

# **TAMIL NADU CO-OPERATIVE MILK PRODUCERS' FEDERATION LTD.,**



## **E-Tender Document for**

**"SUPPLY & INSTALLATION OF FTIR SPECTROMETER- 1 NO. AT  
RESEARCH AND DEVELOPMENT LABORATORY, PRODUCTS DAIRY,  
AMBATTUR, CHENNAI"**

**Tender Reference No: 2503/DGM (QA)/HO/2025**

### **THE DEPUTY GENERAL MANAGER (QA),**

Tamil Nadu Co-operative Milk Producers' Federation Ltd.,

Head Office, Aavin Illam,

3-A, PasumponMuthuramalinganar Salai, Nandanam, Chennai – 600 035.

Phone:044-23464500/01/02/03/04/05/13

E-Mail:purchaseqcho@aavin.tn.gov.in, aavindgmqcho@gmail.com

Website for online bid submission

<https://tntenders.gov.in>

## TENDER INFORMATION

1. Name and address of the Purchaser	<b>THE MANAGING DIRECTOR, TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED</b> No.3A, Aavin Illam, Pasumpon Muthuramalingam Salai, Nandanam, Chennai – 600 035. Phone : 044-23464500/01/02/03/04/05 E-Mail: <a href="mailto:aavindgmgcho@gmail.com">aavindgmgcho@gmail.com</a>
2. Name and address of the User	The Deputy General Manager (QA), Head Office No.3A, Aavin Illam, 4th Floor, Pasumpon Muthuramalingam Salai, Nandanam, Chennai – 600 035.
3. Name of the Item / Work	Supply and Installation of <b>FTIR Spectrometer- 1</b> No. at Research & Development Laboratory, Products Dairy, Ambattur
4. Method of Tender	e-Tender System (Online Technical Bid and Financial Bid) through e-Procurement Portal <a href="https://tntenders.gov.in">https://tntenders.gov.in</a>
5. Tender Reference Number	2503/DGM (QA)/HO/2025
6. Tender Estimated Value	Rs. 25.00 Lakhs
7. Earnest Money Deposit (EMD)	Rs. 25,000.00
8. URL for online bid submission for e-tender	<a href="https://tntenders.gov.in">https://tntenders.gov.in</a>
9. Cost of Tender Document	Tender documents can be downloaded at free of cost from the website <a href="https://tntenders.gov.in">https://tntenders.gov.in</a>
10. Tender Document Availability on the Portal	From:30.01.2025 to 18.02.2025 upto 3 PM
11. Date of Pre-Bid meeting	NA
12. Date of Closing of e-Submission of Technical Bid and Financial Bid.	Date: 18.02.2025 Time: 3 PM
13. Date and time of opening of Part I Technical Bid of e-Tender	Date:19.02.2025 Time: 3 PM

## **TABLE OF E-TENDER DOCUMENT CONTENTS**

<b><u>Clause No.</u></b>	<b><u>Description</u></b>	<b><u>Page No.</u></b>
1.0	PREAMBLE OF E-TENDER	5
2.0	INSTRUCTION TO BIDDERS	5
3.0	MODE OF SUBMISSION	5
4.0	LANGUAGE OF THE E-TENDER	5
5.0	PRE-QUALIFICATION CRITERIA – TECHNICAL BID (PART-I)	6-7
6.0	SCOPE OF WORK	7
7.0	DELIVERY SCHEDULE	8
8.0	TOTAL QUANTITY TO BE SUPPLIED	8
9.0	EARNEST MONEY DEPOSIT	8-10
10.0	COST OF BIDDING	10
11.0	SUBMISSION OF E-TENDER	10-12
12.0	SIGNING OF BIDS	12
13.0	MODIFICATIONS / CLARIFICATIONS TO TENDER DOCUMENTS	12-13
14.0	WITHDRAWAL OF BIDS	13
15.0	OPENING OF E-TENDER	13-14
16.0	E-TENDER EVALUATION CRITERIA	14-15
17.0	REJECTION OF TENDERS	15
18.0	NEGOTIATION	15
19.0	VALIDITY OF PRICE TENDER	16
20.0	DEVIATIONS	16
21.0	PAYMENT TERMS	16
22.0	WARRANTY	16-17
23.0	FORCE MAJEURE	17-18
24.0	DISPUTES AND ARBITRATION	18
25.0	LEGAL JURISDICTION	18
26.0	AMBIGUITIES IN CONDITIONS OF TENDERS	18
27.0	RIGHTS OF THE TCMF	18
28.0	TECHNICAL SPECIFICATION	19-20
<b>II</b>	<b>ANNEXURE</b>	
	PROFILE OF THE BIDDING ORGANISATION – ANNEXURE-I	21
	DETAILS OF ABANDONMENT OF WORK LITIGATION / DEBARRING DONE- ANNEXURE-II	22
	DECLARATION FORM – ANNEXURE-III	23
	DETAILS OF SERVICE CENTER- ANNEXURE-IV	24
	FINANCIAL CAPABILITY- ANNEXURE - V	25
	BIDDER’S EXPERIENCE DETAILS – ANNEXURE - VI	26
	CONFIRMITY OF TECHNICAL SPECIFICATION- ANNEXURE - VII	27-28
	FINANCIAL BID – ANNEXURE- VIII	29
<b>III</b>	<b>CHECKLIST</b>	<b>30</b>

## ACRONYMS USED IN THE TENDER DOCUMENT

TCMPF LTD.	TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED
MSME	MICRO, SMALL, MEDIUM & ENTERPRISES
SSI	SMALL SCALE INDUSTRIES
BIS	BUREAU OF INDIAN STANDARDS
DD	DEMAND DRAFT
EMD	EARNEST MONEY DEPOSIT
SD	SECURITY DEPOSIT
LD	LIQUIDATED DAMAGES
BG	BANK GUARANTEE
LOA	LETTER OF ACCEPTANCE
GST	GOODS AND SERVICE TAX
F.O.R.	FREIGHT ON ROAD

### **1.0).PREAMBLE OF E-TENDER:-**

1.1). The Dy. General Manager (QA), Head Office, TCMPF LTD. Ltd. invites Bids by way of E-Submission only from reputed manufacturers / supplier to submit e-Tender for **Supply and Installation of FTIR Spectrometer– 1 No. for Research and Development Laboratory, Products Dairy, Ambattur, Chennai- 600 098.**

1.2). Applicability of Tamil Nadu Transparency in Tenders Act, 1998: -

This Tender will be governed by the Tamil Nadu Transparency in Tenders Act, 1998 and The Tamil Nadu Transparency in Tenders Rules, 2000 and subsequent amendments thereof are applicable to this Tender.

