

GLOBAL TENDER DOCUMENT

**For purchase of Testing Equipment /Machines & Accessories Under the
“ National Technical Textile Mission(NTTM) R & D Projects”**

Total No. of Equipment : 2 (Two)

Tender No. Nitra/Pur/ PT-3/2023-24/4693

Tender Document & downloading (from www.nitratextile.org & https://www.eprocure.gov.in/eprocure/app)	Up to 11-12-2023 (05.30 pm)
Last date & time for acceptance of online tenders only on https://www.eprocure.gov.in/eprocure/app	12-12-2023 (12.00 pm)
Date & time of opening of Technical bids through e-procurement portal	12-12-2023 (03.00 pm)
Date & time of opening of Financial Bids	Will be intimated later to eligible bidders
Place of submission of bids	https://www.eprocure.gov.in/eprocure/app

**NORTHERN INDIA TEXTILE RESEARCH ASSOCIATION
(Linked to Ministry of Textiles, Govt. of India)
SECTOR-23, RAJ NAGAR, GHAZIABAD-201 002 (U.P.), INDIA**

Phone No: 0120-2807390/91/92/93/94/95

Fax No: 0120-2783596, e-mail: mail@nitratextile.org

Website : www.nitratextile.org

VOLUME - I
(Part – 1)
TENDER FORM

INSTRUCTION TO TENDERER

1.0 GENERAL

- 1.1. Tender form may be downloaded from NITRA's website www.nitratextile.org and through <https://www.eprocure.gov.in/eprocure/app> up to 11-12-2023 till 05.30 PM. Alternatively printed copies can be obtained from NITRA's office at free of cost.
- 1.2. Modifications if any of the above documents will be made by addenda / corrigenda and same will be uploaded on websites www.nitratextile.org and <https://www.eprocure.gov.in/eprocure/app>. Tender documents is be submitted mandatorily on online portal <https://www.eprocure.gov.in/eprocure/app>.

The tenderer shall not make any additions / deletions to or amend the text of the documents except in so far as may be necessary to comply with any addenda / corrigenda issued. The tenderer shall use only tender documents as issued for submitting his quote and shall comply with various terms and conditions.
- 1.3. E-mail, Fax, Telex or Telegraphic tenders shall not be entertained.
- 1.4. The tender shall be filled in & submitted in English only. All accompanying literature and correspondence shall also be in English.
- 1.5. No claim for costs, charges, expenses incurred by the tenderer in connection with preparation of tender submission and for subsequent clarifications of their tender shall be accepted.
- 1.6. Bidders are required to submit Earnest Money Deposit minimum @ 2% of the 'Tender Value' (quoted)

EITHER

Through Demand Draft, favoring 'Northern India Textile Research Association' payable at Ghaziabad. A scanned copy of the Demand Draft should be uploaded on e-tender portal and demand draft should be forwarded in a sealed envelope to our office as below:

**To,
The Chairman Purchase Committee
Northern India Textile Research Association,
Sector-23, Raj Nagar, Ghaziabad- 201 002**

OR

Through RTGS/NEFT to the Bank account of 'Northern India Textile Research Association' FOLLOWED BY AN E-MAIL ALONG WITH DETAILS OF RTGS/NEFT TO NITRA ON mail@nitratextile.org before closure of submission of bids. The Bank details are following:

Name of the beneficiary:	Northern India Textile Research Association
Name of the Bank :	State Bank of India
Account No. :	55065458457
MICR :	110002224
IFSC Code :	SBIN0000642

Disqualified bidder/bidders will get back their EMD within 30 days from the date of opening of financial bid/bids. Demand Draft submitted towards EMD shall be returned after receipt of performance Bank Guarantee from successful bidder.

- 1.7 Nitra reserves its right to alter, change, cancel partially or fully, rescind or modify the terms and conditions of tender without assigning any reason thereof.

