

**MSME-TECHNOLOGY DEVELOPMENT CENTRE  
(Central Footwear Training Institute, Chennai)**

**Under  
Ministry of Micro Small and Medium Enterprises, Govt. of India**

**NOTICE INVITING e-TENDER**

Central Footwear Training Institute, Chennai under MSME - Technology Development Centre, under Ministry of MSME, Government of India, invites online bids under two bid systems (i.e. Technical e-Bid and Financial e-Bid) for supply of Machines & Items as mentioned in Point No B. The e-Bid shall be submitted online on [www.eprocure.gov.in](http://www.eprocure.gov.in). The Tender is available on [www.cftichennai.in](http://www.cftichennai.in). No hard copy of Bids shall be accepted in the office.

**TERMS AND CONDITIONS:**

**A. DETAILS OF e-BID:**

S.No	Particulars	Details
1	Bid Reference	E-Tender No. T/17013/69(1)/STO-32/21-22
2	Last Date and Time of receipt of Bid	18 <sup>th</sup> March 2022 by 2.30 PM
3	Date and Time for opening of Technical Bid	19 <sup>th</sup> March 2022 by 2.30 PM
4	Bid Open place / Delivery location of Tender fee & EMD	Director, Central Footwear Training Institute, MSME – Technology Development Centre, No 65/1, GST Road, Guindy, Chennai – 600 032
5	Machine / Equipment delivery address	CFTI – Extension Centre (Multi Skill Development Centre), No 1,2,3 SIDCO Industrial Estate, CN. Annadurai Road, Vaniyambadi - 635751, Tirupattur District
6	EMD	Rs. 10,000/- Refundable (exempted for registered supplier under NSIC Single Point Scheme / UAM)
7	Tender Fee	Rs. 1000/- Non-Refundable (No Exemption)

Note: The EMD and Tender fee should be paid separately in the form of Demand Draft / Bankers Cheque in favour of “Director, CFTI, Chennai” and should be reached to the Stores of this Institute on or before the Technical Bid Opening date

**B. (On Bidder Letter Head) Technical Specification for Insole Design Software (e-BID)**

Name of the Item	Insole Design Software
EMD	Rs. 10,000/-

S No	Required Specification	Offered Specification by bidder with Model No.	Remarks
1	<b>-Make &amp; Model Number</b>		
2	<b>Import Functionality</b> <ul style="list-style-type: none"><li>• Should accept various types of digital 3D plantar, whole foot, foam, plaster cast scans of the format with file extension. USL, SCM and or STL/VRML.</li><li>• Should Allow import of 2-dimensional images in JPEG format from pressure mat, harris mat, 2D document scans of foot, etc.</li></ul>		
3	<b>Design Functionality</b> <ul style="list-style-type: none"><li>• The software should provide WYSIWYG capabilities where the design adjustments are reflected immediately on screen in real time.</li><li>• The software should allow design of prefabricated or semi-custom insoles.</li><li>• Software should support design with insole templates and allow for the addition of external insole templates.</li><li>• The software should allow the thickness and the overall height of the insole to be adjusted.</li><li>• The software should allow the overall and sectional width (e.g., forefoot, midfoot, rear foot) of the insoles to be adjusted to fit the shape of the foot and shoe.</li><li>• The software should allow the size of insole to cater for large foot size up to EURO size 50.</li><li>• The software should provide overlay display of the foot and insole with critical requirement of providing both vertical and horizontal cross-sectional display</li></ul>		

