

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



(E-Tender through eProcurement Portal at <https://tntenders.gov.in>)

E-Tender Document for

**"SUPPLY AND INSTALLATION OF PACKING MATERIAL TESTING
EQUIPMENTS- 10 NOS. AT RESEARCH AND DEVELOPMENT
LABORATORY, PRODUCTS DAIRY, AMBATTUR, CHENNAI"**

Tender Reference No:2325/DGM (QA)/HO/2023

THE DEPUTY GENERAL MANAGER (QA),

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

Head Office, Aavin Illam,

3-A, Pasumpon Muthuramalinganar 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	THE MANAGING DIRECTOR, TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED No.3A, Aavin Illam, Pasumpon Muthuramalingam Salai, Nandanam, Chennai – 600 035. Phone : 044-23464500/01/02/03/04/05 E-Mail: purchaseqcho@aavin.tn.gov.in , aavindgmqcho@gmail.com																																																
2.	Name and address of the User	The Deputy General Manager (QA), No.3A, Aavin Illam, 4 th Floor, Pasumpon Muthuramalingam Salai, Nandanam, Chennai – 600 035. Phone : 044-23464500/01/02/03/04/05 E-Mail: purchaseqcho@aavin.tn.gov.in , aavindgmqcho@gmail.com																																																
3.	Name of the Item / Work	Supply & Installation of Packing material Testing Equipments - 10 Nos. at Research and Development Laboratory, Products Dairy, Ambattur, Chennai																																																
4.	Method of Tender	e-Tender System (Online Technical Bid and Financial Bid) through e-Procurement Portal https://tntenders.gov.in																																																
5.	TCMPF Ltd Bid Reference No.	2325 /DGM(QA)/HO/2023																																																
6.	Tender Estimated Value	Rs. 20.5 Lakh (Rupees Twenty Lakh and fifty thousand only) <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">S. No</th> <th style="text-align: center;">Name of the Item</th> <th style="text-align: center;">Qty</th> <th style="text-align: center;">Approx. cost Rs. (in lakh)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Dart impact tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.50</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Adhesion Strength tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2.00</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Drop tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1.50</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Scuff resistance tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1.50</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Hot tack tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1.50</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Cobb sizing tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.50</td> </tr> <tr> <td style="text-align: center;">7</td> <td>Flex tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1.00</td> </tr> <tr> <td style="text-align: center;">8</td> <td>Tensile testing machine</td> <td style="text-align: center;">1</td> <td style="text-align: center;">5.00</td> </tr> <tr> <td style="text-align: center;">9</td> <td>Puncture resistance tester</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2.00</td> </tr> <tr> <td style="text-align: center;">10</td> <td>Automatic Digital Bursting strength apparatus</td> <td style="text-align: center;">1</td> <td style="text-align: center;">5.00</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total Amount Rs. (in Lakhs.)</td> <td style="text-align: center;">20.5</td> </tr> </tbody> </table>	S. No	Name of the Item	Qty	Approx. cost Rs. (in lakh)	1	Dart impact tester	1	0.50	2	Adhesion Strength tester	1	2.00	3	Drop tester	1	1.50	4	Scuff resistance tester	1	1.50	5	Hot tack tester	1	1.50	6	Cobb sizing tester	1	0.50	7	Flex tester	1	1.00	8	Tensile testing machine	1	5.00	9	Puncture resistance tester	1	2.00	10	Automatic Digital Bursting strength apparatus	1	5.00	Total Amount Rs. (in Lakhs.)			20.5
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7.	Earnest Money Deposit (EMD)	Rs. 20,500/- (Rupees Twenty thousand and Five Hundred only)																																																
8.	URL for online bid submission for e-tender	https://tntenders.gov.in																																																
9.	Cost of Tender Document	Tender documents can be downloaded at free of cost from the website https://tntenders.gov.in																																																
10.	Tender Document Availability on the Portal	From: 14.09.2024 to 03.10.2024																																																

11.	Date of Pre-Bid meeting	NA
12.	Date of Closing of e-Submission of Technical Bid and Financial Bid.	Date: 03.10.2024 Time:3.00 PM
13.	Date and time of opening of Part- I Technical Bid of e-Tender	Date: 04.10.2024 Time: 3.00 PM

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ACRONYMS USED IN THE TENDER DOCUMENT

TCMPF	TAMILNADU COOPERATIVE MILK PRODUCERS' FEDERATION LIMITED
DCMPU	DISTRICT COOPERATIVE MILK PRODUCERS' UNION 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

TECHNICAL BID

1.0).PREAMBLE OF E-TENDER:-

1.1). The Dy. General Manager (QA), Head Office, TCMPF Ltd. invites Bids by way of E-Submission only from reputed manufacturers / authorized suppliers or dealers to submit e-Tender for [Supply and Installation of Packing Material Testing Equipments- 10 Nos. 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 ALL OTHER TENDER REQUIREMENTS IN ADDITION TO THE "PRE-QUALIFICATION CRITERIA" TO QUALIFY IN THE TECHNICAL BID

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.