### **2.0).INSTRUCTION TO BIDDERS: -**

2.1). The tenders are in **Two Part System** (a) Technical Bid without Financial Bid and (b) Financial Bid. All the Bidders are requested to examine the instructions, terms & conditions and specifications laid down in the Tender. Failure to furnish all required information in every aspect will be at their risk and may result in the rejection of their bid.

**2.2). THE BIDDERS WHO DO NOT FULFIL THE "PRE-QUALIFICATION CRITERIA"AS PER CLAUSE 5.0 NEED NOT TO PARTICIPATE IN THE TENDER. OFFERS NOT SATISFYING THIS "PRE-QUALIFICATION CRITERIA" WILL NOT BE CONSIDERED AND WILL BE SUMMARILY REJECTED.**

**2.3 THE BIDDER SHALL ALSO MEET OUT THE OTHER TENDER REQUIREMENTS TO QUALITY IN THE TECHNICAL BIDS IN ADDITION TO THE "PRE-QUALIFICATION CRITERIA"**

### **3.0). MODE OF SUBMISSION:**

3.1).All the documents are to be uploaded in the Online Portal only.

Website <https://tntenders.gov.in>.

3.1.1). **Part A – Technical Bid**

3.1.2). **Part B – Financial Bid**

### **4.0). LANGUAGE OF THE E-TENDER: -**

All information in the tender offer shall be in **ENGLISH** only. It shall not contain interlineations, erasures or over writings except as necessary to correct errors made by the bidder.

### **5.0). PRE-QUALIFICATION CRITERIA – TECHNICAL BID (PART-I): -**

The Bidders should meet the following Pre-Qualification Criteria for bidding this tender and the proof for the Eligibility should be provided in the Technical Bid.

<b>Pre-Qualification Criteria</b>	<b>Proof to be submitted for fulfilling the Pre-Qualification Criteria</b>
<b>5.1). E-Remittance towards EMD Amount</b>	<ul style="list-style-type: none"><li>• Bidder shall upload the details of E-Remittance towards EMD Amount.</li></ul>
<b>5.2).</b> The bidder should be an Original Equipment Manufacturer/ Authorized Dealer of tendered item, <b>FTIR Spectrometer</b>	<ul style="list-style-type: none"><li>• Bidder Should enclose the Profile of the Organisation as per <b>Annexure-I</b></li><li>• If the bidder is an <b>authorized dealer</b> of an Original Equipment Manufacturer (OEM) of tendered item <b>FTIR Spectrometer</b>, they should furnish<ul style="list-style-type: none"><li>✓ <b>A valid authorization letter from the original Equipment manufacturer (OEM) to the effect that the bidder is their authorized dealer for the items mentioned in the tender.</b></li><li>✓ <b>MSME Udyam Registration certificate</b> of authorised dealer.</li></ul></li><li>• Bidder shall also enclose the <b>Annexure-II</b>: Information Regarding Current Litigation / Debarring / Expelling of Applicant or Abandonment of Work by The Applicant</li><li>• Bidder shall submit the Declaration Form to accept the tender terms and conditions as per <b>Annexure-III</b>.</li><li>• Bidder shall submit the details of availability of service centres and service persons as per the <b>Annexure-IV</b></li></ul>
<b>5.3).FINANCIAL TURNOVER:</b> The bidder shall have average annual sales turn-over equal to the tender estimated value (i.e Rs. 25.0 Lakh) for the last three financial years (2021-2022, 2022-2023, 2023-2024)	<ul style="list-style-type: none"><li>• Bidder should enclose either the Annual Turn Over Certificate for the 3 financial years i.e., 2021-2022, 2022-2023, 2023-2024 certified by Chartered Accountant or Annual statement of Accounts (i.e.) Profit &amp; Loss Accounts/Balance Sheet for 3 financial years as per <b>Annexure-V</b> certified by Chartered Accountant</li></ul>
<b>5.4).CONFORMITY OF TECHNICAL SPECIFICATIONS:</b> The bidder should meet out all the parameters mentioned in the Technical Specification	<ul style="list-style-type: none"><li>• Bidder should enclose the Conformity of Technical Specification as per <b>Annexure- VI</b> along with the OEM catalogue of the quoted equipment mentioned with the Make/ Model No., conforming to the tender specifications</li></ul>

<p><b>5.5).PAST EXPERIENCE:</b> The bidder should have previous experience for supply &amp; installation of <b>FTIR Spectrometer-5 Nos.</b>in India either to any Govt. / Quasi Govt. and Private organizations within a period of last 5 years from the date of tender opening.</p>	<ul style="list-style-type: none"> <li>• Bidder should enclose the experience details in <b>Annexure- VII</b> along with the copy of <b>at least 5 purchase orders / supply orders</b> of <b>FTIR Spectrometer</b> within a period of last 5 years from the date of tender opening.</li> <li>• If the bidder is an authorized dealer / supplier for tendered items, then the experience of the original manufacturer for supply of tendered items, their P.O and Performance will be taken for evaluation of technical bids, even if the supply has been made either by the manufacturer directly or through other agencies in addition to the supply made by the bidder.</li> </ul>
<p><b>5.6).PERFORMANCE CRITERIA:</b> The performance certificate from any Govt. / Quasi Govt. and Private organizations in India for the supply &amp; installation of <b>FTIR Spectrometer</b> within a period of 5years from the date of tender opening</p>	<ul style="list-style-type: none"> <li>• Bidder should enclose the copy of Satisfactory Performance Certificate for <b>at least 5 Nos.</b> of the supply &amp; installation of <b>FTIR Spectrometer</b>for the P.O.quoted as per 5.5.in the letter head of any Govt. / Quasi Govt. and Private organizations in India (indicating the period of supply) within the period of last 5 years from the date of tender opening</li> </ul>

Note:

***For evaluation and comparison of bids, the purchaser may, at its discretion, ask the bidder for clarification on the bid. The shortfall information/documents shall be sought only in case of historical documents which pre-existed at the time of tender opening and which have not under gone change since then.***

***So far as the submission of the documents is concerned with regard to qualification criteria, after submission of the tender, only related shortfall documents shall be asked for and considered***

### **6.0) SCOPE OF WORK**

**Supply and Installation of FTIR SPECTROMETER- 1 No. at Research and Development Laboratory, Products Dairy, Ambattur** on F.O.R. destination basis conforming to the technical specifications mentioned in the tender document. Supplier shall arrange manpower required to lift the equipment to the laboratory located in 1<sup>st</sup>Floor.

