



A Govt. of Kerala Undertaking

MEAT PRODUCTS OF INDIA LTD

Edayar P.O. Koothattukulam, Ernakulam (Dist.)
Kerala 686662.

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**TENDER DOCUMENT FOR THE SUPPLY AND INSTALLATION OF
COMPRESSORS TO THE EXISTING AIR CONDITIONER SYETEM**

AT MPI EDAYAR

TENDER NO.MPI/ENGG/AMC/1069

DATED 06.11.2024

Tender document issued to M/s

Cost of tender document deposit

C O N T E N T S

SI. No.	PARTICULARS	Page No.
1	BRIEF TENDER NOTIFICATION	3
2	TENDER NOTIFICATION(PART A)	4
3	LETTER TENDERING THE WORK	6
4	SCOPE OF WORK	8
5	PRE-QUALIFICATION	8
6	GENERAL CONDITIONS OF CONTRACT	9
7	SPECIFICATION	12
8	DETAILS OF THE REFRIGERATION UNIT	14
9	MAINTENANCE	15
10	IMPORTANT NOTE	19
11	UNDERTAKING BY THE TENDERER(Annexure A)	20
12	PRICE SCHEDULE(PART B)	21
13	DECLARATION	22

Signature of Tenderer with seal

BRIEF TENDER NOTIFICATION

Tender Number and Name : MPI/ENGG/1069
DATED 06.11.2024

**SUPPLY AND INSTALLATION
OF COMPRESSORS TO THE
EXISTING AIR CONDITIONER
SYETEM**

Earnest Money Deposit : Rs.5,000/-

Cost of Tender Form – Original : Rs.1000/-plus GST

Downloading Tender Form : 06.11.2024 to 13.11.2024

Last date and time of receipt of Bid : 02.30pm. on 13.11.2024

Office where the tender should be : Meat Products of India Ltd.
Submitted Edayar, Koothattukulam
Ernakulam, Kerala

Date and time of opening of Bid : 3.00 P.M. on 13.11.2024

Remarks :

Place : Edayar

Date 06.11.2024

MANAGING DIRECTOR

Signature of Tenderer with seal

PART A

TENDER NOTIFICATION

**TENDER FOR SUPPLY AND INSTALLATION OF
COMPRESSORS TO THE EXISTING AIR
CONDITIONER SYETEM**

Meat Products of India Ltd (MPI) invites sealed competitive bids in Single bid system from competent Contractors/Agencies experienced in the field of supply, installation and commissioning of the air conditioner System located at MPI registered office Edayar, Kothattukualm.

Interest bidder/bidders may obtain further information at MPI campus Edayar, Koothattukulam. The tender document may be downloaded from the official website www.meatproductsofindia.com.

1. Sealed Competitive Tenders are invited from REPUTED CONTRACTORS having sufficient experience and sound Technical and Financial Capability for executing the supply and installation of the Refrigeration systems **at** M/s. MEAT PRODUCTS OF INDIA LTD at Edayar, Koothattukulam Ernakulam(Dist.)Kerala, in accordance with enclosed scope of works and other terms and conditions specified here under.
2. The bidder/bidders should having sufficient experience and the track record of minimum last 3 years. Registered Name & address of the company along with phone, fax & mail address (copy of registration to be furnished). The details should be submitted along with the tender document.
3. Tenderer should furnish an Earnest Money Deposit of Rs.5000 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

Signature of Tenderer with seal

Counter/DD drawn in favour of the Managing Director, Meat Products of India Ltd., payable at Koothattukulam.

4. The Managing Director reserves the right to abandon the tender either partly or wholly and in that event invites fresh tenders for the same.
5. Sealed tenders sent by post should also reach the office of Meat Products of India Ltd., Koothattukulam 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
6. Tender forms can be downloaded from our website www.meatproductsofIndia.com. 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.
7. The tenderer should have successfully completed similar works worth over 3 lakhs in a Government, semi government, public Ltd, Private Ltd or Joint venture Company during the past 3 years. The proof for the above should be submitted with the bid.
8. The Bidder/Bidders should have adequate financial capabilities to undertake such project.
9. Bidders should declare by way of an affidavit stating a) that there has never been default in paying statutory taxes and duties. b) that it has never been black listed /debarred by any Govt. /Undertaking/Private Organization. C) that there are no civil suits/litigation/arbitrations are pending nor same have ever aroused during execution of any contract from the date of inception.

