



C I P E T: Institute of Plastics Technology: IPT, Chennai.

E-TENDER Bidding Document for PROCUREMENT OF Personal Protective Equipment (PPE) Testing Machinery.

ONLINE TENDER NO. CIPET:IPT/CHN/PPE Machinery/2020- 2021/02

LAST DATE FOR SUBMISSION OF ONLINE BIDS: 29/07/2020

**CIPET: INSTITUTE OF PLASTICS TECHNOLOGY (IPT)
GUINDY, CHENNAI - 600 032 (INDIA)**

(Department of Chemicals & Petrochemicals)
(Ministry of Chemicals & Fertilizers)

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SECTION I. INSTRUCTIONS TO TENDERER

Introduction

1.CIPET: Institute of Plastics Technology is under the department of Chemical & Petrochemical,Ministry of Chemical & Fertilizer, Govt of India. It imparts Training, Technical Service and Research in the field of Plastics and having its Head Office at Chennai and 34 Centres across the country.

PREPARATION OF TENDER

2. The Tender documents are contained.

- (a) Tender Form and Price Schedule
- (b) Documentary evidence to be enclosed along with tender.

Online Tender Schedule:

- (c) Advertisement Release on: 08/07/2020.
- (d) Last date for Bids submission: 29/07/2020, 14.00 hours
- (e) Technical Bid open on : 29/07/2020, 16.00 hours
- (f) Financial Bid open on after the evaluation of technical bid.

3. Tender Form Cost & EMD

Cost of application of Rs.1180/-(Including GST) and An amount of Rs.19,200/- has to be paid as Earnest Money Deposit by way of Demand Draft or Banker's cheque in favour of CIPET, payable at Chennai. (India). Online payment to be made on CIPET SBI A/c.No.10565622389 IFSC code No.SBIN 00004327.Last date for submission of Tender on or before 29.07.2020 14.00 hrs.

MSME registered parties are exemption from payment of Earnest Money Deposit and cost of tender application.

4. Tender Prices

4.1 The Tenderer shall indicate on the price schedule attached to these documents, the Unit prices, and total Prices, proposed to supply under the Contract as per the Technical Specification spelt in the Tender.

4.2 Fixed Price: Prices quoted by the Tenders shall be fixed during the performance of the Contract and not subject to variation on any account. A tender submitted with an adjustable price quotation will be treated as non-responsive and rejected.

Payment shall be effected after ensuring 100% receipt of all the Quoted items by the successful bidder and acceptance of the material by Plastics Testing Centre, CIPET Chennai after Inspection. No request for advance shall be entertained.

4.3 Delivery: Delivery within 20 days from the date of Purchase Order. Liquidated damages @ 2% for every week of delay, subject to a maximum of 10%.

5. Documents establishing Tenderer's Eligibility and Qualifications

- 5.1** The Tenderer shall furnish, as part of its tender, documents establishing the tenderer's eligibility to tender and its qualifications to perform the Contract if its tender is accepted.
- 5.2** The documentary evidence of the Tenderer's qualifications to perform the Contract if its tender is accepted, shall establish to the Purchaser's satisfaction:
- (a) As in the case of a Tenderer offering to supply of Personal Protective Equipment (PPE) Testing Machinery, the supplier shall be produced duly authorized certificate by the manufacturer or producer to supply the Personal Protective Equipment (PPE) Testing Machinery in India, if they are not manufacturer or producer.
 - (b) As in the case of a Tenderer is not doing any business within India, shall be given the feribility in order to able to carry out the maintenance, repair and spare-parts stocking obligations prescribed by the Conditions of the Contract and / or Technical Specifications.
 - (c) As in the case of Tenderer has the sound financial, technical, and production capability in order to perform the Contract and meets the criteria as outlined in the qualification criteria specified in Section V (Tenderer should furnish information of their past performance as per proforma in Section-VI) .

6. Documents Establishing Eligibility and Conformity to Tender Documents

- 6.1** The Tenderer shall furnish, as part of its tender, documents establishing the eligibility and conformity to the Tender Documents, which the tender proposes to supply under the Contract.
- 6.2** The documentary evidence of the Personal Protective Equipment (PPE) Testing Machinery conformity to the Tender Documents may be in the form of literature, drawings, and data, and shall furnish:
- (a) a detailed description of the Personal Protective Equipment (PPE) Testing Machinery essential technical and performance characteristics;
 - (b) a list with contain full particulars, including available sources and current prices, of all spare parts, special tools, etc., necessary for the proper and continued functioning of the Personal Protective Equipment (PPE) Testing Machinery for a period of two years, after commencement of the Personal Protective Equipment (PPE) Testing Machinery used by the purchaser; and

- (c) a clause-by-clause commentary on the Purchase Technical Specifications demonstrating the Personal Protective Equipment (PPE) Testing Machinery and services substantial responsiveness to those specifications or a statement of deviations and exceptions to the provisions of the Technical Specifications (deviation statement in section annexured)

6.3 For purposes of the commentary, the Tender shall note that standards for Personal Protective Equipment (PPE) Testing Machinery and references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications are intended to be descriptive only and not restrictive. The Tender may substitute alternative standards, brand names and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser's satisfaction that the substitutes are substantially equivalent or superior to those designated in the Technical Specifications.