## **7.0). DELIVERY SCHEDULE: -**

- 7.1). Supply : 1 month from the date of receipt of purchase order (or)  
1 month from the readiness of site whichever is later
- 7.2).Installation : 1 month from the readiness of site (or) receipt of  
Material at site whichever is later

## **8.0). TOTAL QUANTITY TO BE SUPPLIED**

### **8.1). Details of quantity of following equipment to be supplied is as follows**

<b>Sl. No.</b>	<b>Name of equipment</b>	<b>Qty.</b>
1	<b>Supply and Installation of FTIR Spectrometer- 1 No. at Research and Development Laboratory, Products Dairy, Ambattur</b>	1 No.

## **9.0). EARNEST MONEY DEPOSIT**

- 9.1). Bidder should pay the specified amount towards Earnest Money Deposit as follows:

<b>Sl. No.</b>	<b>Name of equipment</b>	<b>Qty.</b>	<b>EMD amount</b>
1	Supply and Installation of <b>FTIR Spectrometer</b> - 1 No. Research and Development Laboratory, Products Dairy in Ambattur	1No.	<b>Rs.25,000.00</b>

- 9.2). Online payment gateway has been enabled for Tamil Nadu Cooperative Milk Producers' Federation Limited, Chennai in eProcurement Portal <https://tntenders.gov.in>. The EMD amount should be paid only through online payment mode in e-tender portal of <https://tntenders.gov.in>.
- 9.3). The EMD will not carry any interest.
- 9.4). Bidder has to select the payment option as "pay online" to pay the EMD amount. Only after payment of EMD, bidder will be able to encrypt/upload their bids. In order to avoid any issues and last-minute delay in processing of payment online, it is recommended to make payment and submit the bid as early as possible. TCMPT LTD. will not be responsible for any sort of difficulty faced/failure in submission of bids online by the bidder
- 9.5). Any other mode of payment of EMD shall not be accepted



### **9.6). Online payment mode (EMD):**

9.6.1). During online bid submission process, bidder shall select SBI MOPS option and submit the page, to view the terms and conditions page. On further submission, bidder will be re-directed to MOPS gateway, where two options namely SBI and Other Banks will be shown; here the bidder may proceed as follows:

9.6.1.1). SBI Account Holder: Shall click 'SBI' option to view the Net Banking Facility, where they can enter their internet banking credentials and transfer the EMD amount.

9.6.1.2). Other Bank Account Holders: Shall click 'Other Bank' option to view the bank selection page and select their respective bank to proceed with Net banking Facility for payment of EMD.

**Note - Bidders using "Other Bank" option under SBI MOPS payment Gateway are advised by SBI to make online payment 72 hours in advance before tender submission closing time.**

9.6.2). Any transaction charges levied while using any of the above modes of online payment has to be borne by the bidder.

9.6.3). The bidders will be evaluated only if payment status shows "Success" during bid opening. It is necessary to click on "Freeze bid" link/icon to complete the process of bid submission, otherwise the bid will not get submitted online and same shall not be available for viewing/opening during technical bid opening.

### **9.7). Refund of EMD of unsuccessful bidders:**

The EMD paid by the bidder will automatically be deposited in the "Pooling Account" of the State Govt. only and not in TCMPPF Ltd.'s account. Hence refund process will be initiated automatically, once the bid is rejected by TCMPPF Ltd. during technical / financial evaluation and TCMPPF Ltd. is no way responsible for refund of EMD of the unsuccessful bidders.

The EMD of successful bidder will be refunded on satisfactory completion of supply and installation of the tendered equipment.

### **9.8).EMD EXEMPTION**

9.8.1).The SSI Units claiming exemption from the payment of EMD subject to ensuring that the tendered items should be covered in their Registration Certificate showing the materials permitted to manufacture.

9.8.1.1).The firms located within the State of Tamil Nadu having Udyam Registration Certificate / NSIC, in respect of items manufactured by them for which tenders have been called for alone will be granted exemption from payment of EMD.**(Major activity should be Manufacturing)**

9.8.1.2). The firms located outside the State of Tamil Nadu having Udyam Registration Certificate /NSIC are not eligible for exemption from payment of EMD.

**9.8.1.3). EMD Exemption is not applicable for the Imported items**

Note: a).The offers will be rejected, if the firms located outside the State of Tamil Nadu have uploaded Udyam Registration certificate/NSIC towards Exemption from payment of EMD.

**b).If the bidder has participated as a supplier, they should pay the EMD amount as per the prescribed mode of payment. The exemption from EMD payment is only available for manufacturers. There is no exemption for suppliers from paying the EMD.**

**9.9).Tenders not accompanied with Online Payment towards the prescribed EMD or the relevant documentary proof for the exemption thereon shall be summarily rejected.**

**10.0). COST OF BIDDING**

The bidder shall bear all costs associated with the preparation and submission of its tender and TCMPPF Ltd. will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the tendering process.

**11.0. SUBMISSION OF e-TENDER**

**Two-part (Technical and Financial Bid) online system should be uploaded in e-Procurement Portal (<https://tntenders.gov.in>):**

**11.1). General Instructions for Two Part E-Tender:**

11.1.1). The tender invited under two stage tender system viz. (PART A) Technical Bid and (PART B) Financial Bid. The first stage enables TCMPPF Ltd. to know whether the Bidder is technically competent and capable of executing the order. Only those who qualify in the first stage would be eligible to take part in the second stage viz. Financial Bid. The Financial Bid of Bidders who failed in the first stage will not be opened.

