State Pollution Control Board (KSPCB) norms.
- The external surface temperature of the MS chamber (at peak 1200°C internal) must not exceed 60°C to ensure operator safety.

6. Evaluation Criteria

Bidders must submit:

- Detailed cross-sectional drawings showing the 50cm lining and height-to-chamber ratio.
- Technical data sheets of the refractory material proving 1200°C thermal

Signature of Tenderer with seal

stability.

1.TENDER CONDITIONS AND PRE-QUALIFICATION

- 1.1 Sealed Tenders are invited from competent Contractors/Agencies for the Supply, Installation & Commissioning of Gasifier System.
- 1.2 Contractors/Agencies who have experience of 3 years in executing similar nature of work will be eligible to submit offer against this tender.
- 1.3 The cover containing the tender, should be super scribed with "**Tender for the Supply, Installation & Commissioning of Gasifier System to the Value Added Processed Meat Production Plant at Yeroor.**"
- 1.4 The Tender shall be submitted in the prescribed format.
- 1.5 The amount quoted shall be valid up to three months.
- 1.6 Not more than one tender shall be submitted by a Contractor. More than one concern in which an individual is interested as Proprietor and/or Partner shall not submit tender against this notice. If anybody does so, all such tenders shall be liable to be rejected.
- 1.7 The tender form shall be available from MPI's Office at Value Added Processed Meat Production Facility Plant, Vilakkupara, Yeroor, Kollam Dist. as per the dates given in the tender notice, during working hours between 10.00 am and 5 p.m.
- 1.8 Contractors are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders. They themselves shall obtain all necessary information as to risks, contingencies and other circumstances, which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site and site conditions, whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.

Signature of Tenderer with seal

- 1.9 Submission of a tender by a Contractor/Agency implies that he has read this notice and all other contract documents and has made himself aware of the scope of work.
- 1.10 The tender shall be received in the MPI's Office at Value Added Processed Meat Production Facility Plant, Vilakkupara, Yeroor, Kollam Dist. up to the date and time specified in the tender notice and shall be opened on the same day in the presence of tenderers who may be present, at the office of Officer in Charge at MPI.
- 1.11 Tender shall be submitted in sealed covers along with EMD, super scribing the name of work and the address of the Contractor, addressed to Managing Director, MPI. All tender papers should be sealed and signed.
- Notification of award of contract will be made in writing to the successful Contractor/Agency by the Managing Director, MPI. The contract will normally be awarded to qualified and responsive Bidder offering the lowest evaluated bid. The Managing Director, MPI shall be the sole judge in this regard. The Managing Director, reserves the right to accept or reject any of the tenders without assigning any reason whatsoever.
- 1.12 A responsive bidder is one who has the required experience & capability and who submits priced tender with EMD and accepts all terms and conditions of the specifications and tender documents without any modifications.
- 1.13 A modification is one, which affects in any way the quality, quantity and period of service or which limits in any way the responsibilities or liabilities of the Contractor/Agency or any right of MPI as specified in tender documents. Any modification in the terms and conditions of the tender, which is not acceptable to MPI, shall be treated as a major modification.

Signature of Tenderer with seal

- 1.14. Canvassing in any form is strictly prohibited and tenders submitted by the tenderers who resort to canvassing will be liable for rejection.
- 1.15. On acceptance of the tender, the name of the accredited representative(s) of the Contractor/Agency who would be responsible for taking instructions shall be communicated to MPI.
- 1.16 This notice of tender shall form part of the contract document

2.0 GENERAL CONDITIONS OF CONTRACT

2.1 Validity of offer

The offer shall be valid for three months from the date of opening.

2.2 EMD & Tender Form Fee:

Contractor/Agency shall submit an EMD & Tender form fee as specified in the Tender Notice as Demand Draft from any Scheduled Bank drawn in favour of MANAGING DIRECTOR, MEAT PRODUCTS OF INDIA Ltd, payable at KOOHATTUKULAM. The EMD of unsuccessful tenderers will be re-funded after issuing the work order to the eligible bidder. /-. If EMD & Tender form fee exemptions are availed the Bidder shall attach valid Exemption Certificate(s).