Place : Edayar

Date 06.11.2024

MANAGING DIRECTOR.

Signature of Tenderer with seal

LETTER TENDERING THE WORK

From ,

To,
The Managing Director
MEAT PRODUCTS OF INDIA LTD.
Edayar P.O. , Koothattukulam,Ernakulam (Dist.),
Kerala, India. 686 662.
Phone: 0485-2252365, Tel Fax: 0485-2252695
E-mail: mpiedayar@gmail.com

Sir,

Sub: **TENDER FOR SUPPLY AND INSTALLATION OF COMPRESSORS TO THE EXISTING AIR CONDITIONER SYETEM**

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. Copy of experience proof has been enclosed herewith.
3. I/We further agree to take the supply and maintenance of compressors to the existing air conditioner systems at MPI.
4. 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
5. Rs.5000/- of EMD is herewith enclosed as Bank Draft on a scheduled bank in favor MEAT PRODUCTS OF INDIA LTD payable at Koothattukulam,Last 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

The scope of work will cover providing manpower as specified and carrying out supply, installation and commissioning of compressors towards the existing air conditioner systems at Meat Products of India Ltd. In the swine plant ,2 nos of the compressor to be supplied. The contractor should supply all the labour, materials, and spare parts without incurring any additional cost. The contractor should ensure the working temperature of the processing room within **12°C to +16°C** .

- 1 The required number of technicians shall be deployed for carrying out the supply and installation of the air conditioner system at MPI Edayar.
- 2 The contractor has to look after the all the commissioned the sytem ,suction line insulation, leak testing and arresting, oil and gas top –up, control panel wiring etc.
- 3 Cost of compressors will be separately mentioned.
- 4 The contractor has to ensure the required temperatures of each machines as mentioned above
- 5 All the suction lines should be insulated by approved make of material.

1. PRE-QUALIFICATION

- 1.1 Sealed Tenders are invited from competent Contractors/Agencies for the maintenance of refrigeration systems .All the tender conditions stated herein shall be valid till the next contract award.
- 1.2 **Contractors/Agencies who have experience of 3 years in operation and maintenance of refrigeration systems such as chilling room(+4°C to -4°C), offal room within 0°C to +4°C ,cold storages(working temp -20°C to -22°C) , processing hall (working temp 12°C to 16° c) etc of similar nature will be eligible to submit offer against this tender.**

Signature of Tenderer with seal

1.2 The qualification and experience of the firm shall be submitted along with the bid and qualification of the bid will be evaluated based on the compliance of the same.

1.3 The Tender shall be submitted in the prescribed format.

1.4 List of technical staff, their qualification /experience and details of in – house facilities

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

Contractor/Agency shall submit an EMD as specified in the Tender Notice as Demand Draft from any Scheduled Bank drawn in favour of MANAGING DIRECTOR, MEAT PRODUCTS OF INDIALtd, payable at KOOHATTUKULAM. The EMD of unsuccessful tenders will be re-funded after issuing the work order to the eligible bidder.

2.3 Rates

The rates quoted shall include all the GST/taxes applicable to the work. **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 or 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.

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.25000) is retained for 1 year by way of DD from any Scheduled Bank in favour of MPI Ltd, Koothattukulam within 7 days of receipt of the work order. The

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Security Deposit will be refunded after satisfactory completion of 1 guarantee period.

2.5 Payment

No advance payment will be made. The Contractor/Agency has the only right to claim the payment only after submitting valid bills and payment will be made within 10 days of receipt of the bill subject to verification of service. The contractor should produce the bill/invoice .All the statutory taxes and duties will be deducted from each bill.

2.6 Tools and testing equipment

All the necessary Spares, Materials, and Consumables required will be provided by for maintenance and commissioning work should be arranged by the contractor. All tools, tackles, top up & recovery machines, testing equipment and accessories as required for the maintenance shall also be provided by Contractor at his own cost. Travel expenses should also met by the contractor.

2.7 Details of the technicians

List of technical staff, their qualification /experience and details of in – house facilities should be submitted along with the tender. The service provided by each person engaged by the Contractor/Agency shall be satisfactory to MPI.