11.1.2). Both the Technical and Financial Bids should be submitted in TN e-Procurement Portal <https://tntenders.gov.in>.

11.1.3). Documents listed in the Tender Clause No.11.2 shall be uploaded.

11.1.4). In Financial Bid – The firm rates alone are to be quoted in the Financial Bid – Annexure-IX (Excel & pdf Format) and to be uploaded online.

**11.2) Details to be Uploaded in the Technical Bid:**

11.2.1). Details of E-Remittance towards EMD Amount as per **Tender Clause No.5.1.**

11.2.2). If the bidder is claiming EMD exemption, a copy of valid document proof of EMD exemption to be uploaded in accordance with **Tender Clause No.9.8.**

11.2.3). Documentary evidence for manufacturer / authorized dealer of tendered item as per **Tender Clause No.5.2.**

11.2.4). Documentary evidence for average annual sales turn-over for the last three financial years (2020-21, 2021-2022, 2022-2023) as per **Tender Clause No.5.3.**

11.2.5). Documentary evidence for conforming to the tender specifications along with the catalogue of the quoted equipment mentioned with the Make/ Model No., as per **Tender Clause No. 5.4**

11.2.6). Copies of purchase orders / supply orders within a period of 5 financial years in respect of tendered items as per **Tender Clause No. 5.5.**

11.2.7). Copies of Satisfactory supply Completion Certificate / Performance Certificate (indicating the period of supply) for which Purchase Order / Supply order furnished as per 5.5 within a period of 5 years from the date of tender opening as per **Tender Clause No.5.6.**

11.2.8). The following Supporting Documents, including the Annexures / Amendments are to be uploaded duly signed and sealed in each and every page

11.2.8.1) : Profile of the Bidding Organisation as per Annexure-I

11.2.8.2) : Details of Abandonment of work Litigation / debarring done as per Annexure-II

11.2.8.3) : Declaration Form to accept the tender terms and conditions as per Annexure-III

11.2.8.4) : Service Centre and Service Personnel detail as per Annexure-IV

- 11.2.8.5) : Financial Capability as per Annexure-V
- 11.2.8.6) : Bidder's Experience Details as per Annexure – VI
- 11.2.8.7) : Compliance of Technical Specification as per Annexure- VII
- 11.2.8.8) : Any other documents wherever insisted in the tender document.

**11.3). Details to be Uploaded in Financial Bid:**

- 11.3.1). All rates shall be quoted as Excel & PDF file in the format provided in Annexure- VIII and no other format is acceptable.
- 11.3.2). This financial bid will be opened only if the bidder is qualified to execute the tender as per technical bid.

**12.0). SIGNING OF BIDS:**

- 12.1). The signatory of the tender should indicate his/their designation in which he/they have signed and submit necessary documentary proof admissible in law in respect of such authority assigned to him/them by the firm.
- 12.2). If the Qualification application is made by a FIRM in partnership, it shall be signed by all the partners of the firm with their full names and current address or by a partner authorized by the firm (either as per Articles of the Deed of Partnership / by power of attorney)- for signing in Tenders, Agreements etc. In which case, certified copy of the registered deed of Partnership along with the current address of all the partners and a certified photocopy of the Registered Power of Attorney issued in favour of the Signatory, should be produced.
- 12.3). If the Qualification Application is made by a Limited Company or a Limited Corporation, it shall be signed by a duly authorized person holding the Power of attorney for signing the application, in which case, the certified copy of the power of attorney shall accompany the qualification application. Such limited company or corporation shall also furnish satisfactory evidence of its' existence along with the Qualification schedule

**13.0). MODIFICATIONS / CLARIFICATIONS TO TENDER DOCUMENTS:**

- 13.1). At any time after the issue of the tender documents and before the opening of the tender, TCMPT Ltd. may make any changes, modifications or amendments to the tender documents and the same will be intimated

to the concerned vendors through corrigendum which can be downloaded from the vendor login.

13.2). If any bidder requests clarification on the tender documents within 48 hours before the tender opening, the DGM (QA), Head Office, TCMPF Ltd., will provide the necessary clarification.

13.3).The responses to the clarification will also be notified on <https://tntenders.gov.in> without indicating the source of query

13.4).TCMPF Ltd. at its discretion may or may not extend the due date and time for the submission of bids on account of amendments.

13.5).All the Bidders must periodically browse website <https://tntenders.gov.in> till the closing date of this Tender for any amendments or corrigendum issued in connection with this Tender. TCMPF Ltd. will not be responsible for any misinterpretation of the provisions of this tender document on account of the Bidders failure to update the bid documents based on changes announced through the website.

#### **14.0). WITHDRAWAL OF BIDS**

14.1). No Bidder shall be allowed to withdraw the tenders after submitting the tender on the portal. If do so their EMD will be forfeited.

#### **15.0). OPENING OF e-TENDER**

##### **15.1). Opening of Technical Bids without Price (Part-I):**

15.1.1).The Tender offers except Financial Bid will be opened electronically on the date and time notified at the Office of the Deputy General Manager (QA), TCMPF Ltd., No.3A, Aavin Illam, 4<sup>th</sup>Floor, Pasumpon Muthuramalingam Salai, Nandanam, Chennai – 600 035, through e-Procurement Portal <https://tntenders.gov.in> in the presence of Committee members authorized by the Managing Director, TCMPF Ltd

15.1.2). Technical Bid would be opened first on the due date and time. Pre-Qualification Criteria such as payment of EMD and compliance with pre-qualification conditions will be checked. The supporting documents would be cross checked wherever required.

15.1.3). Only the Technical Bid will be opened on the due date.

15.1.4). In the event of the specified date for tender opening day is declared as a holiday, bids will be opened on the next working day at the same time and venue.