2.3 Rates

The rates quoted shall include all the taxes, PF, ESI, etc. All the personnel employed by the Contractor should have PF account and ESI. Statutory Obligations like ESI, Provident Fund, Insurance, Medical expense / claim due to any accidents etc., of the personnel employed by the Contractor/Agency shall be met by the Contractor, and MPI shall not be held liable nor responsible for any such defaults.

TDS shall be deducted from the Contractor's bills as per rules.

The rates shall be firm for the period from the date of the award of contract and no escalation will be allowed.

Signature of Tenderer with seal

2.4 Security Deposit

The successful bidder has to submit a Security Deposit of amount equal to the 5% of the awarded value equivalent (minimum of Rs.10,000) is required by way of DD from any Scheduled Bank in favour of MPI Ltd/cash receipt within 7 days of receipt of the work order. The security deposit will be released only after completing the BURNING CHAMBER GUARANTEE period of 1 Year from the date of commissioning.

2.5 Payment

The Contractor/Agency shall submit the bills.

2.6 Insurance for Contractor's personnel

The Contractor/Agency shall maintain accident insurance (Group) policy for all the personnel employed by him. Statutory obligations like payment of PF, ESI of the personnel employed shall also be the responsibility of the Contractor/Agency and MPI shall not be held responsible for any failure by the Agency on these counts.

2.7 Tools and testing equipment

All the necessary Tools, Spares, Materials etc should be supplied by the contractor. All tools, tackles, testing equipment and accessories as required for the maintenance shall also be provided by Contractor at his own cost.

2.8 Assignment

The rights and obligations arising out of this agreement shall not be assigned or transferred to a third party without prior written consent of either party.

2.9 Force Majeure

If performance by either party of its duties and obligation under this agreement is prevented or delayed by circumstances of force majeure including, but not limited to fire, flood, earthquakes, strike, war, riots, insurrection, any action undertaken or restriction imposed by authority of any Government agency of court, shortage of equipment or raw materials or any other act beyond its reasonable control, the time within which the affected party must perform shall be delayed for a period under such circumstances to a maximum of 120 days during which the parties shall use alternate methods, but after which period either party shall have the right to terminate the agreement. Determination of this agreement shall not relieve either party from the payment of the sum or performance of other duties and obligations, which may be owing to the other, as a result of the operation of this agreement prior to such termination.

2.10 Termination

If the service of the Contractor/ Agency is found to be not satisfactory, the contract will be terminated and the Contractor/Agency will not be eligible for any compensation on this account.

2.11 Settlement of Disputes

Any disputes with respect to this contract shall be settled amicably as far as possible and disputes that could not be amicably settled, shall be left to the decision of a sole Arbitrator appointed by the Managing Director, MPI. The Arbitration proceedings will be held as per the Arbitration Act then in force.

2.12 Jurisdiction

Any dispute connected with this contract shall fall within the jurisdiction of Courts at Ernakulam.

Signature of Tenderer with seal

SCHEDULE OF WORKS

Sl. No.	Item Description	Qty	Unit	Unit Rate (₹)	Total Amount (₹)
1.0	Gasifier Main Assembly: Design, fabrication, and supply of 50kg/hr Waste Gasifier. Includes MS body (Total height = 2x Chamber height) and 50cm thick refractory lining rated for 1200°C	1	Set		
2.0	Blower & Air System: Supply and installation of 0.5 HP centrifugal blower with necessary MS/GI air-line piping and motor starter.	1	Set		
3.0	Exhaust System: Supply and erection of MS Chimney/Stack with rain cap and sampling port (as per KSPCB norms).	1	Set		
4.0	Installation & Testing: Civil foundation, mechanical assembly, and 72-hour performance trial run with factory waste.	1	Set		
Total	Sub-Total (Basic Price)				
	Add: GST (%)				
G. Total	Final Contract Value (Lump Sum)				Rs.

Amount in words:

Signature of the Tenderer

Signature of Tenderer with seal

Declaration

I/We have completely read and hereby accept the scope of work, requirements, terms & conditions and agree to do the 'Supply, Installation and Commissioning of Gasifier System to the Value added processed meat production plant at Yeroor, Kollam Dist.'

IMPORTANT NOTE COMMON TO ALL

Failure to comply with the scope of work, or not undertaking the works as directed by the MPI Official, MPI shall have the right to get it done through other agencies, and the cost towards the same will be deducted from the monthly payment due to the contractor

Signature of Tenderer with seal