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 Completion of work

On completion of the work, the Contractor/Agency shall handover all the materials belongings to MPI representative and the Contractor shall remove all materials belonging to him including the workforce without any delay and the Contractor shall train the staff of the MPI.

Signature of Tenderer with seal

2.10 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 or 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.

2.11 Termination

Notwithstanding anything contained herein, either party to this agreement shall have the right to terminate this contract by giving the other party 30 days notice in writing.

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

2.13 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.

Signature of Tenderer with seal

2.14 Jurisdiction

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

3.0 SPECIFICATION

- a. **The cover containing the tender, should be super scribed with "TENDER FOR SUPPLY AND INSTALLATION OF COMPRESSORS TO THE EXISTING AIR CONDITIONER SYETEM at MPI"**
- b. The contract period will be extended only on the basis of mutually agreed terms and conditions.
- c. 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.
- d. The tender form shall be available from MPI's registered office at Edayar as per the dates given in the tender notice, during working hours between 9.00 am and 5 p.m.
- e. Contractors are advised to inspect and examine the site and all the refrigeration equipments 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 machineries and site conditions, whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
- f. 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. After that, he has to sign the Annexure A (also the part of the agreement).

Signature of Tenderer with seal

- g. The tender shall be received in the Registered office of Meat Products of India Ltd at Edayar, Koothattukulam ,Ernakulam 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.
- h. 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.**
- i. 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.**
- j. 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.
- k. 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.
- l. Canvassing in any form is strictly prohibited and tenders submitted by the tenderers who resort to canvassing will be liable for rejection.

Signature of Tenderer with seal

m. 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. The successful bidder shall have to be ready to take up the job before 15.11.2024

n. The service report shall be submitted to the Engineer in Charge

4.0 Details of the units/equipments installed at Chilling ,cold storages of the MPI are given below.

Details of the unit		
Processing hall air conditioner system (Unit I)	Model no:MTZ125HU4VE Serial no:FE1007257930	
Processing hall air conditioner system (Unit II)	Model no:MTZ125HU4VE Serial no:FE1007264364	

5.0 The Maintenance and repair envisages all the required tasks for during the guarantee period.

- i) supply of all the specified equipments should be done within one month. Maintenance of all the equipments including electrical works
- ii) Extending maximum service to MPI for uninterrupted the routine work of the MPI
- iii) The contractor has to abide by the MPI safety, security and labour regulations in vogue and as amended from time to time during the

Signature of Tenderer with seal

course of contract. The installation work is to be carried out and completed as per the conditions of the contract and as directed by the Engineer –in-charge.

- iv) The contractor shall provide the minimum manpower regularly as stipulated above. The Contractor has to deploy additional workmen of various categories as required (electricians, mechanics,) in case of need and during any urgency/emergency and for preventive/breakdown maintenance of all connected equipment, machinery, compressor, motors, electrical, etc. The total rate quoted shall cover all the above exigencies and no additional payment will be made for the same.
- v) The rates of the comprehensive maintenance of the refrigeration equipments shall include the Gas charging, repair of compressors and repair/replacement of motor, checking fasteners, repair/replacement of all minor and major parts if required including Electricals such as relay, contactor, suction line insulation etc.
- vi) The contractor has no right to claim any additional charge for the transporting of the equipments (if required) from the MPI to the workshop and vice versa.

5.1 The Contractor/ Agency shall carry out the all the maintenance activities of normally minor nature such as

- a. Troubleshooting and diagnosis of fault code in the equipments
- b. Checking /adjustment of pressure drop across the line.
- c. Checking flow switches, fan motors rotates freely and if necessary replace the fan motor.
- d. Checking of transducers, sensors and other controls of chillers & replacement of faulty components
- e. Checking of pressure drop across the oil filter and replacement of oil filter if necessary.
- f. Checking of compressors and condensers fan motors Amps at full load.