Pre-Qualification Criteria	Proof to be submitted for fulfilling the Pre-Qualification Criteria
<p>5.1). The bidder should be a manufacturer / authorized dealer of below mentioned tendered items.</p> <ol style="list-style-type: none">1. Dart Impact Tester- 1 No.,2. Adhesion Strength tester-1 No.3. Drop tester- 1 No.4. Scuff resistance tester- 1 No.5. Hot tack tester- 1 No.6. Cobb sizing tester- 1 No.7. Flex tester- 1 No.8. Tensile Testing machine- 1 No.9. Puncture resistance tester- 1 No.10. Automatic Digital Bursting Strength Apparatus- 1 No.	<p>1). The bidder, being a manufacturer of the tendered items, should furnish necessary documents evidence such as</p> <ul style="list-style-type: none">✓ MSME Udyam Registration Certificate✓ NSIC Certificate✓ Valid ISO certificates <p>to prove that they are the manufacturers of tendered items.</p> <p>2). If the bidder is an authorized dealer/supplier of an original manufacturer of tendered items, they should furnish</p> <ul style="list-style-type: none">✓ a valid authorization letter as per Annexure-VI from the original manufacturer mentioning this tender reference, to the effect that the bidder is their authorized dealer for the items mentioned in the tender.✓ an undertaking obtained from the original manufacturer that full back-up service facilities shall be offered by the manufacturer for the tendered items/ works to be supplied by their dealer. <p>Bidder should also submit necessary evidences, obtained from their principal (Original Manufacturer), such as</p> <p>For Indian items:</p> <ul style="list-style-type: none">✓ MSME Udyam Registration Certificate✓ NSIC Certificate✓ Valid ISO certificates <p>For Imported items:</p> <ul style="list-style-type: none">✓ Valid ISO Certificate

Pre-Qualification Criteria	Proof to be submitted for fulfilling the Pre-Qualification Criteria
	<p>✓ Valid CE Certificate to prove that their principal is a manufacturer of tendered items/ works.</p> <p>3). If the bidder is an authorized dealer / supplier for tendered items, then the experience of the original manufacturer for supply of tendered items/ works, their performance shall 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.</p> <p>4). The bidder shall capable of supply & installation of all the items listed in the Bid. If any items are omitted by the bidder, the bid will not be considered for evaluation further.</p>
<p>5.2). CONFORMITY OF TECHNICAL SPECIFICATIONS The bidder should meet out all the parameters mentioned in the Technical Specification.</p>	<p>Bidder should enclose the Annexure-VII along with the catalogue of the quoted equipment mentioned with the Make/ Model No., conforming to the tender specifications.</p>
<p>5.3). PAST EXPERIENCE: The bidder should have previous experience for supply & installation of tendered items during the last 5 financial years in India either to any Govt. / Quasi Govt. and Private organizations. (i.e.2019-20, 2020-2021, 2021-2022, 2022-2023, 2023-2024)</p>	<p>Bidder should enclose the copy of purchase orders / supply orders of following tendered items within a period of 5 financial years in India either to any Govt. / Quasi Govt. and Private organizations. (minimum supply of 1 no. in each item) (i.e.2019-20, 2020-2021, 2021-2022, 2022-2023, 2023-2024)</p> <ol style="list-style-type: none"> 1. Dart Impact Tester- 1 No., 2. Adhesion Strength tester-1 No. 3. Drop tester- 1 No. 4. Scuff resistance tester- 1 No. 5. Hot tack tester- 1 No. 6. Cobb sizing tester- 1 No. 7. Flex tester- 1 No. 8. Tensile Testing machine- 1 No. 9. Puncture resistance tester- 1 No. 10. Automatic Digital Bursting Strength Apparatus- 1 No.
<p>5.4). PERFORMANCE CRITERIA: The performance certificate of each item received from any Govt. / Quasi Govt. and Private organizations in India should be of within a period of 3 years for the tendered items</p>	<p>Bidder should enclose the copy of Satisfactory Performance Certificate for atleast 5 of the tendered items in the letter head of any Govt. / Quasi Govt. and Private organizations in India (indicating the period of supply) within</p>

Pre-Qualification Criteria	Proof to be submitted for fulfilling the Pre-Qualification Criteria
(i.e.2021-2022,2022-2023,2023-2024)	a period of 3 years (i.e.2021-2022, 2022-2023, 2023-2024). (Multiple quantity of same item shall be considered as performance of single item.)
5.5). FINANCIAL TURNOVER: The bidder shall have average annual sales turn-over equal to the tender estimated value (i.e. min 20.5 Lakh) for the last three financial years (2020-21, 2021-2022, 2022-2023)	Bidder should enclose either the Annual Turn Over Certificate for the 3 financial years i.e., 2020-21, 2021-2022, 2022-2023 certified by Chartered Accountant or Annual statement of Accounts (i.e.) Profit & Loss Accounts/Balance Sheet for 3 financial years as mentioned above certified by Chartered Accountant
5.6). ACCEPTANCE OF TENDER TERMS AND CONDITIONS	Bidder should upload the signed/digitally signed tender documents. If any documents are omitted by the bidder, the bid will not be considered for evaluation further

6.0) SCOPE OF WORK

Supply and Installation of Packing Material Testing Equipments – 10 Nos. for 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 all the equipments to the laboratory located in 1st Floor on their own.