	<p>of the foot and insole for design validation.</p> <ul style="list-style-type: none"> <li>• The software should provide on-screen ruler measurements for visual validation of insole design.</li> <li>• The software should provide both 2D (insole + foot overlay) design window and 3D (insole + foot overlay) window in a side-by-side configuration ease of design flow.</li> <li>• The software should provide ease of use to the user with minimal opening of sub-window menus and having selection of multiple options for easy design flow.</li> <li>• The software should be able to design both full length and <math>\frac{3}{4}</math> Length insoles.</li> <li>• The software should allow the insole design to match the contours of the foot for accommodation and correction insoles though a single selection option.</li> <li>• The software should provide both medial and lateral arch adjustments and the adjustment should be adjusted via a section area and arch heights can be increased, decreased or the area of arch segment can be changed.</li> <li>• The software should allow the arch to be shifted back or forth to provide fit and control adjustments.</li> <li>• The software should allow the side edges (e.g., Edge Sideway) of the insole to be adjusted wider or narrower at different points on the outline of the insoles to accommodate and support different foot shapes.</li> <li>• The software shall provide and allow the adjustment of the edges (e.g., Edge Point Vertical) on the insole in the rear foot and medial section to allow further control of shape, control and correction.</li> <li>• The software shall allow forefoot control adjustments such as lateral and forefoot angles on the insole with a predefined section area and</li> </ul>		
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	<p>its size such as width, length and angles/height can be adjusted.</p> <ul style="list-style-type: none"> <li>• The software shall allow rear foot control adjustments such as lateral and medial wedges on the insole with a predefined section area and its size such as width, length and angle can be adjusted.</li> <li>• The software shall allow for both forefoot and rear foot adjustments bilaterally to provide either lateral or medial ramp.</li> <li>• The software shall allow the control and adjustment of heel cup height with an adjustable section area for rear foot control both symmetrically or asymmetrically with a high lateral or low medial heel cup or vice versa.</li> <li>• The software shall allow adjustment of heel elevation across the whole length of the foot for leg length adjustments.</li> <li>• The software shall provide medial and lateral skiving for medial and lateral rear foot control.</li> <li>• The software should allow for single insole design and mirroring function.</li> </ul>		
4	<p><b>Add-ons</b></p> <ul style="list-style-type: none"> <li>• The software shall provide add-on design functions such as raises, reliefs, cuts, wedges, etc.</li> <li>• The software shall provide basic common add-ons such as metatarsal pad, metatarsal bar, hole relief.</li> <li>• The add-on shapes shall provide design flexibility that allows the shape or size that can be adjusted easily on-screen via handles.</li> <li>• The thickness or angles of the add-ons can be easily adjusted in the software</li> <li>• New designs of add-ons shall be able to be created, saved and be reused.</li> <li>• The add-ons can be hidden or displayed on the insole.</li> </ul>		

5	<b>Export functionality</b> <ul style="list-style-type: none"> <li>The software shall be able to export to STL format for use with external post-processing software for CNC milling or 3D printing.</li> </ul>		
6	<b>Software Environment</b> <ul style="list-style-type: none"> <li>Software should not be a script-based system executed and installed on top of a CAD based environment system.</li> <li>Software should be installed on desktop computer with no additional requirement for high end graphics card., must not be delivered through cloud and designed for single use and secured via a security dongle.</li> <li>Software license should be perpetual and software upgrades (as needed) shall be provided on an ongoing basis.</li> <li>Additional features of the software shall be provided via add-on module licensing capability through the security dongle.</li> <li>Software must support minimum Microsoft Windows 10/11 operating system.</li> </ul>		
7	<b>Warranty: 1 year or more (Please specify the years of Warranty)</b>		
8	<b>- manufacturer's authorization letter</b>		

<p><b>General Instructions to Bidder:</b></p>	<p><b>Note:</b></p> <ul style="list-style-type: none"> <li>- The Machine/Equipment/Software listed in the tender documents would be procured from a SINGLE VENDOR and will not be split over multiple vendors for single tender.</li> <li>- Follow all general Term &amp; Conditions.</li> <li>- Technical bid should contain EMD, technical specification, original Technical Leaflet and customer list.</li> <li>- All the pages to be authenticated with signature &amp; stamp of Bidder.</li> <li>- Deviation in any from our specification should be mentioned and justified.</li> </ul> <p><b>To be Uploaded alongwith Technical Bid:</b></p> <ul style="list-style-type: none"> <li>- Original technical leaflet/Technical Details of specific Make &amp; Model</li> <li>- Authorization letter from OEM</li> <li>- Total number of Installations country wide with customer details</li> <li>- Details of Service Centre with number of trained and qualified personnel for Service Backup</li> <li>- List of Training details on the Hardware and software to be supplied</li> <li>- Details of the software license offer</li> <li>- Details of the warranty and offer of spares</li> <li>- Details of the software version updates annually</li> <li>- Details of the Manual and Documentation that will be supplied</li> </ul>
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### CHECK LIST FOR TENDER DOCUMENT

Sl. No.	Particulars	Yes	No	Remarks
01	Tender Fee			
02	Earnest Money			
03	Technical Bid			
04	Commercial Bid			
05	A Standard Original Brochure of the offered Equipment with all technical information must be submitted along with technical bid.			Must be submitted along with technical bid
06	Latest Income Tax clearance certificate to be enclosed			Must be submitted along with technical bid
07	Latest Sales Tax clearance certificate to be enclosed			Must be submitted along with technical bid
08	Latest Excise clearance certificate if applicable to be enclosed			Must be submitted along with technical bid
09	Registered under DGS & D certificate to be enclosed if applicable			Must be submitted along with technical bid
10	Registered under NSIC certificate to be enclosed if applicable			Must be submitted along with technical bid
11	List of Reputed customers along with their Address, Contact No. & Email Id to whom the said Make and Model Equipment supplied.			Must be submitted along with technical bid
12	Performance certificate of the customer to whom the same model of Equipment supplied.			Must be submitted along with technical bid
13	Authorized Indian Agency certificate of principal supplier			Must be submitted along with technical bid
14	Authorized letter from OEM for participating in tender opening			Must be submitted along with technical bid
15	Test Certificate of the offered Model Equipment need to be enclosed along with technical bid.			Must be submitted along with technical bid