2.0 TENDERER TO STUDY DOCUMENTS

- 2.1 Submission of the tender by the tenderer implies that he has read tender documents and has made himself aware of the specifications of machinery and the terms and conditions.
- 2.2 The tenderer shall be deemed to have full knowledge of documents and no extra charges consequent on any misunderstanding or otherwise shall be allowed.
- 2.3 Any question regarding the tender document and discrepancies shall be directed to the Tender Issuing Authority in writing minimum 10 days prior to the due date of submission of tender. The Tender Issuing Authority shall issue all clarifications, interpretations, meanings and specific directions if any in duplicate in writing to all the tenderers. **One copy of these shall be submitted duly signed and seal affixed along with tender submission on online portal.**

3.0 SUFFICIENCY OF THE TENDERER

- 3.1 The tenderer shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender and about the rates quoted by him and cover all his obligations under the tender.

4.0 METHOD OF TENDERING

Each and every paper of tender documents shall be signed by the authorized person(s) and seal affixed.

4.1.0 Authority of signing

- 4.1.1 If the tender is submitted by an individual, it shall be signed by him.
- 4.1.2 If the tender is submitted by a proprietary firm, it shall be signed by the proprietor.
- 4.1.3 If the tender is submitted by a partnership firm, it shall be signed by all the partners of the firm or by a partner holding the power of attorney for the firm for signing the tender, in which case, a certified copy of power of attorney shall accompany the tender.
- 4.1.4 If the tender is submitted by a limited company or a corporation, it shall be signed by a duly authorized person or the person holding the power of attorney for signing the tender, in which case a certified copy of the power of attorney shall accompany the tender.
- 4.1.5 All witnesses and sureties shall be persons of respectable status and probity and their full name, occupations and addresses shall be stated below their signatures.

4.2.0 Stating of Rates

- 4.2.1 The tender shall be filled in English with a neat hand / type and all the figures and words shall be legible.
- 4.2.2 The rates shall be written both in words and in figures. The tenderer shall also show the amount for each item, the total of each section and the grand total of the whole tender.
- 4.2.3 Correction if any shall make Correction, initialing, dating and rewriting.
- 4.2.4 In case of conflict between the figures and words in the rates, the latter shall prevail.
- 4.2.5 The tenders will be verified for accuracy in the arithmetical calculations.

4.3.0 Online Submission

- 4.3.1 The tender shall be submitted online on <https://www.eprocure.gov.in/eprocure/app> on or before 12-12-2023 up to 12.00 pm. Any tender received after this date and time shall not be accepted. Tenders shall be submitted online along with scanned copies of the documents listed below.
- 4.3.2 **“Qualification Documents”**: following documents are to be uploaded:
 - a) EMD - DD of not less than 2% of tender value to be submitted from any Scheduled Bank or through RTGS/NEFT to NITRA’s Bank Account. The applicant without EMD will be out rightly disqualified. (Scanned copy of the DD or NEFT/RTGS Transaction is to be uploaded and original DD is to be sent to our office in sealed envelope)

- b) SSI Certificate if the Manufacturer/supplier, are registered as small industries with the Government. The SSI Manufacturer/suppliers are exempted to deposit EMD. (Self attested scanned copy of the Registration Certificate is to be uploaded).
- c) Profile of bidder's organization.
- d) Copy of PAN Card for Indian Members.
- e) Copy of the Registration Certificate of the organization.
- f) Vendor Evaluation Form (Annexure-II) duly filled along with supporting documents. Failing of which, Chairman, Purchase Committee may disqualify the bid.
- g) If the bidder does not manufacture the equipment, authorization of the manufacturer to the bidder for marketing and servicing the equipments in India should be enclosed along with the tender. In the absence of such authorization, the tender will not be considered.
- h) Tender documents, which shall be signed by the authorized person(s) and seal affixed.

4.3.3 **“Technical Bid”** shall contain (scanned copies need to be uploaded)

- a) Volume II, - Technical Specifications in details of equipment/machine for which bid has been submitted.
- b) List of items including spare parts with quantities for which the financial bid has been submitted.
- c) The equipment for which bid has been submitted should contain the list of clients to whom the respective equipment with same specification has been supplied.
- d) Detailed catalogue for each machine/equipment for which bid has been submitted.