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 : 2 weeks from the readiness of site (or) receipt of Materials at site whichever is later.

8.0). TOTAL QUANTITY TO BE SUPPLIED

8.1). Details of quantity of following equipments to be supplied is as follows

Sl. No.	Name of equipment	Qty.
1	Supply and Installation Packing Material Testing Equipments – 10 Nos. for Research and Development Laboratory, Products Dairy, Ambattur as follows 1. Dart Impact Tester- 1 No., 2. Adhesion Strength tester-1 No. 3. Drop tester- 1 No. 4. Scuff resistance tester- 1 No. 5. Hot tack tester- 1 No. 6. Cobb sizing tester- 1 No. 7. Flex tester- 1 No. 8. Tensile Testing machine- 1 No. 9. Puncture resistance tester- 1 No. 10. Automatic Digital Bursting Strength Apparatus- 1 No.	10 Nos.

8.2). The Bidder should ensure that the quantity of supply of tendered items should be as per the delivery schedule given by the Unit. However, TCMF reserves the right to modify the quantity ordered depending upon the requirement

9.0). EARNEST MONEY DEPOSIT

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

Sl. No.	Name of equipment	EMD amount
1	Supply and Installation of Packing Material Testing Equipments – 10 Nos. for Research & Development Laboratory, Products Dairy, Ambattur	Rs.20,500.00

9.2). Online payment gateway has been enabled for Tamil Nadu Co-operative Milk Producers' Federation Limited, Chennai in e-Procurement 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. TCMPF 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 TCMPF's account. Hence refund process will be initiated automatically, once the bid is

rejected by TCMPF during technical / financial evaluation and TCMPF is no way responsible for refund of EMD of the unsuccessful bidders.

9.8). EMD EXEMPTION

9.8.1).The SSI Units claiming exemption from the payment of EMD subject to ensuring that the tendered item 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.

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: The offers will be rejected, if the firms located outside the State of Tamil Nadu has uploaded Udyam Registration certificate/NSIC towards Exemption from payment of 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 TCMPF 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 proposes two stage tender system viz. (PART A) Technical Bid and (PART B) Financial Bid. The first stage enables TCMF 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 Online Portal <https://tntenders.gov.in>.

11.1.3). In Technical Bid – 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.

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.5.1.**

11.2.4). Documentary evidence of catalogue of the quoted equipment mentioned with the Make/ Model No., conforming to the tender specifications as per **Tender Clause No. 5.2**

11.2.5).Copies of purchase orders / supply orders within a period of 5 financial years in respect of tendered items as per **Tender Clause No. 5.3.**

11.2.6).Copies of Satisfactory supply Completion Certificate / Performance Certificate (indicating the period of supply) for which Purchase Order / Supply order furnished as per 5.2 within a period of 3 years from the date of tender opening as per **Tender Clause No.5.4.**

11.2.7). 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.5.5.**

11.2.8). Digitally signed tender documents as **Tender Clause No.5.6**

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

11.2.9.1). Profile of the Bidding Organisation as per Annexure-I.

11.2.9.2). Financial Capability as per Annexure-II

11.2.9.3). Declaration Form as per Annexure-III

11.2.9.4). Bidder's Experience Details as per Annexure-IV

11.2.9.5). Details of Abandonment of work Litigation / debarring done as per Annexure-V

11.2.9.6). Manufacture Authorisation as per Annexure – VI

11.2.9.7). Compliance of Technical Specification as per Annexure- VII

11.2.9.8). Service Centre and Service Personnel detail as per Annexure-VIII

11.2.9.9). 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 in the format provided (Annexure- IX) 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 status 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, TCMPF 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). In case any bidder asks for a clarification to the tender documents before 48 hours of opening of tenders, the DGM (QA), Head Office, TCMPF Ltd. will clarify the same.
- 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 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, 4thFloor, 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 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 Transparency in Tenders 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 / works as per tender Clause 33.00.
- 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 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.

16.2). 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 Supply and 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.

17.2). 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'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 I to VIII.
- 17.2.9). **Offer submitted without GSTIN and PAN is liable for rejection.**

18.0). NEGOTIATION

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

21.0). SECURITY DEPOSIT

21.1). The successful bidders would be required to sign an agreement and furnish a Security Deposit of 5% of the order value, drawn by means of Demand Draft or it shall be submitted by means of Bank Guarantee for the period of 18 months and extendable as and when required from any Indian Nationalised Bank or Scheduled Bank drawn in favour of "Managing Director, TCMPF Ltd" payable at Chennai within 15 days from the date of acceptance of the tender. The EMD already paid along with tender shall be adjusted against SD to be paid by the successful bidder.