1) Earnest Money Deposit / :  
Bank Guarantee Amount

2) Demand Draft / Bank Guarantee No. :

3) Issue Date :

4) Name of Banker :

Authorized Signatory / Bidder  
(With Seal)

## ANNEXURE –I

(To be submitted duly signed & sealed along with quotation)

1. The Tender Fee and Earnest Money Deposit (EMD) through DD & EMD through DD/ Bank Guarantee in favour of “Director, CFTI, Chennai” should be sent via Speed Post / Courier to the “Director, Central Footwear Training Institute, No 65/1, GST Road, Guindy, Chennai – 600 032 (TamilNadu) or should be produced to the Stores of this Institute within the date of Technical Bid Opening.

2. Tenders should be submitted by online.

### PART-I

- (a) Tender Fee through DD & EMD through DD/ Bank Guarantee in favour of “Director, CFTI, Chennai”
- (b) Containing documents of proof in support of eligible tenderer and customer mailing address.
- (c) Machine/Product’s Original scanned technical leaflet & Brochures.
- (d) Manufacturer’s (OEM) Authorization Letter
- (e) Technical Bid of machine

### PART-II

E-bids are invited in two Bid System (1) Technical and (2) Financial and shall be submitted electronically (online) on [www.eprocure.gov.in](http://www.eprocure.gov.in) for supply of Machines / Items as mentioned in Point No. B. E-Bids shall be submitted within the specified date

3. **No Hard Copy of Bids will be accepted.** This office will not be responsible for any reasons beyond the control of this office
4. Tenders should clearly indicate the minimum time required for effecting supply; the date of delivery should be strictly adhered to. Time is the essence of the contract and the Institute reserves the right to levy liquidated damages @ ½% of the order value for each week of delay or part thereof subject to a maximum of 5%. The Institute may at its option recover all the damages, losses and expenses resulting out of such breach of contract. Tenders should be valid for a minimum period of 90 days from the date of closing.
5. The Institute reserves the right to cancel or accept or reject or postpone the procurement either fully or partly without assigning any reason thereof.
6. Tender final price should be inclusive of all applicable taxes and the tax amounts should be clearly mentioned in the E Tender.
7. The Institute reserves the right to increase or decrease the quantity at the time of placing firm order.



8. The supplier shall also enclose detailed specifications for the equipment, if any with the technical bid. The Institute reserves the right to reject the material if found substandard and not as per specification and supplier must make arrangements to replace the same with correct material at the premises of the Institute, in case of rejections, immediately within a period of 7 days. The party shall bear for all costs and expenses involved in such an event.
9. The offers quoted shall be for free delivery to **CFTI – Extension Centre (Multi Skill Development Centre), No 1,2,3 SIDCO Industrial Estate, CN. Annadurai Road, Vaniyambadi - 635751, Tirupattur District.** For outstation parties, the supplies must be made on door delivery basis at the premises of the Institute in the above address, freight paid. All goods liable to be damaged or deteriorated in transit must be insured, which shall be arranged by the suppliers at their own cost.

**Payment terms:**

10. Advance payment terms are not acceptable.
11. Mere participation in the tender and offering of lowest rates does not confer any right on any Party for placing order on them.
12. All the disputes arising out of the contract shall be subject to Chennai (TN) India Jurisdiction only.
13. Parties are required to affect supplies, commission and install the machinery/equipment/items at any place in the Institute's premises designated by the Institute and extend/maintain warranty/guaranty at such places. Guarantee/Warranty commences from the date of completion of installation/commissioning and training.
14. All the matters concerned to and not covered herein above, the decision of Director, CFTI, Chennai shall be final and binding on the parties.
15. Commissioning/erection charges, if any should be specifically quoted separately with details of labour charges.
16. The equipment offered shall be strictly conforming to specification or better and for complete unit correct accuracies and standard.
17. CFTI, Chennai will have the option to pre-inspect the machine/equipment at supplier's work by their representative or by third party agency appointed.
18. The final inspection will however be carried out at work at CFTI, Chennai.
19. Training either at suppliers work or at any other place shall be to the suppliers account.

20. Supplier must enclose in technical bid their offer list of customer (with their full address and their purchase reference no.) to whom they have made similar supplies in the past five years. The date of supply should also be indicated.
21. The supplier should also mention the nearest service centre of the equipment/machines for Servicing/repairing after commissioning.
22. The machine / equipment / Software should be complete in all respect (i.e Plug and Play).

**Declaration:**

We are agreeing with all the above-mentioned terms & conditions

(OFFICE SEAL)

(SIGNATURE OF AUTHORIZED PERSON / BIDDER)

NAME :

DESIGNATION :

DATED :