4.3.4 **“Financial Bid”** shall contain financial Specification (scanned copies need to be uploaded)

- a) Bill of Quantities duly completed with price.
- b) The undertaking that Tender Form is duly completed signed and sealed for entering into agreement with terms and conditions for this contract.
- c) Covering letter in duplicate bringing out the tenderer's reservations, if any, regarding compliance with the tender document and his own specific assumption, if any.
- d) Bills/Schedule of Quantities duly completed with price which will be inclusive of all taxes (Service Tax, Sales Tax without 'C' Form/Concessional Rate), duties (Excise Duty, Custom Duty etc.) any other Govt. levies & all other charges (packing, forwarding, loading-unloading, erection and commissioning, insurance and any other incidental charges by what ever name called). No concessional Sales Tax Form will be provided
- e) It is necessary to fill the Tender Value precisely. In case, all individuals' items are not quoted, it will be deemed that that Tender Value is inclusive of quotes of all the individual items as per the tender document.
- g) Validity of bid/bids (technical & financial) should be 180 days.
- h) Volume I (Part -1) Instruction to Tenderer, Volume I (Part-2) - Tender Form, Appendix – TF , Volume-1 (Part-3) Terms & Conditions and addenda / corrigenda /clarification issued before due date of tender duly signed and sealed (in token of acceptance of documents) and Annexure -Format of Bank Guarantee,Vender Evaluation Form,Format for cost details

- 4.3.5. Separate bid for each of the items should be submitted on online portal <https://www.eprocure.gov.in/eprocure/app/eprocure/app>

Note: Bidders need to furnish Pass-Phrase in separate sealed envelope for both the bid parts (Technical & Financial separately) and to be sent to NITRA along with off line document before tender opening.

5.0 TENDER TO BE VALID FOR

Rates quoted by the tenderer shall be valid for a period as given in Appendix-TF from the date of submission or till an extended date mutually as agreed on expiry of the said period.

The Tenderer shall not withdraw or revise or alter any conditions, rate(s) quoted within a stated period, unless he is called upon to do so in mutual agreement / negotiations. NITRA reserves the right to cancel the bid if the tenderer revokes or withdraws the tender within a stated period.

5.1 OPENING OF TENDER

- 5.1.1 The tender shall be opened by the Purchase Committee NITRA on the designated date and time in the confidence or event of any change in the date and time of tender opening, the same would be informed to the tenderer through public notice or individual correspondence or through corrigenda uploaded on e-tender portal.

6.0 AGREEMENT

- 6.1 The successful tenderer shall be bound to implement the contract on receipt of intimation of acceptance from the Purchase Committee, NITRA.
- 6.2 The successful tenderer shall bear stamp duty and other expenses pertaining to preparation and execution of contract document / agreement.

7.0 PROCEDURE FOR REJECTION

- 7.1 The Purchase Committee, NITRA Ghaziabad reserves the right to accept or reject any tender or reject all tenders without giving any reasons for their decision.
- 7.2 Tenders are liable to be rejected in which any of the particulars / prescribed information is either missing or incomplete in any respect and or if the prescribed conditions are not fulfilled.
- 7.3 Canvassing in connection with tender is strictly prohibited and tender submitted by tenderers who resort to canvassing will be liable to rejection.

- 7.4 Tenders containing uncalled remarks or any additional conditions are liable to be rejected. Tenderer can bring out in his / their covering letter along with submission of tender cover “Financial Bid”, his / their’s any reservations, additions, omissions, and assumptions they might have made while pricing the tender. Tender Issuing Authority reserves the right to ignore such additions, deletion other than brought out in covering letter packed in cover “Financial Bid”, by the tenderer. Decision of the Purchase Committee NITRA, Ghaziabad, in this regard shall be final and any non-compliance shall reject the bid.

VOLUME – 1
(Part – 2)

TENDER FORM

To,
The Chairman
Purchase Committee
NITRA
Sector-23, Raj Nagar
Ghaziabad – 201 002 (U.P.).