7. Period of Validity of Tender

7.1 Tenders shall remain valid for 60 days after the date of tender opening prescribed by the Purchaser. A tender valid for a shorter period may be rejected by the Purchaser as non-responsive.

8. Submission of Tenders

- a) The detailed technical specification of the Personal Protective Equipment (PPE) Machinery. is enclosed as Section II of Tender document, Offer should be of two parts Viz., **"TECHNICAL BID"** and **"COMMERCIAL BID"** Both the bids, should be packed in **TWO separate envelopes** and sent together in **ONE envelope**. The content of the both bids should be as under;

8.1 (a) **The cover labeled "TECHNICAL BID" should include the following:-**

1. **Submit Sample picture/image** of Personal Protective Equipment (PPE) Testing Machinery.
2. Detailed specification of the Personal Protective Equipment (PPE) Testing Machinery.
3. Product Literature
4. Proforma for Performance Statement
5. Qualification Criteria
6. Manufacturer's Authorization Form
7. Any other information which the bidder would like to state about the technically of the equipment.
8. Cost of application of Rs.1180/- (Including GST), if downloaded from website Demand Draft for Rs. 1180/- drawn in favour in **"CIPET CHENNAI"** it shall be enclosed along with Technical Bid, failing which the tender will be rejected.

(b). The cover named "COMMERCIAL BID" should include the following:-

1. Price Schedule
2. Terms and conditions of Contract and the details of the Tax, Duties, Insurance, Transportation charges, discount etc.
3. Any other information

The tender, which are not containing the statements, mentioned in 8.1 (a) & (b) are liable to be rejected.

(c). The envelope shall be addressed to the Purchaser at the following address:

"The Sr.Officer(Per.&Admin),CIPET:IPT, Guindy, Chennai-600 032, India".

(d) bear the Ref.No....."Do not open before....."

8.2. If the envelope is not sealed and marked, the Purchaser will not be responsible for the bid's misplacement or premature opening.

8.3 The Tender Document purchased need not be submitted along with your offer. It contains only the instruction to Tender, Terms and Condition of the contract and proforma of schedules to be submitted along with your offer.

8.4 The Proforma of Annexures (Sections) in the Tender Document, wherever necessary, should be typed on the tender letter head.

8.5 Price Schedule should be submitted in the prescribed format given under price Schedule of the Tender Document.

8.6 The Deviation Statement enclosed should be duly filled in and submitted along with Tender Document. If the tender is offering more than one options/models a separate. Deviation statement for each of such quotes should be submitted along with the offer.

8.7 Quotes received without price schedule, and deviation statement as per the Prescribed format, will summarily be rejected.

9. Last date for Submission of Tender

- 9.1 Tender must be received by the Purchaser at the address specified under para 8.1 not later than **02.00 p.m on 29.07.2020**. In the event of the specified date for the submission of Tender being declared a holiday for the Purchaser, the Tender will be received up to the specified time on the next working day.
- 9.2 The Purchaser may, at its discretion, extend this deadline for submission of tender by amending the Tender Documents in accordance with Clause 8, in which case all rights and obligations of the Purchaser and Tender previously subject to the deadline will thereafter be subject to the dead-line as extended.

10. Late Tender

- 10.1 Any Tender received by they Purchaser after the last date for submission of bids prescribed by the Purchaser, Pursuant to Clause 11, will be rejected and/or to be returned to the Bidder.

11. Purchaser's right to vary Quantities at Time of Award

- 11.1 The Purchaser reserves the right at the time of award of Contract to increase or decrease by quantity of Personal Protective Equipment (PPE) Testing Machinery price or other terms and conditions and services specified in the schedule of requirements.

12. Purchaser's Right to accept any Tender and to reject any or All Tender

- 12.1 The Purchaser reserves the right to accept or reject any or all tender, without assigning any reasons.

SECTION II.SCHEDULE OF REQUIREMENTS
Personal Protective Equipment (PPE) Testing Machinery

S No	Products to be tested	Testing equipment	Qty	Amount (Rs.)
1.	<u>Eye Protective equipments</u> (a) Face Shields (b) Goggles	Splash resistance Tester	01	
2	(a) Medical Face Mask (b) Cover All	1) Differential pressure tester(Breathability tester) 2) Bacterial filtration efficiency tester.	01 01	

SECTION III. TECHNICAL SPECIFICATIONS.

(Personal Protective Equipment (PPE) Testing Machinery).