21.2). No exemption will be given from payment of Security deposit under any circumstances as per TTT Act and the same should be remitted by above means. Any other form of remittance will not be accepted.

21.3). The security deposit will be refunded only after the expiry of 6 months from the date of satisfactory completion of the contract satisfactorily complying to the specification of the equipment to take care of the workmanship of the agency.

22.0). AGREEMENT:

22.1). The successful bidder has to execute an agreement on Rs.100/- non-judicial stamp paper incorporating the terms and conditions of the contract and the specification within 15 days from the date of acceptance of the tender. In case of default of either of the conditions (i.e) remitting the security deposit or execution of the agreement within the time allowed, the EMD paid is likely to be forfeited by TCMPF.

22.2). If the contractor fails to execute the contract satisfactorily at the tendered rate, the security deposit will be forfeited by TCMPF.

22.3). If the TCMPF incurs any loss / additional expenditure due to the negligence of the contractor in connection with the work during the

period of contract, the same shall be recovered together with all charges and expenses from the contractor.

22.4).In the event of breakages or damages, if any, caused by the contractor to the property of the TCMPF, the cost will be recovered from the contractor.

22.5).**RATES AND PRICE:** This is a fixed price contract. Price adjustment clause (to account for raise or fall in the money value / taxes during the contract period) is not operatable for this contract. However any variation in the statutory levies and Taxes by State Government / Central Government shall be effected on the end price to the benefit of either the contractor or TCMPF as the case may be.

22.6).The Agreement in Rs.100/- non-judicial stamp paper shall be signed and returned within 15 days of receipt of the Supply and Installation order along with the D.D or BG for Security Deposit.

23.0). PAYMENT TERMS:

23.1). Supply & Installation:

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

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

23.2).NO OTHER TERMS OF PAYMENT WILL BE ENTERTAINED.

24.0). TERMINATION OF CONTRACT

24.1).TCMPF may, without prejudice to any other remedy for breach of contract by the Contractor, terminate the contract in whole or part, by a 7 days written notice of breach of contract to the Contractor.

24.2).If the Supplier fails to deliver any or all of the goods within the time schedule specified in the Purchase Order / Delivery Schedule/ e-Mail/ Letter.

24.3).If the Supplier fails to perform any of the obligation(s) under the Contract;

24.4).If the Supplier is found to have involved in fraudulent, corrupt and unfair practices in competing for or in executing the Contract.

25.0). CANCELLATION:

In the event of unsatisfactory performance in executing the order as per the terms, the order is liable for cancellation. In the event of cancellation, the Security Deposit will be forfeited. Also, TCMPF Ltd. reserves the right to cancel the order in full or part thereof without giving any reason by giving 15 days' notice if the tendered items are not required due to any reason. This cannot be a ground for the contractor to claim any compensation saying that the contractor has been put to loss because of this.

26.0). PENALTY:

26.1). FORFEITURE OF EMD/SD: If the successful bidder fails to act according to the Tender conditions their SD will be forfeited or withdraws the offer after their tender is accepted, their EMD will be forfeited.

26.2). If the selected Bidder(s) fails to remit the SD within 15 days from the date of LOA, the EMD remitted by him will be forfeited and their Tender will be held void. TCMPF will have the right to divert the order to other bidders.

26.3). VIOLATION IN TERMS AND CONDITIONS: For any other violations in the terms and conditions, besides banning the business dealings with Government, recovery of additional cost plus 100% penalty and forfeiture of Security Deposit amount shall be imposed.

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). Not with standing 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 cancel the contract, with or without notice as applicable.

27.4). On termination of contract, the Security Deposit is liable to be forfeited and any of the resultant loss beyond Security Deposit will be recovered from the contractor by legal means apart from forfeiture of any amount due to the contractor.

27.5). If the bidder defaulted in any of the previous tenders to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full will not be eligible from participating in this tender.

27.5.1). If the successful bidder either in TCMPF or in the DCMPU defaulted to execute agreement or to pay Security Deposit or to supply ordered quantity either in part or full shall be debarred from participating in the subsequent tenders for a period of 3 years.

28.0). WARRANTY:

28.1 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).

28.2 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.

28.3. 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.

28.4. 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.

29.0). FORCE MAJEURE:

29.1). 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.

29.2). 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.

30.0). 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.

31.0). LEGAL JURISDICTION

In case if either party to the tender is aggrieved by the award of the arbitrator so appointed as per clause 30.0 or otherwise, they can appeal to Court of Deputy Registrar (Dairying), Thiruvallur. The legal jurisdiction will be only Deputy Registrar (Dairying), Thiruvallur Court.

32.0). 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.