**Sub : Supply of testing equipment/ machinery to NITRA, Ghaziabad
as per the specifications and Quantities mentioned in the tender.**

Dear Sir,

- a. Having examined the conditions of Tenders / Specifications of the machinery / equipments, we, the undersigned, offer to supply equipment/machines as mentioned in the Annexure as per the quantity and specifications given in the tender.
- b. We agree to abide by this tender for the period given in Appendix TF from the opening date fixed for receiving the same and it shall remain binding upon us for a mutually extended period agreed in writing by us.
- c. If our tender is accepted, we undertake to supply the Equipment/machinery and install the same in Nitra, Ghaziabad mentioned in the tender within the specified periods in Appendix-TF on receipt of written order from the Purchase Committee, NITRA.
- d. If our tender is accepted we will, obtain and arrange:
 1. Transit insurances
 2. Any other statutory obligation, if any, prior of commencement of supply of machinery.
- e. We agree to your right to cancel the order or stop payment without prejudice to any other right or remedy for the following failures on our part.
 1. Changes to tender are made within Validity Period as specified in Appendix-TF.
 2. Supply and installation of equipment/machineries is not commenced within specified period as given in Appendix-TF.
 3. Obligations under (e) above are not fulfilled.
- f. Unless and until a formal agreement/purchase order is prepared and executed, this tender together with your written acceptance thereof, shall constitute a binding contract between us.
- g. We understand that you are not bound to accept the lowest or any tender you may receive.

- h. We agree to make a presentation of the products to be supplied by us, before the Purchase Sub-Committee on the date specified by it.
- i. Fluctuation in foreign exchange rates in respect of the imported equipment/ machinery shall be borne by the equipment/machinery suppliers / authorized Agents.
- j. We hereby declare that the rates quoted by us are the lowest rates.
- k. In case of Imported Items, Please quote Free On Board value (at nearest foreign Airport/ Sea port) & Also quote separately CIP charges up to IGI Airport, New Delhi or ICD Patparganj / Tughlakabad, Delhi (whatever applicable). Also specify compulsorily the packing dimension, Nos. of Box / Cartoon & gross weight of each Box/Cartoon (Packing list). Please specify the name of the port &Country, from where the goods will be dispatched.

Authorized Signatory
to tenderer

Signature dated
Designation / Capacity
Name
Address

WITNESS 1

Signature

ADDRESS

Name

DATE

WITNESS 2

Signature

ADDRESS

Name

DATE

APPENDIX - TF

Sr. No.	Particulars	Remarks
1	Validity of Tender	180 days
2	Address, date and time of submission of the Tender Documents.	On https://www.eprocure.gov.in/eprocure/app Upto 12.00 pm 12-12-2023
3	Supply, installation and commissioning of the machinery etc.	Within 3 months from the date of placement of order or advance paid failing which order may be cancelled.
4	Period of warranty / performance guarantee of machines.	3 Years
5	Submission of the Programme for delivery.	Within 21 days from the date of the acceptance of the order placed.

SEAL AND SIGNATURE OF TENDERER

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VOLUME – I

(Part – 3)

TERMS AND CONDITIONS

1. Before submissions of the tender, the prospective bidders are expected to examine Technical Specifications of the equipment/machineries allied items required, terms and conditions, etc., given in the Tender Documents. Failure to furnish all information required by the Tender documents may result in the rejection of the bid. Detailed specifications of the items tendered and other accessories should be given, in the bid.
2. The descriptive leaflet giving the technical details of the equipment/machineries allied items should be supplied along with the quotation.
3. All accessories required for using the main equipment/machinery to make it fully operational for production are to be specified.
4. The suppliers of the machinery / equipment should provide both theoretical and practical training after commissioning the machinery or at an appropriate stage.
5. The price quoted should be exclusive of duty, ST, installation etc., which should be shown separately in the bid, if applicable. Freight and Insurance charges are to be indicated separately and the same will be paid at actual against supporting documents produced. Packing, forwarding and other charges as applicable are to be indicated separately in the tender.
6. The terms of payment in case of indigenous equipment/ machinery & accessories shall be as under :
 - a) 20% of the machinery cost ex-factory will be paid as advance against confirmation of orders.
 - b) 70% payment will be made against successful installation, commissioning and demonstration of satisfactory performance of the machinery / equipments at site.
 - c) Balance 10% payment will be made within one month from the date of installation & submission of Performance Guarantee (Annexure-1) for 12 months.
7. In case of Imported Items, 100% Payment will be made through Irrevocable Letter of Credit.
8. Delivery of the equipment/machineries should be as per the commitment from the date of receipt of initial payment against acceptance of order in case of Indigenous machinery and should not be extended.

