



PRECISION ENGINEERING AND TECHNOLOGY CENTRE

(CIN: U73200TN2022NPL149484)

PP3, SIDCO Industrial Estate, Thirumudivakkam, Chennai-600132

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TENDER DOCUMENT

1. Sealed Tenders are invited by M/s. **PRECISION ENGINEERING AND TECHNOLOGYCENTRE, TIEMA CENTRE, Plot No. PP3, SIDCO Industrial Estate, Thirumudivakkam, Chennai-600132** Tamil Nadu, India- the Special Purpose Vehicle (SPV) of Precision Manufacturing Mega Cluster, Chennai from reputed Manufacturers, Distributors or authorized Dealers for the supply, installation, testing and commissioning of the following Machinery & Equipment for the Common Facility Centre to be set up at Centre of Excellence Building, SIDCO branch office, Thirumudivakkam, Chennai-600132 with financial assistance under the **Precision Manufacturing Mega Cluster Scheme** of the O/o. Secretary (MSME), Government of Tamil Nadu.

S No	Description	Qty	Appx Value in Lakhs	Period of Completion
1	Rubber Tensile tester	1	5.5	30 days
2	Hardnss, Brinell	1	6.4	30 days
3	Hardnss, Rockwell A, B, C scales	1	3.95	30 days
4	Hardnss, Macro Vickers	1	5.1	30 days
5	Micro Vickers Hardness	1	6.6	30 days
6	Hot air oven	1	0.12	30 days
7	FIE Charpy Impact tester	1	8.25	30 days
8	Charpy notch cutter, Dumbell cutter	1	3	30 days
9	Four digit electronic Chemical balance	1	2.5	30 days
10	Salt Spray Test Chamber	1	2.75	30 days
11	DG Sets	1	7.59	30 days
12	AIR Compressor Unit	1	8	30 days
13	Computer Hardware - Office	5	3.5	30 days

2. The tenders should be quoted separately for each item of the equipment's notified in the tender notice.
3. Technical Specifications for the above machinery and Equipment are available in the **Annexure-III**
4. All Tenders must be submitted in the format prescribed for the purpose available in the **Annexure –I** and all Tenders must be submitted in the format prescribed for the purpose available in the **Annexure –V**
5. The tender document can be downloaded from www.tiema.co.in and the same may be submitted.
6. The tender document should be signed by the tenderer at all pages with office seal.

7. Eligibility Criteria:

a. In case the bidder is a Manufacturer.

- i. The Tenderer should have **Minimum 3 (Three) years of experience** in manufacturing of respective each Item mentioned above. Proof should be submitted.
- ii. The Tenderer should have supplied minimum 5 units in Tamil Nadu and 10 units in India
- iii. The bidder should impart Training to operate the equipment's. Certificate to be attached.
- iv. The documents in proof of the above should be placed in the "**Technical Bid**" envelope.
- v. The Tenderer should furnish performance statement, giving list of major supplies effected to firms in South India/India with supporting documents during the past 5 years by them giving the details of purchaser's name and address, Order No. and date, quantity supplied.
- vi. The average annual turnover of the tenderers in the previous 2 financial / accounting years shall be not less than **Rs. 5 Crore** or equivalent foreign currency.
- vii. The documents in proof of the above should be placed in the "**Technical Bid**" envelope.

b. In case the bidder is not a manufacturer:

In case the bidder is the Authorized Dealer/ Agent/ Recognized Industrial Distributor quoting on behalf of their Principal, they shall have to furnish the following:

- i. The Tenderer should have **Minimum 2 (Two) years of experience** in trading / selling / distributing of respective each Item mentioned above. Proof should be submitted.
- ii. The Tenderer should furnish specific authorization from their Principal.
- iii. The Tenderer should furnish the Principal's invoice along with their quotation & also current and valid Authorization/ Dealership Certificate of their Principal.
- iv. The Tenderer should furnish performance statement, giving list of major supplies effected to firms in South India/India with supporting documents during the **past 2 years by them** giving the details of purchaser's name and address, Order No. and date, quantity supplied & whether the supply was made within the delivery schedule. The bidder should have office Service Technicians and Spares maintained at **Chennai**. The bidder should impart Training to operate the equipments.
- v. The Tenderer should submit the Manufacturer's Test Certificate & Guarantee Certificate with each lot of supply.

