

MEAT PRODUCTS OF INDIA LTD

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

Phone: 0485-2252365, mob:9446475333

E-mail: mpiedayareng@gmail.com

TENDER DOCUMENT FOR THE ANNUAL MAINTENANCE CONTRACT OF TWO COLD STORAGES AND BLAST FREEZER

AT MPI EDAYAR

TENDER NO.MPI/ENGG/AMC/ DATED 21.06.2021

Tender document issued to M/s

Cost of tender document deposit

C O N T E N T S

Sl. 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	ANNUAL MAINTENANCE	15
10	IMPORTANT NOTE	19
11	UNDERTAKING BY THE TENDERER(Annexure A)	20
12	PRICE SCHEDULE(PART B)	21
13	DECLARATION	21

Signature of Tenderer with seal

BRIEF TENDER NOTIFICATION

Tender Number and Name : MPI/ENGG/AMC/I-
DATED 21.06.2021

**ANNUAL MAINTENANCE
CONTRACT OF TWO COLD
STORAGE AND BLAST
FREEZER**

Earnest Money Deposit : Rs.10,000/-

Cost of Tender Form – Original : Rs.600/-plus GST

Downloading Tender Form : 22.06.2021 TO 08.07.2021

Last date and time of receipt of Bid : 02.30pm. on 08.07.2021

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 08.07.2021

Remarks :

Place : Edayar

Date 21.06.2021

MANAGING DIRECTOR

Signature of Tenderer with seal

PART A
TENDER NOTIFICATION
**TENDER FOR ANNUAL MAINTENANCE CONTRACT OF
TWO COLD STORAGE AND BLAST FREEZER AT MPI**

Meat Products of India Ltd (MPI) invites sealed competitive bids in Single bid system from competent Contractors/Agencies experienced in the field of Annual Maintenance Contract for servicing and overhauling works (services/Labour) of the Refrigeration System such as cold storages, blast freezer located at MPI registered office Edayar, Kothattukulam.

Interest bidder/bidders may obtain further information at MPI campus Edayar, Kothattukulam. 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 Annual Maintenance contract of the Refrigeration systems **at** M/s. MEAT PRODUCTS OF INDIA LTD at Edayar, Kothattukulam Ernakulam (Dist.) Kerala, in accordance with enclosed scope of works and other terms and conditions specified here under.
2. The bidder/bidders should have 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.10000 as specified in Tender Document. Any tender which is not accompanied by

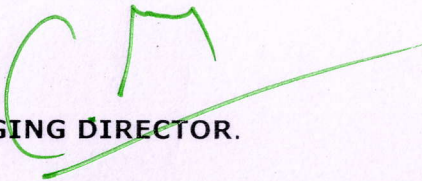
Signature of Tenderer with seal

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.

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 21.06.2021


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: **Annual Maintenance contract of Two cold storages and blast freezer at MPI Edayar,Koothattukulam.,**

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 AMC of two cold storage and blast freezer at MPI from the date of agreement to the next one year
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

6

Signature of Tenderer with seal

and conditions which are not acceptable to M/s. MEAT PRODUCTS OF INDIA LTD

5. Rs.10000/- 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.

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 Annual Maintenance Contract of the two cold storage and blast freezer at Meat Products of India Ltd. In the two cold storage ,2 nos of the machines having the capacity of 15.2 hp and 2 nos of the machine having the capacity of 6.2hp and blast freezer 2 nos of machines (20.2 hp.). The contractor should supply all the labour, materials, and spare parts without incurring any additional cost. He/she should ensure the working temperature of the refrigeration system of both cold storages within **-15°cto -20°c and blast freezer within -25° c to -30°c**. He should be carried out all the preventive maintenance in every 2 months.

- 1 The required number of technicians shall be deployed for carrying out the Annual Maintenance of the Refrigeration system at MPI Edayar.
- 2 The contractor has to look after the all the preventive and break down maintenance, (15.2HP,6.2HP,20.2HP) rewinding of compressors (if required), leak testing and arresting, oil and gas top -up, etc.
- 3 The contractor has to ensure the period service of the condensers, evaporators, compressor units etc without affecting the routine work of the company.
- 4 The contractor should attend the entire break down maintenance of all the refrigeration machines of the both cold storage and blast freezer at MPI within 12 hours of intimation.
- 5 The contractor should supply the stand by equipments (compressors, condenser, evaporator, oil separator, motor fans etc) during the emergency situation and avoid the shutdown of the company.

1. PRE-QUALIFICATION

- 1.1 Sealed Tenders are invited from competent Contractors/Agencies for the maintenance of refrigeration plant for a period of one year from the

Signature of Tenderer with seal

date of agreement. 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 cold storages (-15°C to -20°C), blast freezer (working temp -25°C to -30°C), etc of similar nature will be eligible to submit offer against this tender.**
- 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 in field of imported machinery 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 tenderers 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 AMC. The quoted rate should be for 1 year. **Statutory obligations like GST, service taxes etc. 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 an Security Deposit of amount equal to the 5% of the awarded value equivalent(minimum of Rs.25000) is required for 1 year amount (including EMD) by way of DD from any Scheduled Bank in favour of MPI Ltd, Koothattukulam within 7 days of receipt of the work order.The Security Deposit will be refunded after satisfactory completion of contract period.