## **15.2) Opening of the Financial Bids: (Part - II)**

The Financial Bid of the technically qualified bidders will be opened in the presence of committee members authorized by the Managing Director, TCMPF Ltd. through e-Procurement Portal <https://tntenders.gov.in>

## **16.0). e-TENDER EVALUATION CRITERIA**

The tenders will be evaluated strictly as per the Tamil Nadu Tenders Transparency Act 1998 and the Tamil Nadu Transparency in Tenders Rules 2000 and amendments made thereon in the Act & Rules by the Government

### **16.1). Technical Bid Evaluation:**

Bidders will be eligible for further processing, only if they fulfil the following criteria:

- 16.1.1). Payment of EMD or submission of valid Exemption Certificate in accordance with Tender Clause No.9.0.
- 16.1.2). Furnishing the tender document, Annexures, Amendments if any and any other document wherever insisted in the tender document duly signed.
- 16.1.3). Compliance with the Pre-Qualification Criteria indicated in Tender Clause no 5.0
- 16.1.4). Compliance with Technical specifications of tendered items as per tender Clause 28.0.
- 16.1.5). If any clarification is needed from the bidder about the deficiency in his uploaded documents in technical bid he will be asked to provide it through Tamil Nadu Tender portal. The bidder shall upload the requisite clarification/ documents within the time specified failing which tender will be liable for rejection.
- 16.1.6). TCMPF Ltd. will prepare a list of Bidders based on the compliance of detailed Technical Specifications for tendered item and company profile as given in Tender form. The Tenders, which do not conform to the Technical Specifications or Tender conditions or Tenders from

Companies without adequate capabilities for supply shall be rejected.

The eligible bidders alone will be considered for further evaluation.

16.1.7).The veracity of the bidder-uploaded documents will be verified wherever required.

## **16.2).Financial Bid Evaluation**

16.2.1).For the purpose of evaluation of tender offers, the following factors will be taken into account for arriving the evaluation price.

16.2.2).The evaluation of offer will be computed by taking into account Supplyand Installation put together.

16.2.3).The evaluation for L1 shall be on total end price of all items.

## **17.0).REJECTION OF TENDERS**

### **17.1). Tender will be SUMMARILY rejected if**

17.1.1). The EMD requirements are not complied with as specified in Tender Clause 9.0.

17.1.2). Bid Pre-Qualification Criteria as specified in Tender Clause 5.0 are not complied with.

17.1.3). If the documents furnished with the offer is found to be bogus or the documents contains any false particulars.

17.1.4). If the Financial Document mentioned with rate/value is enclosed with the Technical document.

### **17.2). Tender is LIABLE to be rejected, if it is:**

17.2.1).Not covering the entire scope of supply, erection and commissioning of equipment/ materials with all accessories.

17.2.3).Not in conformity with TCMPF LTD.'s tender terms and Technical Specifications.

17.2.4). Not properly signed by the bidder.

17.2.6). From any black listed Firm or Contractor.

17.2.7). Received by Telex/Telegram / E-Mail /fax.

17.2.8). Not containing all required particulars as per Annexures Ito VII.

17.2.9).**Offer submitted without GSTIN and PAN is liable for rejection.**

## **18.0). NEGOTIATION**

TCMPF Ltd. reserves the right to negotiate with the Bidder whose offer is the lowest evaluated price for further reduction of price. TCMPF Ltd. Ltd also

reserves the right to negotiate with other Bidders to match the negotiated L1 price, strictly according to the Tamil Nadu Transparency in Tenders Rules, 2000.

**19.0). VALIDITY OF PRICE TENDER:**

19.1).The rate quoted should be valid for a minimum period for 180 days for acceptance from the due date. The offers with lower validity period are liable for rejection. During the validity period, no bidder is permitted to make any upward revision in the rate. Further no bidder is permitted to withdraw their offer within the validity period of the tender or before finalisation of Tender.

19.2).In exceptional circumstances, TCMPF Ltd. Ltd may solicit the bidder's consent for an extension of the period of validity totally not exceeding 180 days. The request and the responses thereto shall be made in writing.

**20.0) DEVIATIONS :**

20.1).The offers of the Bidders with Deviations in Commercial terms and Technical Terms of the Tender Document are liable for rejection.

20.2).No alternate offer will be accepted.

20.3).No deviation will be allowed from the tender terms and conditions. Tenders with deviation will be summarily rejected. The Bidder has to submit a Certificate that the tender is in complete conformity with the tender terms and conditions as per format vide Annexure-IV

**21.0). PAYMENT TERMS:**

**21.1). Supply & Installation:**

21.1.1). The 70% of basic price + taxes and other charges shall be released on receipt of satisfactory Supply tendered items in good condition at site

21.1.2). The remaining 30% of payment shall be released after 3 months from the date of satisfactory Supply & Installation of the tendered items

21.1.3). Bidder shall submit all the documents mentioned as per the Tender Terms & Conditions along with the invoice.

**21.2).NO OTHER TERMS OF PAYMENT WILL BE ENTERTAINED.**

**22. WARRANTY:**

22.1 The entire equipment should be guaranteed for satisfactory operation & performance and good workmanship during the Warranty period. This



warranty shall include all spares & components (including those spares that can be deemed as consumable components).

- 22.2. Any defects noticed during this period shall be rectified free of cost to the TCMPF Ltd. immediately on intimation of defect/ failure. The incidental expenses like Packing & Forwarding charges, Freight & Insurance charges etc. for replacement of defective equipments within the warranty period shall also be borne by the supplier. Irrespective of number of failures and repairs, the suppliers are responsible for replacement of defective materials till the warranty period.
- 22.3. A written warranty to the TCMPF Ltd. against defects in the materials supplied, either in materials or workmanship should be furnished preferably along with the bill payment. The warranty shall be operative from the date of supply or from the date of satisfactory installation whichever is later.
- 22.4. Any defects or failure occurring within the warranty period shall be replaced free of cost within the maximum 15 Days (Fifteen Days) from the date of receipt of intimation from the purchaser on such defects of failures. Any expenditure incurred in the transportation of material / equipment for rectification or replacement will be to the supplier's account.