- vi. The average annual turnover of the tenderer in the previous 2 financial / accounting years shall be not less than **Rs. 50 Lakh**
- vii. The documents in proof of the above should be placed in the **“Technical Bid”** envelope.

NOTE:

- 1. While calculating the turnover, clubbing of turnover of parental or sister concerns are not allowed.
- 2. The successful L-1 should produce
 - i) Certification of origin of machinery in case of manufacturer
 - ii) Valid Dealership/Distributor rights in case of non-manufacturers / dealers (should not produce parental / sister concern rights)

8. Tender documents can be obtained in person on or before **24.06.2024 @12.00 P.M.** Such Tenders shall be dropped in the Tender Box kept at the **REGISTERED OFFICE of PRECISION ENGINEERING AND TECHNOLOGY CENTRE, TIEMA CENTRE, Plot No. PP3, SIDCO Industrial Estate, Thirumudivakkam, Chennai-600132, Tamil Nadu, India on or before 24.06.2024 @ 01.00 PM.** Alternatively, the Tenderer who prefers to submit the Tender through Post, can dispatch the same **through Registered Post or Courier with acknowledgement** so as to reach the above address on or before **24.06.2024 @ 01.00 PM.**

• Date of commencement of sale of tender	07.06.2024	@	10.00	a.m.
• Last date for issue of Tender	24.06.2024	@	12.00	p.m.
• Last date for receipt of Tenders	24.06.2024	@	01.00	p.m.
• Date of opening of sealed Tenders at Precision Engineering and Technology Centre, PP3, SIDCO Industrial Estate, Chennai-600 132	24.06.2024	@	03.00	p.m.

Note:

- a. The tenders received after **24.06.2024 @ 01.00 PM.** will be summarily rejected
 - b. If holiday comes on the day of opening of tender, the next working day will be the last day for acceptance.
- 9 The bidder should submit tender for with separate sealed envelopes for technical bid & commercial bid for each item as explained below. Both the envelopes shall be put in a single sealed envelope and superscribed as **“Bid submitted for supply of :**

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10 Technical Bid – Envelope“A”

The tenderer should furnish, along with the tender, the following Item in a separate envelope hereafter called “**Envelope A**”.

- a. List of major supplies effected to firms in India during the past 2 years with supporting documents containing
- b. The details of purchaser’s name and address, Order No. and date, quantity supplied.
- c. Audited Balance Sheet, Profit and Loss Statement duly certified by Chartered Accountant indicating the annual turnover for the previous 2 financial / accounting years.
- d. Documentary evidence for the constitution of the firm such as Memorandum and Articles of Association, Partnership deed etc. with details of the Name, Address, Telephone Number, Fax Number, e-mail address of the firm and of the Managing Director/ Partners / Proprietor.
- e. Authorization like Power of Attorney, resolution of Board, for the Signatory of the firm who has signed the tender documents and also authorization for participation in the Tender proceedings.
- f. Declaration form in **Annexure-IV** for acceptance of all Tender conditions and to the effect that the Tenderer has not been blacklisted by any State Government/ Central Government and/or any State/ Central Public Sector undertakings/ Financial Institutions, etc., as per **Annexure- V**.
- g. Specifications for the Item are in **Annexure-III**
- h. All Technical details about the all Items including process flow chart / technical specifications, specifications of the material used, dimensions, Machine drawings, foundation drawings, Software etc as applicable.
- i. Photocopies of valid respective state **GST** and Excise **registration certificates** and attested copy of the **Company PAN Card**, if applicable.

In case of tenderer being manufacturer

- a. Proof for manufacturing of respective Item for a minimum of 3 (thre) years.
- b. A duly attested photocopy of Manufacturing License for the products approved by the Licensing authority of the country of Origin for each and every product quoted. The license must have been renewed upto date and the Item quoted shall be clearly highlighted in the license.