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- g. Checking of electrical resistance of compressors and condensers.
- h. Check drain heater and crank case heater for the proper operation.
- i. Re-insulate the suction line as required.
- j. Water service of condenser coil, condensing unit & evaporator units by using high pressure pump.
- k. Check all the safety control equipments and do rectification if necessary.
- l. Electrical wiring of all components for any sign of overheating.
- m. Cleaning of electrical panel and other allied equipments
- n. Checking /testing /servicing of refrigerant leakage in the system and adjustment of gas charging if required.
- o. Checking of compressor oil and top up the oil if required.
- p. Checking & replacement of bearings, coupling etc
- q. Checking of motor/compressor winding
- r. Checking and servicing of contactors, overloads MCCBS , fuses tightening of wire connections, replacement of faulty parts if required, wiring insulations, earthing etc.
- s. Check the Doors, hinges, locks etc and rectify the complaint if necessary.
- t. Painting of the outdoor units.
- u. The supply of all consumables required in the plant (for eg., lubricants, oil, gaskets, nuts & bolts, refrigerant etc) shall be supplied by Contractor. Petty consumables like gloves, safety appliances, charging machines etc shall be supplied by the contractor.
- v. The Agency/Contractor has to maintain all the equipment/machinery/plant and its surroundings in proper and good condition and shall operate as per applicable Engineering practice. Any failure/damage of the equipment/plant due to the fault of operation will be recovered from the agency. All

Signature of Tenderer with seal

necessary tools for routine maintenance will be provided by the Contractor

5.2 Maintenance Activities– Electrical

1. Cleaning of panel boards/ starters and motors.
2. Checking and correctness of loose connections at motors, panel boards, cables and cable joints/ terminations.
3. Inspect and verify functional performance of switches, MCCBs, components and starter contactors & timers, relays (whether tripping or not) and report and rectify the defects if any and replace components if required.
4. Identify and report major preventive maintenance if any to be attended and major replacements / spare parts/components if any required to be taken up.
5. Maintain and record all the preventive maintenance activities area wise/equipment wise detailing the actions taken and spare parts used.
6. Verify the earthing system and correct for loose connections etc. record earth resistance in log book.
7. Testing of all protective relays by secondary current injection test using over current test kit and verify the correct tripping of all relays and report and rectify any abnormality. Replace the faulty relays and check and correct the relay setting and record in the log book.
8. Detailed check up of all components of panel boards, starters, switches MCCBs etc for any abnormality, overheating etc and corrects the faults. Replace faulty/ defective components.
9. Overhaul the motors which are identified to be overhauled and replace bearings, fan cover, foundation lugs and rewind the motors where needed.
10. Attend all failure/ not working calls and correct immediately. Trouble shoot and correct defects in panel boards, starters and components, overheating, loose connections etc and correct the same.

Signature of Tenderer with seal

11. Attend and rectify failures such as motors not working/burnt, motor starters/ panel board components not working/ electric power supply failure, motor rewinding and overhaul, replacements of starters/ panels on account of major faults/repairs etc.

IMPORTANT NOTE COMMON TO ALL

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

Signature of Tenderer with seal

Annexure A

UNDERTAKING OF THE TENDERER

Name of work:

Tender No:

We confirm that we have quoted in the tender considering Inter – alia the

1. Part A(Tenders document)
2. Additional document (if any)
3. Part B (price bid)
4. Corrigendum(if any)

We here by certify that we have fully read and understood that tender requirement and accept all terms and conditions of the tenders including all corrigendum /addendum issued (if any) .Our offer in confirmation to all the terms and conditions of the tender including all corrigendum /addendum,(if any) .In the event our offer is found acceptable and contract is awarded to us, the complete tender document shall be considered for constitution of contract agreement .Failure to comply with the scope of work, or not undertaking the works as directed by the Engineer-in-charge, MPI shall have the right to get it done through other agencies, and the cost towards the same will be deducted from the payment due to the contractor.

Signed for and on Behalf of Tenderer

Signature & Seal

Signature of Tenderer with seal

PRICE SCHEDULE

PART B

SI no	Description of the work	Qty	Rate	Amount
1	Supply, installation and commissioning of two compressors towards the air conditioner systems in the swine plant Model no:MTZ125HU4VE Make :Danfoss	2nos		
	AMOUNT			
	GST			
	TOTAL AMOUNT			

Signature of the Tenderer

Declaration

I/We have completely read and hereby accept the scope of work, requirements, terms & conditions and agree to I supply ,installation and commissioning of the air conditioner system(ie working temp 12°C to 16°C)..All the materials, tools& supply labour whenever required for supply, maintenance and repair as stipulated in relevant heads in the tender document to the satisfaction of MPI.

Signature of Tenderer with seal