33.0).TECHNICAL SPECIFICATION

Supply and Installation of Packing Material Testing Equipments– 10 Nos. for Research and Development Laboratory, Products Dairy, Ambattur, Chennai- 600 098

I. SPECIFICATION FOR DART IMPACT TESTER

Purpose	<ul style="list-style-type: none">• To Determine the impact of a free-falling dart on a plastic film
Inner Diameter of clamp	<ul style="list-style-type: none">• 127 mm ± 2 mm
Display	<ul style="list-style-type: none">• HMI (Touchscreen)• TFT LCD Screen
Diameter of Dart head	<ul style="list-style-type: none">• Method A-38 mm• Method B-50.8 mm ± 0.13 mm
Drop Height	<ul style="list-style-type: none">• 660 mm and 1524 mm (Adjustable)
Maximum weight holding capacity of Dart Holding Mechanism	<ul style="list-style-type: none">• Upto 2 kg
Dart Head Material	<ul style="list-style-type: none">• Method A Phenolic, Method B Stainless Steel
Least Count of Height Adjustable Clamp	<ul style="list-style-type: none">• 1 mm
Pneumatic Clamping Pressure *	<ul style="list-style-type: none">• 3-4 bar
Counter	<ul style="list-style-type: none">• Digital Counter (Inbuilt in HMI)
Power	<ul style="list-style-type: none">• 220V, 50Hz, Single Phase
Dart weights	<ul style="list-style-type: none">• 5 gm to 90 gm (Stainless Steel weights)
Type of test	<ul style="list-style-type: none">• Free Falling Dart
Release Mechanism	<ul style="list-style-type: none">• Electromagnetic dart hold/release mechanism through Paddle Switch
Material	<ul style="list-style-type: none">• Mild Steel
Finish	<ul style="list-style-type: none">• Powder coated finish and bright chrome / zinc plating for corrosion resistant finish
Test Standards	<ul style="list-style-type: none">• IS 2508:1984(R2003),• ASTM D1709-16A
Warranty	<ul style="list-style-type: none">• Min.1 Year.

II. SPECIFICATION FOR PEEL/ADHESION STRENGTH TESTER

Purpose	<ul style="list-style-type: none"> To quantify the strength of adhesion or peel ability of self-adhesive pressure sensitive materials.
Load Cell Capacity	<ul style="list-style-type: none"> 20 Kgf
Display	<ul style="list-style-type: none"> LED (Digital) 7 segment Graphical report
Accuracy	<ul style="list-style-type: none"> $\pm 2\%$ at full load (with .m aster load)
Least Count/Resolution	<ul style="list-style-type: none"> 0 .020 Kgf
Power	<ul style="list-style-type: none"> 220V, Single phase, 50 Hz
Test Speed	<ul style="list-style-type: none"> 300 mm/min $\pm 5\%$
Test Report	<ul style="list-style-type: none"> 10 Sample save in Single Report
Grip Separation	<ul style="list-style-type: none"> Min. 25 mm & Ma x. 300 mm
Communication port	<ul style="list-style-type: none"> RS 232
Safety Switch	<ul style="list-style-type: none"> Yes
Material	<ul style="list-style-type: none"> Mild Steel
Finish	<ul style="list-style-type: none"> Powder coated combination finish and bright chrome / zinc plating for corrosion resistant finish
Other Options	<ul style="list-style-type: none"> Graph test report is Force Vs Time. Inbuilt hardware/software CD
Test Standards	<ul style="list-style-type: none"> ASTM D 903
Warranty	<ul style="list-style-type: none"> Min.1 Year.

III. SPECIFICATION FOR DROP TESTER

Purpose	<ul style="list-style-type: none"> To check the drop test for corrugated boxes, plastics and Bottles,
Height	<ul style="list-style-type: none"> 1.8 meter (Adjustable)
Load	<ul style="list-style-type: none"> Up to 60Kg.
Minimum Drop Height	<ul style="list-style-type: none"> 500mm (0.50 m)
Maximum Drop Height	<ul style="list-style-type: none"> 1800mm (1.8 m)
Maximum sample Weight	<ul style="list-style-type: none"> 60 Kg
Sample Mounting table	<ul style="list-style-type: none"> 500mm x 500 mm
Adjustable angle holder	<ul style="list-style-type: none"> To be provided with the device
Type of tests	<ul style="list-style-type: none"> Straight Drop Angular Drop
Safety	<ul style="list-style-type: none"> Locking pin
Standards	<ul style="list-style-type: none"> IS:7028 Pt IV
Other requirements	<ul style="list-style-type: none"> Provision to uplift test platform by guide mechanism Drop Height adjustable clamp Straight and Angular Drop tests Strong base plate with rugged structure Optional Features: Pneumatic model and in various platform sizes also available as per requirement.
Material	<ul style="list-style-type: none"> Mild Steel
Finish	<ul style="list-style-type: none"> Powder coated Havel finish and bright chrome / zinc plating for corrosion resistant finish
Test Standard	<ul style="list-style-type: none"> IS:7028 Pt IV
Warranty	<ul style="list-style-type: none"> Min.1 Year