In case of the tenderer being a Non manufacturer

In case the bidder is the Authorized Dealer/Sub Dealer/Agent/ Recognized Industrial Distributor quoting on behalf of their Principal, they shall have to furnish the following

- a. Valid Authorization/Dealership Certificate from their Principal.
- b. Documents indicating the precise relationship between their Principal will be given preference.

11 Commercial Bid Envelope“B”

- . The tenderer shall indicate the rate offered by them by filling up the **Annexure - I** and submit the same in a separate sealed cover superscribed as “**Envelope “B”**”

- 12 The Envelope A superscribed as “Technical Bid” will be **opened first**. **The Envelope B superscribed as “Commercial Bid” will be opened only if the documents required in the “Technical bid” are found in order as per tender conditions**. If “Technical Bid” is not submitted along with the required particulars, then the “Commercial Bid” envelope will not be opened and the tender will be rejected.

- 13 In the event of Tenders being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it must be signed on his behalf by a person holding a power of attorney authorizing him to do so or in the case of company, the Tenders should be executed in the manner laid down in the company's Articles of Association.
- 14 The Tenderer must sign and affix their seal in every page of the Tender document and the complete signed original Tender documents must be submitted in the respective envelopes.
- 15 The Managing Director, **PRECISION ENGINEERING AND TECHNOLOGY CENTRE, CHENNAI, TAMIL NADU STATE, INDIA**, subject to the approval of the Purchase Committee reserves the rights of rejecting all or any of the Tender without assigning any reason for the same.
- 16 The rates should be quoted in **Indian Rupees (INR)**, both in **figures and words**. The rates quoted shall be inclusive of Cost, Insurance, Freight up to our site at **Centre of Excellence Building, SIDCO branch office, Thirumudivakkam, Chennai-600132, Tamil Nadu**, Installation, Commissioning, Testing and Training to the staff to operate the Machinery/Equipments etc., Basic Price of supply to be mentioned with GST/ Customs duty, freight and forwarding charges, handling charges, loading/unloading charges, and any other tax/charge as applicable to be mentioned separately
- 17 The rates shall be written both in figures and words legibly. Corrections if any shall be made out by crossing out, initialling, with date and rewriting and overwriting if any, shall also be initialled. If the bidder does not accept the correction of the errors, his/her/its tender documents will be rejected.
- 18 The Custom duty/ GST if any, included in the tender should be mentioned separately so that the amount may be deducted, if consignment is cleared without payment of duty. The rate of customs duty and the notification No. etc, shall be furnished, if applicable.
- 19
- In case the Tender is withdrawn by the successful bidder after it is opened, the Earnest Money Deposit will be forfeited.
 - The EMD amount of successful bidder will be adjusted against the Performance Security to be furnished by the successful bidder.
- 20 The successful bidder will be issued with Letter of Acceptance.
- 21 The successful bidder shall enter into an agreement in the prescribed format in a non-judicial stamp paper having value of not less than **Rs.20.00** (Rupees twenty only) purchased in their favour at their cost, within 15 days of conveying the acceptance of their tender.