**23.0). FORCE MAJEURE:**

- 23.1). Failure or delay in the part of bidder for supply due to force majeure causes enumerated here under shall be considered, provided the supplier produces documentary evidence.
- a. Any cause which is beyond the reasonable control of the bidder.
  - b. Natural phenomena, such as floods, drought, earthquakes and epidemics.
  - c. Act of any Govt. Authority, domestic or foreign, such as wars declared or undeclared quarantines, embargoes licensing control on production or distribution restrictions.
  - d. Accident and disruptions such as fire, explosion, increase in power cut with respect to date of tender opening etc.,
  - e. Strikes, slow down and lockouts.

23.2).The cause of force majeure condition will be taken into consideration only if the supplier notifies within 30 days from the occurrence of such eventualities. The purchaser shall verify the facts and grant such extension as the facts justify. For extension due to force majeure conditions, the supplier shall submit his representation with documentary evidence for scrutiny by the purchaser and decision of the purchaser shall be binding on the time.

**24.0). DISPUTES AND ARBITRATION:**

In case of disputes arising out of this tender, an arbitrator as mutually acceptable to the bidder and TCMPF will be appointed by the Managing Director, TCMPF Limited. The arbitrator's decision shall be final, conclusive and binding on both the parties.

**25.0). LEGAL JURISDICTION**

In case if either party to the tender is aggrieved by the award of the arbitrator so appointed as per clause 24.0 or otherwise, they can appeal to Court of Deputy Registrar (Dairying), Thiruvallur. The legal jurisdiction will be only Deputy Registrar (Dairying), Thiruvallur Court.

**26.0). AMBIGUITIES IN CONDITIONS OF TENDERS:**

In the case of ambiguous or contradictory terms / conditions mentioned in the bid, interpretation as may be advantageous to the purchaser will be taken without any reference to the Bidder.

**27.0).RIGHTS OF THE TCMPF:**

27.1).Time being the essence of contract no variation shall be permitted in the delivery time as prescribed in the delivery schedule. If the bidder fails to supply and execute the work in full or part of the order as per the delivery schedule, the TCMPF shall reserve the right to cancel the order besides forfeiture of Security Deposit.

27.2).Notwithstanding anything contained in the tender schedule, no obligation rests on the TCMPF to accept the lowest tender and the TCMPF shall also have the right to accept or reject any or all the tenders fully or partly without assigning any reasons.

27.3).For violation of any of the terms and conditions of the contract, the TCMPF reserves the right to terminate the contract, with or without notice as applicable.

27.4) The Managing Director, TCMPF reserves the right to cancel the tender at any time without any notice.

## 28.0). TECHNICAL SPECIFICATION FOR FTIR SPECTROMETER

<b>Application</b>	<ul style="list-style-type: none"> <li>• Computer-controlled fully automatic FTIR capable of performing qualitative and quantitative analysis. Should be able to analyze solids, liquids, thin films, and powder.</li> </ul>
<b>Optical System</b>	<ul style="list-style-type: none"> <li>• The spectrometer should be able to record the spectrum of a sample in the wave number region of 8000- 350cm<sup>-1</sup> or better</li> <li>• The system should be sealed and desiccated. No need for purging of gas.</li> <li>• Spectrometer must provide a 10-year warranty or better on the interferometer, laser and source.</li> <li>• Desiccant, power supply, sample compartment windows and infrared source must be user-replaceable without opening the cover.</li> </ul>
<b>Interferometer</b>	<ul style="list-style-type: none"> <li>• Interferometer must be supplied with Dynamic alignment with KBr/ Gemid-infrared beam splitter</li> </ul>
<b>Spectral Resolution</b>	<ul style="list-style-type: none"> <li>• 0.6cm<sup>-1</sup> or better</li> </ul>
<b>Signal to Noise Ratio</b>	<ul style="list-style-type: none"> <li>• It shall be 50,000:1 (peak-to-peak, oneminute) or better</li> </ul>
<b>Wave Number Precision</b>	<ul style="list-style-type: none"> <li>• It shall be 0.1cm<sup>-1</sup> or better</li> </ul>
<b>Wave number accuracy</b>	<ul style="list-style-type: none"> <li>• It shall be 0.1cm<sup>-1</sup> or better</li> </ul>
<b>Ordinate Linearity</b>	<ul style="list-style-type: none"> <li>• It shall be &lt;0.15% or better</li> </ul>
<b>Detector</b>	<ul style="list-style-type: none"> <li>• Deuterated triglycine sulfite DTGS/ DLaTGS detector</li> </ul>
<b>Source</b>	<ul style="list-style-type: none"> <li>• Spectrometer must have an on-migrating hot spot single-point Infrared source with a minimum 10-year warranty.</li> </ul>
<b>Laser</b>	<ul style="list-style-type: none"> <li>• Solid-state, temperature-controlled diode laser with long life time with a 10-year warranty</li> </ul>
<b>Instrument calibration/ performance verification</b>	<ul style="list-style-type: none"> <li>• The system must be provided with internal/ External NIST-traceable 1.5MIL polystyrene film with 3 Years or more validity certificate</li> </ul>
<b>ATR</b>	<ul style="list-style-type: none"> <li>• Should be supplied Diamond ATR crystal (Monolithic crystal) with all accessories</li> </ul>