IV. SPECIFICATION FOR SCUFF RESISTANCE TESTER

Purpose	<ul style="list-style-type: none"> To determine the color transfer from printed or coated material against rubbing
Specimen Size	<ul style="list-style-type: none"> 48 mm & 120 mm
Weight on Sample	<ul style="list-style-type: none"> 1psi + 1psi separate weights provided
Controls	<ul style="list-style-type: none"> Digital Preset Cycle counter.
No. of Cycles	<ul style="list-style-type: none"> 0 – 9999.
Counter	<ul style="list-style-type: none"> 4- digit Digital Preset type
Least Count of Counter	<ul style="list-style-type: none"> 1
Rotational Speed	<ul style="list-style-type: none"> 60 rpm
Lower Motor capacity	<ul style="list-style-type: none"> ¼ HP
Display	<ul style="list-style-type: none"> Digital (LCD)
Safety Lock	<ul style="list-style-type: none"> Yes (with upper clamp)
Sample Preparation templates	<ul style="list-style-type: none"> 3
Paint	<ul style="list-style-type: none"> Powder coated & Chrome finished
Test Standards	<ul style="list-style-type: none"> ASTM F2497-05, BS 3110:1959
Other features	<ul style="list-style-type: none"> Motorized Weight arrangement on plunger for noise free working
Warranty	<ul style="list-style-type: none"> Min.1 Year.

V. SPECIFICATION FOR HOT TACK TESTER

Purpose	<ul style="list-style-type: none"> To check the Hot tack/ Heat Seal ability of the laminated films, plastic films, adhesive tapes and other flexible plastic products.
Material	<ul style="list-style-type: none"> Mild Steel
Finish	<ul style="list-style-type: none"> Powder coated finish & bright chrome /zinc plating for corrosion resistant finish
Load Cell Capacity	<ul style="list-style-type: none"> 3 Kgf
Display	<ul style="list-style-type: none"> TFT Touch Screen 4.3 Inch
Accuracy	<ul style="list-style-type: none"> ± 1% at full scale (with master load)
Least Count/Resolution	<ul style="list-style-type: none"> 3 gm
Speed	<ul style="list-style-type: none"> Hot Tack: 150mm/sec Tension Test: 50 – 500mm/min
Sealing Temperature	<ul style="list-style-type: none"> Ambient to 250°C
Dwell Heat Seal time	<ul style="list-style-type: none"> 0.1 – 999.9 Sec
Dwell Hot Tack time	<ul style="list-style-type: none"> 0.1 – 999.9 sec
Sealing Pressure	<ul style="list-style-type: none"> 2 – 7 Bar
Sealing Jaw type	<ul style="list-style-type: none"> Standard Plain (Zig Zag & Diamond type optional)
Safety Switch	<ul style="list-style-type: none"> Yes (Limit Switch)
Emergency Stop	<ul style="list-style-type: none"> Yes
Test Performed	<ul style="list-style-type: none"> Hot Tack, Heat Seal, Tensile strength of Plastic films, Shear strength
Test Standards	<ul style="list-style-type: none"> ASTM F 2029
Warranty	<ul style="list-style-type: none"> Min. 1 year

VI. SPECIFICATION FOR COBB SIZING TESTER

Purpose	<ul style="list-style-type: none">• To check the quantity of water absorbed by various sample like paper, cardboard, corrugated sample
Sample Diameter	<ul style="list-style-type: none">• 130 mm (approx)
Depth of cylinder	<ul style="list-style-type: none">• 60 mm
Diameter of rubber pad	<ul style="list-style-type: none">• 145 mm
Water level indicator in cylinder	<ul style="list-style-type: none">• 10 mm and 25 mm
Weight of roller	<ul style="list-style-type: none">• 10Kg (approx)
No. of Roller	<ul style="list-style-type: none">• 1
Locking screw	<ul style="list-style-type: none">• Yes
Material of Main Body	<ul style="list-style-type: none">• Stainless Steel / mild steel
Standards	<ul style="list-style-type: none">• IS 1060, TAPPI -T441.
Warranty	<ul style="list-style-type: none">• Min.1 Year

VII. SPECIFICATION FOR FLEX TESTER

Purpose	<ul style="list-style-type: none">• To determine the resistance of flexible-packaging materials to flex-formed pinhole failures or measuring the flex durability of flexible barrier materials
Display	<ul style="list-style-type: none">• Microprocessor & LED
Stroke distance	<ul style="list-style-type: none">• 80 or 155 mm
Twisting angle	<ul style="list-style-type: none">• 400 degree or 440 degree
Twisting frequency/cycle	<ul style="list-style-type: none">• 45 cycles / min
Motor	<ul style="list-style-type: none">• 1/4 HP , 1440 Rpm, Gear Motor
Mandrel diameter	<ul style="list-style-type: none">• 90 mm
Standards	<ul style="list-style-type: none">• ASTM F392 conditioning levels A -E
Warranty	<ul style="list-style-type: none">• Min.1 Year