- 22 The Tender will be valid for acceptance for a period of 15 **days** from the date of opening of commercial bid.
- 23 The respective Items should be installed and Commissioned within 10 **days** from the date of receipt of the order. If the above item is not installed and commissioned within the period specified, the security deposit amount will be forfeited and the tender will be cancelled and loss if any for inviting fresh tenders will be made good from the defaulter.
- 24 Tenders are not transferable.
- 25 Training to the user / operator shall be provided wherever required at supplier's cost at the Factory site of the SPV (**PRECISION ENGINEERING AND TECHNOLOGY CENTRE, TIEMA CENTRE, Plot No. PP3, SIDCO Industrial Estate, Thirumudivakkam, Chennai-600132, Tamil Nadu, INDIA**).
- 26 Normally no extension of time will be granted, unless there are valid reasons acceptable by the competent authority.
- 27 If any dispute arises in the contract, the same will have to be finalized in the court of **Chennai** jurisdiction.
- 28 Confusional tenders will not be accepted.
- 29 The SPV (**PRECISION ENGINEERING AND TECHNOLOGY CENTRE**) with the approval of the Purchase Committee reserves all rights to cancel any or all tenders without showing any specific reason.
- 30 The Tenders should be accompanied by all the particulars requested in the schedule including process flow chart / technical specifications, specifications of the material used, dimensions, drawings, foundation drawings etc. of the respective item quoted.
- 31 The Tenderer should not have been blacklisted by any State Government/ Central Government and/or any State/ Central Public Sector undertakings/ Financial Institutions, etc., Declaration to this effect shall be furnished in the Technical Bid as per **Annexure IV**.
- 32 **Guarantee period:**
The supplier shall undertake to repair free of charge or replacement of any defective part of the respective item installed and commissioned due to defective materials or faulty design or workmanship during a period of (1+2) year, from the date of commissioning of the respective Item. Delivery of the full replacement or repaired parts should be effected free of cost at the factory site without loss of time so that the down time is minimized.
- 33 **Inspection:**
Before delivery of the Item, pre- delivery inspection by Experts /Agencies concerned, nominated by the SPV (**PRECISION ENGINEERING AND TECHNOLOGY CENTRE**) shall be allowed to inspect the works and to verify the suitability according to the specifications.
- 34 **Force Majeure**
Failure or delay in the part of tenderer 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 tenderer.
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.

Failure or delay in the part of tenderer for supply due to force majeure causes enumerated here under shall be considered, provided the supplier produces documentary evidence.

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. However, the price quoted by the bidder and accepted by the Purchaser shall remain firm during such extended period. For the matter of clarity, Force Majeure shall not have any bearing on the price.

35 Payment:

Advance Payment:

25% of cost of machinery /equipment shall be paid as advance to the supplier while confirming the order / execution of agreement.

On Supply:

50% cost of machinery / equipment shall be paid on receipt of machinery at Factory site location of the SPV (**PRECISION ENGINEERING AND TECHNOLOGY CENTRE,, PP3, SIDCO Industrial Estate, Thirumudivakkam, Chennai-600132, Tamil Nadu, INDIA**.)

On Final Acceptance:

Balance 25% of the cost shall be paid after satisfactory installation, commissioning and performance of the machinery /equipment at the factory location of the SPV and after certification by our technical expert and after submitting the Performance Bank Guarantee for 10% amount of total value of equipment, valid upto 6 months after installation, commissioning of the machinery concerned. The bidder should impart Training to operate the equipment's.

The rate quoted by the tenderer for the materials is final and no enhancement will be allowed at any circumstances. The enhancement of rate will cause the cancellation of the supply order and forfeiture of security deposit.

No payment will be made unless Agreement is properly executed.

36 Saving Clause:

No suit, prosecution or any legal proceedings shall lie against SPV for anything that is done in good faith or intended to be done in pursuance of tender. In the event of any dispute arising out of the tender such dispute would be subject to the jurisdiction of the Civil Court within the city of **Chennai**.

37 Penalty clause:

If the bidder fails to install and commission the respective item within the stipulated time or perform the services within the time period specified in the contract, the penalty @ 1 % per week or part thereof will be imposed subject to a maximum of 5% of the total cost of work order unless the delay is due to recognised force majeure conditions.

MANAGING DIRECTOR
(M/s. PRECISION ENGINEERING AND TECHNOLOGY CENTRE

Check List (Documents should contains in Envelope "A")

SI no	Discrimination	Conditions/compliance
1	Tender Document (DD in favour of SPV)	NA
2	Signature in all pages with office seal	Must
3	Memorandum/AoA/Partnership Deed	Yes
4	EMD (DD / Bankers Cheque) Exemption for NSIC (applicable to all MSE units) and Udyam registered of micro and small enterprise registration	NA
5	Authorisation letter for participating at the time of opening the bids	NA
6	Format IV (Not blacklisted)	Must
7	Technical Specifications for the machinery tendered and service offered as per format –II Detailed specification, catalogue, brochure, drawing, etc (No deviation accepted)	Must
8	GST Registration Certificate, PAN Card	Must
9	Authorisation letter for participation	Must
10	Certificate of Authorized Distributorship/Dealership/Retailer ship from the Bidder/Manufacturer.	Must
11	Eligibility (Envelope-A) – Manufacturer	Must
a.	Experience	3 Yrs
b.	Performance Statement showing major supplies effected during the past 2 years	Yes
c.	Turnover with audited Balance Sheet (any of the year)	Rs, 5 Crore
d.	Manufacturer's License (Duly Attested)	Yes
13	Non-Manufacturer	Yes
a.	Experience	Yes
b.	Authorization/Distribution rights from manufacturer	3 Yrs
c.	Performance Statement showing major supplies effected during the past 2 years	Must
d.	Turnover with audited Balance Sheet (for 2 years)	Rs. 5 Crore