<b>Software</b>	<ul style="list-style-type: none"> <li>• Instrument should have Mechanism to automatic atmospheric suppression to remove moisture and CO<sub>2</sub> interferences.</li> <li>• Advanced data processing options like baseline correction, peak area, peak height measurements, smoothing, spectral comparison etc. must be available.</li> <li>• Software should have tools for Quantification method development using Beers' law, PLS, CLS etc.</li> <li>• Additional Software should be provided for multi-component search of mixture samples and should have IR interpretation tools.</li> <li>• Software must have the ability to automatically create a workflow based on the processing history of a spectrum.</li> </ul>
<b>Library</b>	<ul style="list-style-type: none"> <li>• FTIR spectral libraries must be available with at least 25000 spectra.</li> <li>• It should include spectra of organic and inorganic compounds with at least 25000 spectra.</li> <li>• Libraries should be provided for Polymer Additives and Plasticizers transmission, Polymer Additives and Plasticizers ATR, Common Materials &amp; White Powders, Inorganics Library, hydrocarbons, Georgia forensic library, Vapor Phase Library, General Chemicals- hydrocarbons, alcohols, phenols, aldehydes, ketones, esters, anhydrides, lactones, dyes, indicators, alkynes, nitro and azo compounds, phosphorous and sulphur containing compounds, inorganics, silanes.</li> </ul>
<b>Communication</b>	<ul style="list-style-type: none"> <li>• System should be capable of configuring with USB and LAN.</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• 2 Year for FTIR &amp; ATR</li> <li>• 10 Years warranty for Source, Laser and Interferometer.</li> </ul>
<b>Accessories</b>	<ul style="list-style-type: none"> <li>• 15 Ton Hydraulic Press</li> <li>• 13 mm Pellet Die (KBr Die Set)</li> <li>• Agate Mortar &amp; Pestle</li> <li>• Liquid Demountable Cell with NaCl windows</li> <li>• KBr Powder</li> </ul>
<b>UPS</b>	<ul style="list-style-type: none"> <li>• 5 KVA Branded UPS with backup of 30 Min.</li> </ul>
<b>PC and Printer</b>	<ul style="list-style-type: none"> <li>• The quote should also include the required suitable DELL Computer. Suitable Dell Computer: windows 10 OS and 21" Colour Monitor, Intel Core i7- 11500 11<sup>th</sup> Gen Processor, 16 GB RAM, 2 TB SDD or better.</li> </ul>
<b>Training &amp; Service Support</b>	<ul style="list-style-type: none"> <li>• Training will also be required to be given to the users on the operation and applications on different food products as per the requirement at the time of installation.</li> <li>• Bidder/OEM shall attend any service-related queries within 48 hrs during Warranty &amp; AMC Period</li> </ul>

**ANNEXURE-I**  
**(Details in Letter Head of the Bidder)**

**PROFILE OF THE BIDDING ORGANISATION**

The Bidder shall furnish the following details without fail:

<b>Manufacturer / Supplier</b>	
Name of the Organization	
Nature of the Organization:	1. <input type="checkbox"/> Individual contractor 2. <input type="checkbox"/> Sole Proprietary Firm 3. <input type="checkbox"/> Firm in Partnership 4. <input type="checkbox"/> Private Limited Company 5. <input type="checkbox"/> Public Limited Company
Year of Incorporation ( <b>Furnish copy of Certificate of incorporation</b> )	
<b>Main line of Business</b>	
Address of the Registered Office:	
Contact Person Name	
Contact Person Mobile	
E-Mail Address	
Name, position, status, capacity etc, of the Key personnel/ directors of the company (Attach organization chart showing the structure of the company / firm)	
Name, capacity and address of the signatory who has Signed the Qualification Application. Attested copy of authorization issued (either by power of attorney or as per articles of Partnership Deed / Memorandum of Association) in favour of the signatory to sign the qualification Application price Tender/ Agreement should be appended.	
GST Registration Number ( <b>Furnish copy of GST Certificate</b> )	
PAN Number ( <b>Furnish copy of PAN Card</b> )	
Copy of Income Tax Returns for last three previous financial years	

Note: The Bidder must upload documentary proof for the above details without fail.

I/we hereby declare that the details furnished above are true and correct to the best of my knowledge. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I/we am/are aware that I/we may be held liable for it.

Signature of the Bidder with office seal

Place:

Date:

**ANNEXURE-II**

**(Details in Letter Head of the Bidder)**

**INFORMATION REGARDING CURRENT LITIGATION / DEBARRING /  
EXPELLING OF APPLICANT OR ABANDONMENT OF WORK BY THE  
APPLICANT**

1. (a) Is the Applicant currently involved in any Arbitration / litigation relating to any contract works	Yes/No
(b) If Yes, Details thereon	
2. (a) Has the Applicant or any of its constituent partners been Debarred/Expelled by any agency during the last Three years	Yes/No
(b) If yes, Details thereon	
3. (a) Has the Applicant or any of its constituent Partners failed to complete, any contract work during the past Three years	Yes/No
(b) If yes, give details thereon	

Signature of the Bidder with office seal

**Note:** If any information in this Annexure is found to be incorrect or concealed, the Qualification Application will be summarily rejected & price tender will not be opened.

**ANNEXURE-III**

**(Details in Letter Head of the Bidder)**

**DECLARATION FORM**

**(To be signed with company seal on letter head and uploaded in the  
Technical Bid)**

To

The Dy. General Manager (QA),  
TCMPF Ltd.,  
Head Office, Aavin Illam, 3-A,  
PasumponMuthuramalinganar Salai,  
Nandanam, Chennai – 600 035.

Sir,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Ref. No.: 2503/DGM(QA)/HO/2025

Name of Tender / Work / Item: Supply and Installation of "FTIR  
SPECTROMETER- 1 No. to Research and  
Development Laboratory, Products Dairy,  
Ambattur

\*\*\*\*\*

We, the undersigned, declare that:

- 1) I / We hereby certify that I / we have read the entire terms and conditions of the tender documents including all documents like detailed technical specification, annexure(s), etc ,
- 2) I/we agree to abide by all the detailed specifications, terms and conditions stipulated by the TCMPF LTD. which I/we have read and understood.
- 3) I/we certify that I/we have fully read and understood the instruction to bidders for online bid submission given by TCMPF LTD., and any lapse in improper submission of the bids result in rejection of the bid submitted.
- 4) I/we certify that the tender is offered without any alteration / addition / omission.

- 5) The corrigendum(s) issued from time to time by your department/ organisation too has also been taken into consideration, while submitting this declaration form
- 6) I/ we certify that all the conditions of the tender are accepted.
- 7) I/we agree that the TCM PF LTD., is not responsible for any data corruption that might arise during the transmission / uploading of data in the website or due to disruption in communication error in my / our tender.
- 8) I/we agree that the TCM PF LTD., has right to change schedule of opening or any technical corrective action to resolve any error that might arise during the opening of the e-tender by TCM PF LTD.
- 9) I/we certify that I/we are responsible for the uploading of correct copies of scanned documents as per the e-tender procedure of TCM PF LTD.
- 10) I /we understand that any error in doing so my /our tender may be summarily rejected by TCM PF LTD.
- 11) I/We hereby agree to hold the tender offer valid for acceptance for a period of 180 days from the date of opening of Part – I – Technical bid
- 12) In the event of failure on my / our part to comply with all the requirements mentioned in this tender document I / we unconditionally agree that the department is at its liberty to reject my/our tender including the forfeiture of the full said earnest money deposit absolutely.