VIII. SPECIFICATION FOR TENSILE STRENGTH TESTING MACHINE

Purpose	<ul style="list-style-type: none"> To check the strength of Plastic films, Paper, Cardboard, Corrugated box, Plastic Trays/Cups.
Accuracy	<ul style="list-style-type: none"> ±0.5%
Travel length of the grips	<ul style="list-style-type: none"> 25mm – 700mm
Motor	<ul style="list-style-type: none"> 1/5 HP, Single phase power supply.
Grip to grip separation	<ul style="list-style-type: none"> Min 25mm and max 700mm
Capacities	<ul style="list-style-type: none"> Suitable to check the strength of Plastic films, Paper, Cardboard, Corrugated box, Plastic Trays/Cups.
Types of Grips	<ul style="list-style-type: none"> Suitable to check the strength of Plastic films, Paper, Cardboard, Corrugated box, Plastic Trays/Cups.
Material of Main Body	<ul style="list-style-type: none"> Mild steel
Communication port	<ul style="list-style-type: none"> RS 232
Standard requirements	<ul style="list-style-type: none"> ASTM D412, ASTM D429-73, ASTM D624, ASTM D638-01, ASTM D76, IS 13360-5-7, IS-3400
Warranty	<ul style="list-style-type: none"> Min.1 Year

IX. SPECIFICATION FOR PUNCTURE RESISTANCE TESTER

Purpose	<ul style="list-style-type: none">• To determine the resistance to puncture of paper and paper board
Energy Range of Weights	<ul style="list-style-type: none">• 6, 12, 24 Jule per meter
Accuracy	<ul style="list-style-type: none">• $\pm 2\%$ within full range
Release angle of Pendulum	<ul style="list-style-type: none">• 90°
Display	<ul style="list-style-type: none">• LED (Digital) 7 segment
Power	<ul style="list-style-type: none">• 220V, 50Hz, Single Ph ase
Sample Holder	<ul style="list-style-type: none">• 1
Pendulum Release Mechanism	<ul style="list-style-type: none">• Manual
Material	<ul style="list-style-type: none">• Mild Steel
Finish	<ul style="list-style-type: none">• Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Test Standards	<ul style="list-style-type: none">• TAPPI -T803, ISO 3036 and ASTM D781
Warranty	<ul style="list-style-type: none">• Min. 1 year

X. SPECIFICATION FOR BURSTING STRENGTH TESTER

Purpose	<ul style="list-style-type: none"> To determine the Strength and performance of material like paper boards, paper, uneven boards and boxes, filter cloth, plastic films, Foils, sheets, etc.
Display	<ul style="list-style-type: none"> Digital- LED
Specimen Clamping	<ul style="list-style-type: none"> Pneumatic 2 - 5 Bar pressure
Accuracy	<ul style="list-style-type: none"> ± 1% within 10% to 90% of entire range as per IS: 1828 with master gauge.
Least Count/Resolution	<ul style="list-style-type: none"> 0.1 kg/cm²
Test fluid	<ul style="list-style-type: none"> Glycerin about 98% purified
Rate of fluid displacement	<ul style="list-style-type: none"> 95 cc/minute
Motor	<ul style="list-style-type: none"> 1/4 HP Single Phase , 1440 rpm
Material	<ul style="list-style-type: none"> Mild steel, powder coated
Test Standards	<ul style="list-style-type: none"> ASTM D 3786-01, ASTM D 3786 - 80A, ISO 1060 PART-1 1987.
Accessories to be supplied	<ul style="list-style-type: none"> 100 MI Glycerin bottle 1no. Rubber Diaphragm pack of 2 nos. Calibrated Aluminium foil pack of 4 nos. Screw Driver 1 no. Glycerin bowl opening wrench 1 no.
Printer	<ul style="list-style-type: none"> Thermal Printer
Warranty	<ul style="list-style-type: none"> Min.1 Year

ANNEXURE-I
(Details in Letter Head of the Bidder)
PROFILE OF THE BIDDING ORGANISATION

The Bidder shall furnish the following details without fail:

Manufacturer / Supplier	
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 (Furnish copy of Certificate of incorporation)	
Main line of Business	
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 (Furnish copy of GST Certificate)	
PAN Number (Furnish copy of PAN Card)	
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

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.	2020-21	
2.	2021-22	
3.	2022-23	
	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-III
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,
Pasumpon Muthuramalinganar Salai,
Nandanam,
Chennai – 600 035.

Sir,

Sub: Acceptance of Terms & Conditions of Tender.