e.	In case of dealers/ distributors Turnover over and Experience	Rs.5 Crore 2years
f.	Principal's invoice along with their quotation & also current and valid Authorization/ Dealership Certificate of the Foreign Manufacturer/ Principal.	NA
g.	Submission of Certificate of Registration of firm Authorization Letter from the manufacturer/Bidder to quote and submit tender.	Must
14	Photocopy of Warrantee Agreement between the Bidder and the Service Provider, if applicable.	Must
15	Technical details of the goods and services offered	Must
16	Machine must be handed over in good working condition	Must
17	Validity period of Quotation i. Delivery Period ii. Payment Terms iii. Warranty iv. Discount v. Terms of Delivery vi. Post Warranty AMC vii. Performance Bank Guarantee viii. Liquidated Damages ix. Training to the staff/workers	Must
18	Prices to be quoted in Indian rupees	Must
19	GST, freight and forwarding charges, handling charges, loading/unloading charges, and any other tax/charge as applicable to be mentioned separately	a. To be quoted in the commercial bid alone(in Annexure B) b. Not to be submitted in the technical bid
20	Price quoted to be valid for	90 days
21	Bidders not submitted their bids as per the above formats,	Liabe to be rejected
22	No interest to be paid on the Performance Bank Guarantee.	Yes
23	Declaration – Not Black listed by State Government / Central Government only or any stated / central public sector undertakings / Financial Institutions etc.,	

ANNEXURE – I

PRESCRIBED FORMAT FOR SUBMITTING TENDERS

I/We hereby quote and undertake to supply the goods as specified in the underwritten schedule in the manner in which and within the time specified as set forth in the schedule below. The quotation furnished in the schedule below is subject to the conditions set forth in the Tender notice and terms and conditions received by me/us

I/We hereby forward a Demand Draft for Rs. **1180/-(including GST)** and irrevocable bank guarantee or DD for the Amount mentioned in the Tender Notice as per item towards Earnest Money Deposit drawn in favour of **PRECISION ENGINEERING AND TECHNOLOGY CENTRE, CHENNAI** and agree to have it forfeited in case of I/ We fail to supply the equipment / materials ordered by **PRECISION ENGINEERING AND TECHNOLOGY CENTRE, Regd. Office: TIEMA CENTRE, Plot No. PP3, SIDCO Industrial Estate, Thirumudivakkam, Chennai-600132** as per the terms and conditions of Purchase Order.

Schedule of Rates

Sl. No.	Full description specified in the Schedule	Number in each	* Rate per unit (CIF Value)	Excise duty/ GST/VAT/Cess tax/ Transport / Insurance as applicable	Total Value	Delivery Time	Name & address of the manufacturer

* The rates should be quoted in Indian Rupee only.

SIGNATURE & SEAL OF THE TENDERER

ANNEXURE - II

COMMON ENVELOPE

**CONTENTS: ENVELOPE – A
ENVELOPE – B**

Bid submitted for Supply of

ITEM	PARTICULARS	SPECIFICATION	QTY
1			

Along with Standard Equipment and Accessories

Ref: Tender Notice dated: _____

NAME OF THE TENDERER: _____

To

**The Managing Director
PRECISION ENGINEERING AND TECHNOLOGY CENTRE,
TIEMA CENTRE, Plot no. PP3,
Thirumudivakkam Industrial Estate,
CHENNAI- 600132,
Tamil Nadu, India**