1.(a) Technical Specification for Splash resistance Tester & (b) Robustness -Mounted & Unmounted (head form) :

S. No.	Specification	Requirements
1.	The equipment should comply to the standards	<ul style="list-style-type: none"> • ASTM F1862 • ISO 22609 • ASTM F2100 • EN 14683
2.	Sample clamping device shall be provided to clamp the mask	
3.	Blood spraying distance	300 mm – 320 mm (Adjustable)
4.	Blood spraying speed	400 to 700 cm/s (Adjustable)
5.	Stimulated synthetic blood pressure	10.6 kPa, 16.0 kPa, 21.3 kPa
6.	Accessories	Any other standard and optional accessories required for operation of the equipment should be quoted.
7.	Calibration certificate	Calibration certificate for spraying speed, pressure gauge traceable to NIST should be provided.

2.(a) Technical Specification for Differential Pressure Tester:

S. No.	Specification	Requirements
1.	The equipment should comply to the standards	<ul style="list-style-type: none"> • ASTM F2100 • EN 14683 • EN 149
2.	Air source	Air compressor
3.	Air flowmeter	Adjustable: 1 - 10 L/min. with accuracy of 0.1 L /min.
4.	Sample size	25 mm Diameter
5.	Manometer Range	0 – 500 Pa
6.	Test area	25 mm diameter
7.	Sealing type	O-shaped ring seal
8.	Power	AC 220 V 50 Hz 1 kW
9.	Calibration certificate	Calibration certificate for flow meter, manometer traceable to NIST should be provided.
10.	Accessories	Any other standard and optional accessories required for operation of the equipment should be quoted.
11.	Calibration certificates for flow meters, pressure gauge, etc. traceable to NIST should be provided.	

2.(b). Technical Specification for Bacterial / Viral filtration efficiency tester:

S. No.	Specification	Requirements
1.	The equipment should comply to the standards	<ul style="list-style-type: none"> • ASTM F2100 • EN 14683 • ASTM F2101 • IS 16289
2.	Bioaerosol Sampler	Six stage cascade impactor
3.	Nebulizer (Aerosol generator)	Capable of delivering particles with a mean size of $3 \pm 0.3 \mu\text{m}$
4.	Aerosol chamber	Made of glass – Minimum 600 mm long and 80 mm external diameter
5.	Flow meters	Capable of measuring a flow rate of 28.3 L/min. with an accuracy of 0.1 L/min.
6.	Pressure gauge	0 – 50 kPa Accuracy: $\pm 1\text{kPa}$
7.	Colony counter	Capable of counting upto 500 colonies per plate
8.	Erlenmeyer Flasks	Capacity: 250 mL an 500 mL
9.	Peristaltic pump flow	0.006 – 3.0 mL/min.
10.	Efficiency of air filter	$\geq 99\%$ for particles $>0.3\mu\text{m}$
11.	Vacuum pump	Capable of maintaining 57 L/min.
12.	Accessories	Any other standard and optional accessories required for operation of the equipment should be quoted.
13.	Calibration certificates for flow meters, pressure gauge, etc. traceable to NIST should be provided.	

No.....dated.....

To
M/s. CIPET:IPT
Guindy,
Chennai - 600 032,
Tamilnadu, India.

Dear Sir

Ref: Tender Reference

We who are established and
reputable manufacturers ofhaving factories at
.....and.....do hereby authorize
M/s.....
(Name and address of Agents) to tender, negotiate and conclude the contract with you
against the above tender.

No company or firm or individual other than M/s..... are
authorized to tender, negotiate and conclude the contract in regard to this business
against this specific Tender.

We hereby extend our full guarantee and warranty as per clause 6 of the Terms and
Conditions of Contract for the goods offered for supply against this invitation for tender
by the above firm.

Yours Faithfully,

(Name)
For and on behalf of M/s.....
(Name of Manufactures)

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.

PRICE SCHEDULE

**Supply : Personal Protective Equipment (PPE) Testing Machinery
Price Bid/Schedule upload format as per online in financial bid.**

SECTION V

(Referred to in clause 5.2 C of Instruction to Tendered)

QUALIFICATION CRITERIA

- (a) The tender should be a manufacture or authorized representative of a manufacturer, who must have designed and supplied to the type specified in the Schedule of requirements at least 5 years on the date of bid opening.
- (b) Tender shall invariably furnish documentary evidence (Client's Certificates) in support of the satisfactory as specified above".
- (c) Statutory compliances:
 - GST. Attach photocopy of registration certificate
 - PAN no. (Attach photocopy)
 - Income Tax refers for of the last three years.
- (d) Tender shall submit a declaration without any reservation whatsoever that the submitted Eligibility and Qualification details, Technical bid and financial bid are without any deviations and are strictly in conformity with the documents issued by the purchaser.

SECTION VI
PROFORMA FOR PERFORMANCE STATEMENT

(For Simple Goods)

Tender No.Date of Opening.....Time.....Hours

Name of the Firm

Order placed by (Full Address of Purchaser)	Order No and date	Description & Quantity of ordered equipment	Value of order	Date of completion of delivery As per Contract	Delivery actual	Remarks indicating reasons for late delivery, if any	Has the equipment been satisfactorily Functioning?
1	2	3	4	5	6	7	8

Signature and Seal of the Bidder

(Copy of the orders has to be submitted as an evidence/proof for the above works executed)