2.5 Payment

No advance payment will be made.The Contractor/Agency has the only right to claim the part payment only after the first three months.He/she shall submit the bills at the end of quarter and payment will be made within 20 days of receipt of the bill subject to verification of service. The contractor should produce the bill/invoice.All the taxes and duties will be deducted from eachbill.

2.6 Tools and testing equipment

All the necessary Spares, Materials, and Consumables required will be provided by for Operation &Routine maintenance& breakdown maintenance should be arranged by the contractor. All tools,tackles, top up & recovery machines, testing equipment and accessoriesas required for the maintenanceshall 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 tenure

On completion of the tenure of the agreement, if not renewed, 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. However, the Contractor shall continue to discharge their responsibilities till the next Contractor takes over the duty and the Contractor shall train the staff of the new Contractor.

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 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.

2.11 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

Signature of Tenderer with seal

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.

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 the Annual Maintenance Contract of Two Cold storage and Blast Freezer at MPI"**
- b. On completion of tenure of AMC, if not renewed, the contractor shall continue to discharge their responsibilities till the next contractor take over the duty and he shall train the staff of new contractor if required. 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.

Signature of Tenderer with seal

- 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).
- 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, superscribing 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.**

Signature of Tenderer with seal

- 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.
- 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 01.08.2021
- n. The service report shall be submitted to the Engineer in Charge

4.0 Details of the units/equipments installed at Chilling & Curing room of the MPI are given below.

Details of the unit	Out Door Unit	Indoor Unit
Old cold storages Unit I	Type:4CC-6.2Y-40S Serial NO:1670311514	Type-S-GHF 045.1.D/14-EW Serial No: 4003124635.0001

Signature of Tenderer with seal

UNIT II	Type CC-6.2Y-40S Serial No:1670311515	Type-S-GHF 045.1D/14-EW Serial No:400/3124635.0002
New Cold Storage Unit I	Type: 4 H-15.2Y-40P Serial no:1681109591	Type:GSF 050.3F/26-END50.1 Serial no: 501278870.01.0034
Unit II	Type :4H-15.2Y-40P Serial no:1681109592	Type:GSF 050.3F/26 - END50.1 Serial No:501278870.01.0036
Blast Freezer(Unit I)	Type: -S6H-20.2Y-40P Serial no:1670311525	Type:GFN065C/212-E Serial No:400/3123593.0002
Unit II	Type:S6H-20.2Y-40P Serial no:1670311524	Type :GFN 065C/212-E Serial No:400/3123593.0001

5.0The Annual Maintenance envisages all the required tasks for.

- i) Preventive maintenance of all the specified equipments should be done in every two months.If the contractor fails to do the preventive maintenance, whatever fund required to be deducted from the contractor.
- ii) Preventive maintenance of all the equipments including electrical works

Signature of Tenderer with seal

- iii) Break down maintenance of all equipments including electrical works
- iv) Extending maximum service to MPI for uninterrupted the routine work of the MPI
- v) The contractor has to abide by the MPI safety, security and labour regulations in vogue and as amended from time to time during the course of contract. The work is to be carried out and completed as per the conditions of the contract and as directed by the Engineer – in-charge.
- vi) 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.
- vii) 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 etc.
- viii) 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 preventive 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.
- 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.

5.2 Break-down and preventive maintenance

1. The representative of the Contractor/Agency like fitters, electricians, mechanic, etc. as required, shall report for the dismantling, repair and reinstallation of the equipments within oneeight hours of intimation by MPI for any break-down or

Signature of Tenderer with seal

preventive maintenance work. If not the MPI will arrange the job with another party and deduct the amount from the contractor. Any violation shall be at the risk and responsibility of the Contractor/Agency. Minimum spares and consumables required for breakdown maintenance shall be available at contractors Store. However, extra spares required for the proper maintenance shall be arranged by the Contractor within 24 hours from the intimation. Payment for such skilled/unskilled worker shall be the responsibility of the Contractor/Agency, which shall be included in the quoted rate per month.

2. 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 necessary tools for routine maintenance will be provided by the Contractor
3. 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.

5.3 Preventive 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 correct 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. Verify the earthing system and correct for loose connections etc. record earth resistance in log book.
11. 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.
12. 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.

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

PRICE SCHEDULE

PART B

A.

Item	Rate (Rs.)/YEAR	
	In figures	In words
Rate for providing specified number of persons for the Annual Maintenance of the refrigeration systems and supply of spare parts at MPI as per the terms and condition of the tender document and carrying out duties as given in the Scope of Work specified in the tender, including deputing personnel of all categories (mechanical, electrical & fitting) for break down maintenance, preventive maintenance and for any replacement/re-fixing works as specified in the document.		
Total		

Signature of the Tenderer

Declaration

I/We have completely read and hereby accept the scope of work, requirements, terms & conditions and agree to Annual Maintenance of the refrigeration Equipments of the two cold storage and blast freezer. We will ensure the required temperature of both cold storage and blast freezer at MPI. All the materials, tools & supply labour whenever required for break down maintenance and preventive maintenance as stipulated in relevant heads in the tender document to the satisfaction of MPI at the above rates till for next one year from the date of agreement.

Signature of Tenderer with seal