Signature of the Bidder with office seal

Place:

Date:



**ANNEXURE – IV**

**(Details in Letter Head of the Bidder)**

**DETAILS OF SERVICE CENTRE & SERVICEPERSONNEL**

<b>S.No.</b>	<b>Service Centres in Tamil Nadu</b>	<b>Name &amp; Contact Details of Qualified Service Personnel</b>

Signature of the Bidder with office seal

Place:

Date:

## ANNEXURE – V

### (Details in Letter Head of the Bidder)

#### FINANCIAL CAPABILITY

The Average Annual Sales / Revenue Turnover of M/s..... (Name of Firm) ..... and address ..... for the past three years are given below and certified that the statement is true and correct: -

S. No.	Financial Years	Sales / Revenue Turnover in Lakhs (Rs)
1.	2021-22	
2.	2022-23	
3.	2023-24	
	Total	

Average annual Sales / Revenue turnover - Rs. \_\_\_\_\_ Lakhs

**Note:** -The Bidder must upload either the Annual Turn Over Certificate for above 3 years certified by Chartered Accountant or Annual statement of Accounts (i.e.) Profit & Loss Accounts and Balance Sheet for the above 3 years certified by Chartered Accountant in support of Annual Turn Over without fail.

Signature of the Bidder with office seal

Place:

Date:

## ANNEXURE – VI

### (Details in Letter Head of the Bidder)

#### BIDDER'S EXPERIENCE DETAILS

Details of purchase orders successfully executed in last five years shall be summarized chronologically in the given format and copies of the same may be scanned and uploaded

S. No.	Name and address of the Purchaser	Name of the Works/Items	Purchase Order No. & Date	Qty.	Value of order in Rs. Lakhs	Performance Certificate obtained on
1.						
2.						
3.						
4.						
5.						

Signature of the Bidder with office seal

Place:

Date:

**ANNEXURE – VII**

**(Details in Letter Head of the Bidder)**

**COMPLIANCE OF TECHNICAL SPECIFICATION**

<b>S.No.</b>	<b>Name of the Equipment</b>	<b>Brand Name &amp; Model No.</b>	<b>TCMPF Ltd. Specification</b>	<b>Specification of the Quoted Model</b>	<b>Please specify whether the quoted model meets the specification (Yes/No)</b>
1	FTIR Spectrometer				

**Note: OEM Product Catalogue with all the technical details to be enclosed along with the above details**

Signature of the Bidder with office seal

Place:

Date:

**ANNEXURE-VIII**  
**(Details in Letter Head of the Bidder)**  
**FINANCIAL BID**

I/We have gone through and understood all the terms and conditions of the tender and will abide by all the condition laid down for the supply of tendered item as per the detailed scope of work, terms and conditions laid down in the tender document.

<b>S. No.</b>	<b>Name of the Equipment</b>	<b>Make &amp; Model</b>	<b>Qty. (in No.)</b>	<b>Rate per unit</b>	<b>GST (in %)</b>	<b>Price in INR (Including GST)</b>
1	FTIR Spectrometer		1			

*Note:*

*1). The rate quoted in the Financial Bid shall remain constant during the period of contract or till extended period if any and no other additional charges on any account will be claimed. The above rate is on F.O.R. which is inclusive of all viz. GST/IGST for supply and installation, transit charges, loading and unloading charges, etc.,*

*2). All the rates should be only in terms of Indian Rupees.*

Signature of the Bidder with office seal

Place:

Date:

**CHECK LIST**

**BIDDER TO FILL IN THE CHECK LIST AND UPLOAD IN THE ONLINE PORTAL WHILE SUBMITTING THE TENDER**

(State YES / NO for each item)

Kindly ensure compliance of the under-mentioned requirements, as per Tender Terms and Conditions.

S. No.	Description	Bidders Response
<b>I. TECHNICAL BID</b>		
1.	Whether details of E-Remittance towards EMD Amount is uploaded 5.1	Yes/No
2.	If the bidder is claiming EMD exemption, a copy of valid document proof of EMD exemption to be uploaded in accordance with Clause No.9.8	Yes/No
3.	Whether documentary evidence for manufacturer / supplier as per tender clause 5.2 are uploaded	Yes/No
4.	Whether documentary evidence for average annual sales turn-over as per tender clause 5.3 are uploaded	Yes/No
5.	Whether documentary evidence for catalogue of the quoted equipment mentioned with the Make/ Model No., conforming to the tender specifications No. 5.4 are uploaded.	Yes/No
6.	Whether the copies of purchase orders / supply orders as per Tender Clause as per Tender Clause No. 5.5 are uploaded.	Yes/No
7.	Whether the copies of Satisfactory supply Completion Certificate / Performance Certificate as per tender clause 5.6 are uploaded	Yes/No
8.	Whether the tender documents are signed & stamped with company seal and uploaded	Yes/No
9.	Whether the following Supporting Documents, including the Annexures / Amendments are uploaded duly signed and sealed in each and every page, failing which their offer will be rejected	Yes/No
	Profile of the Bidding Organisation as per Annexure-I.	Yes/No
	Details of Abandonment of work Litigation / debarring done as per Annexure -II	Yes/No
	Declaration Form as per Annexure-III	Yes/No
	Details of Service Centre and Technical Personnel as per Annexure-IV	Yes/No
	Financial Capability as per Annexure-V	Yes/No
	Bidder's Experience Details - Annexure - VI	Yes/No
	Compliance of Technical Specification Annexure- VII	Yes/No
<b>II. FINANCIAL BID</b>		
10.	Whether the Financial Bid - Annexure- VIII (Excel & pdf Format) is filled and uploaded	Yes/No

Note: Please ensure that all the relevant boxes are marked YES / NO against each column

**Important Note:** Bidders must ensure to upload all the required documents indicated in the Tender document without fail in the Online Portal. Bids uploaded without supporting documents (See Clause No 5 Pre-Qualification Criteria) in respect of the various requirements mentioned in the tender document are liable to be rejected at the initial stage itself.