SIGNATURE & SEAL OF THE TENDERER

**Envelop - A –Annexure II, III
Envelop - B – Annexure I**

ENVELOPE – A

TECHNICAL BID

Tender Notice dated _____

NAME OF THE TENDERER: _____

NAME OF THE ITEM (S): _____

SIGNATURE & SEAL OF THE TENDERER

Encl. Annexure Tender Schedule, Annexure II, III

ENVELOPE – B

COMMERCIAL BID

Tender Notice dated _____

NAME OF THE TENDERER: _____

NAME OF THE ITEM (S): _____

Encl. Envelope B – Annexure I

SIGNATURE & SEAL OF THE TENDERER

ANNEXURE-III

Technical Specifications Sheet

**Common Facility Centre (CFC) For M/s PRECISION ENGINEERING AND TECHNOLOGY CENTRE, PP3,
Centre of Excellence, SIDCO Industrial Estate, Thirumudivakkam Industrial Estate, Chennai- 600 132,
TECHNICAL SPECIFICATIONS:**

6. Hot air oven		
Technical specification		
Sl.no	Parameter	Specification
1	Temperature range	Up to 250 °C
2	Temperature accuracy	+/- 2 to 3 °C
3	Paint	Powder coated
4	Power supply	230 Volts, 50Hz, Single phase.
5	Other features	Temperature safety as per DIN 12880 Precise and even heat distribution Class 3.1 Noise-less fan Safe for operator and samples Double walled construction Removable stainless-steel shelves Digital temperature controller Over heat and over current protection Forced air circulation Ventilation of gases Imported heating element
Scope of Supply		
1	Calibration	Equipment with mentioned specification and Calibration certificates. Other items if any for smooth conduct of test as per requisite standard
2	Training	Free training for complete operation of instrument during the warranty period should be offered for Onsite.
3	Other Items	Any other Accessories required for installation and successful operation of offered machine should be offered in the offer. Offered quoted Instrument should be latest instrument from the manufacturer from his current Product Line. Manufacturer should be having a facility to provide after Sales and Service in Tamil Nādu or nearby for faster response and reducing Downtime of Machine.

4	Other Mandatory Items	<p>While supplying the Machines, the supplier should also provide the following items apart from above:</p> <ul style="list-style-type: none"> • Hard copies of Operational & Service Manual- 1 Set. • Machine should come with all other essential accessories & spares required for installation, commissioning & Operation.
5	Warranty	2 years warranty should be offered including spares, service, and Calibration.

ANNEXURE - IV

DECLARATION

I / We _____ having our office at _____ declare that I / We
have never been blacklisted by any State Government / Central Government / or any State / Central PSU.

Signature :

Name :

Designation :

Address of the Tenderer:

Seal of Tenderer :

Date:

Place:

ANNEXURE - V

Certificate by Importer

It is certified that the information furnished by me as detailed below are true in the best of my knowledge and belief.

Time required for effecting the shipment :

Port of shipment :
Country of Origin :
Port of Discharge :

Signature :

Name :

Designation :

Address of the Tenderer:

Seal of Tenderer :

Date:

Place:

Note:

Supplier as an importer should indicate the minimum time required for effecting the shipment after the release of formal purchase order to him. The supplier should indicate the number of days required for effecting the shipment.

ANNEXURE – VI

**Additional documents to be submitted by the Successful Bidders only
Bid Security & Delivery Terms**

a) Bid Security Required	Required
b) Delivery/Commissioning of the Machinery	30 days from the date of receipt of supply order.
c) Commissioning completion period	Within 10 days from the date of arrival of the equipment at the Factory site.
d) Destination	Works site of the PETC at PP3, Centre of Excellence Building, SIDCO Thirumudivakkam, Chennai-600132, Tamil Nadu, INDIA
e) Drawings for Installation Required	Required
f) Testing & Installation Required	Required
g) Agreement on Stamp Paper Required	Required
h) Samples to be submitted along with Quotation	Not Required
i) Printed Users' Manual/Installation Guide	Required
j) Training to faculty and operator	Required
k) Warrantee / Guarantee	One + Two years from the date of installation