Tender Ref. No.: 2325/DGM(QA)/HO/2023

Name of Tender / Work / Item : Supply and Installation of Packing Material
Testing Equipments– 10 Nos. for Research
and Development Laboratory, Products
Dairy, Ambattur, Chennai- 600 098

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 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, and any lapse to properly submit 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, 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, 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.
- 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.
- 10) I /we understand that any error in doing so my /our tender may be summarily rejected by TCM PF.
- 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)

BIDDER’S EXPERIENCE DETAILS

Details of purchase orders successfully executed in last five financial years shall be summarized chronologically in the given format and copies of the same shall 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.		Dart Impact Tester				
2.		Adhesion Strength tester				
3.		Drop tester				
4.		Scuff resistance tester.				
5.		Hot tack tester				
6.		Cobb sizing tester				
7.		Flex tester				
8.		Tensile Testing machine				
9.		Puncture resistance tester				
10.		Automatic Digital Bursting Strength Apparatus				

Signature of the Bidder with office seal

Place:

Date:

ANNEXURE – V

(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: It 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 – VI
(Details in Letter Head of the OEM)
MANUFACTURERS' AUTHORISATION FORM

Reference No. _____, Dated: _____

To:

Dear Sir,

Subject: Tender Ref. No. 2325 /DGM(QA)/HO/2023

We, (Name of the manufacturer), an established and reputable manufacturer of having factories at (Name place of Works) do hereby authorize (Name and address of Agents) to bid, negotiate and conclude the contract with you against Tender Ref. No for the above goods manufactured by us.

No company or firm or individual other than (Name of your sole agent/distributor) are authorized to bid, negotiate and conclude the contract in regard to this business against this specific Tender Ref. No.

We hereby extend our full guarantee for the goods and supply against Supply and Installation of Packing Material Testing Equipment– 10 Nos. to Research and Development Laboratory, Products Dairy, Ambattur by the above firm.

Yours faithfully,

(NAME)

For and on behalf of

M/s. _____

(Name of Manufacturers)

Note: This letter of authority should be on the Letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer

ANNEXURE – VII

(Details in Letter Head of the Bidder)

COMPLIANCE OF TECHNICAL SPECIFICATION

S. No.	Name of the Equipment	TCMPF LTD. Specification	Specification of the Quoted Model	Please specify whether the quoted model meets the specification (Yes/No)
1	Dart Impact Tester-1 No.,			
2	Adhesion Strength tester-1 No.			
3	Drop tester- 1 No.			
4	Scuff resistance tester- 1 No.			
5	Hot tack tester- 1 No.			
6	Cobb sizing tester-1 No.			
7	Flex tester- 1 No.			
8	Tensile Testing machine- 1 No.			
9	Puncture resistance tester- 1 No.			
10	Automatic Digital Bursting Strength Apparatus- 1 No			

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)

DETAILS OF SERVICE CENTRE & SERVICE PERSONNEL

S. No.	Service Centres in Tamil Nadu	Name & Contact Details of Qualified Service Personnel

Signature of the Bidder with office seal

Place:

Date:

ANNEXURE-IX
(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.

S. No	Name of the Equipment	Make & Model	Qty. (in No.)	Rate per unit	GST (in %)	Price in INR (Including GST)
1	Dart Impact Tester- 1 No.,		1			
2	Adhesion Strength tester-1 No.		1			
3	Drop tester- 1 No.		1			
4	Scuff resistance tester- 1 No.		1			
5	Hot tack tester- 1 No.		1			
6	Cobb sizing tester- 1 No.		1			
7	Flex tester- 1 No.		1			
8	Tensile Testing machine- 1 No.		1			
9	Puncture resistance tester- 1 No.		1			
10	Automatic Digital Bursting Strength Apparatus- 1 No		1			
	Total (in Rs.)					

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
I.	TECHNICAL BID	
1.	Whether details of E-Remittance towards EMD Amount is uploaded.	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 5.1 are uploaded	Yes/No
4.	Whether documentary evidence for catalogue of the quoted equipment mentioned with the Make/ Model No., conforming to the tender specifications as per tender clause 5.2 are uploaded	Yes/No
5.	Whether the copies of purchase orders / supply orders as per Tender Clause No. 5.3 are uploaded.	Yes/No
6.	Whether the copies of Satisfactory supply Completion Certificate / Performance Certificate as per Tender Clause No. 5.4 are uploaded.	Yes/No
7.	Whether documentary evidence for average annual sales turn-over as per tender clause 5.5 are uploaded	Yes/No
8.	Whether the tender documents are signed & stamped with company seal and uploaded as per tender clause 5.6 are 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
	Financial Capability as per Annexure-II	Yes/No
	Declaration Form as per Annexure-III	Yes/No
	Bidder's Experience Details as per Annexure-IV	Yes/No
	Details of Abandonment of work Litigation / debarring done as per Annexure Annexure-V	Yes/No
	Manufacturer Authorization Form as per Annexure - VI	Yes/No
	Compliance of Technical Specification – Annexure - VII	Yes/No
Details of Service Centre and Technical Personnel- Annexure- VIII	Yes/No	
II.	FINANCIAL BID	
10.	Whether the Financial Bid – Annexure- IX (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.