9. **The pre-installation requirements including space, nature of civil work, power point, power requirement etc. are to be mentioned clearly in the technical bid.**
10. Separate bid for each of the items should be submitted online on e-tender portal <https://www.eprocure.gov.in/eprocure/app>
11. The list of organizations (with full addresses, telephone / fax no., e-mail addresses etc.) in India and abroad to which the equipment/machinery were supplied is to be provided in the bid for our reference. Preference will be given if the supplies are made to internationally reputed test houses both in India and other countries particularly for the bided equipment.
12. Validity of the tender should be available up to 180 days. The tender may be rejected if the validity is not given up to 180 days.
13. The supplier should take responsibility for delivering, installing and commissioning of the machinery inside the premises of NITRA, Ghaziabad at the places specified in the tender. The address will be specified in the Purchase Order.
14. Late / delayed tender offers will not be considered at all.
15. Any non-fulfillment of the stipulation given above will make the bid invalid.
16. **Tenders received in physical form will not be considered at all.**
17. Purchase Committee, NITRA reserves the right to accept or reject any or all the bids either in full or part without assigning any reason thereof.
18. The local supplier shall be entirely responsible for all taxes duties, license fees etc., incurred until delivery of the contracted goods (to the purchaser) up to place of delivery.
19. The delivery installation & commissioning period of the equipment/machinery as agreed to should not be extended under normal conditions. Suitable penalty for non- execution of the order may be enforced to the extent of 1% of the cost of machinery for every week extended. In case of the delay beyond scheduled period due to some unforeseen reason, written permission is required from the Chairman, Purchase Committee, NITRA, with proper justification to avoid penalty.
20. The equipment/machinery & accessories should be delivered, installed and commissioned at the address specified in the order. Service / operation / instruction / calibration manuals (in English) tool kit and gauges must also be supplied along with the machinery and accessories.
21. During the guarantee / warrantee period, servicing / maintenance should be undertaken regularly, subsequently Servicing/maintenance should be undertaken by the manufacturer or authorised agency of the manufacturer.

- 22. Warranty / performance guarantee period of three years should be given in respect of all the machinery and accessories supplied. Terms for service contract after the expiry of said warranty period are to be quoted separately.**
23. The manufacturer / supplier may indicate the Status of the Manufactured Product / or of the performed services as regards to ISO 9000 quality system..
24. List of servicing centres in India is to be indicated with detailed address, telephone no. / fax no. / e-mail address etc.
25. All pre-installation requisites such as Cables, Plugs, Compressor, Stabilizer etc. should be provided by the supplier along with the equipment/ machinery. NITRA, Ghaziabad concerned will provide adequate space, electricity & water, as the case may be, for the successful installation and commissioning of the equipment/ machinery.
26. The Capacity statement of equipment, plant and past performance details should be provided.
27. Calibration Certificate from NABL accredited Lab is to be provided mandatorily for all the instruments.

NOTE: The bidder has to specifically state that the clauses one to all as above have been read and understood and agree to comply all the above mentioned clauses individually.

**FORMAT OF BANK GUARANTEE OF 10% OF CONTRACT VALUE
(ON NON-JUDICIAL STAMP PAPER OF RS.10/-)**

Bank guarantee No. _____ Date : _____
This deed of guarantee made this _____ day of _____ 20 _____ (Two Thousand -----
----- Only) (Name and address of the Bank) _____

_____ hereinafter referred to as 'the Bank') which expression shall where successors and assignees of the Bank and the Chairman, Purchase Committee, Nitra, which expression shall unless repugnant to the context of the meaning thereof include its legal representatives, successors and assignees.

WHEREAS the Nitra has placed its Purchase Order bearing No. _____ dated _____ on (name and address of the party) _____ (hereinafter called 'the supplier' for the supply of _____.

AND WHEREAS the Chairman, Purchase Committee, Nitra has agreed to pay to the supplier final 10% of the value of the equipment on submission of a Bank Guarantee of equal amount, which will be kept valid upto _____ being the period of 12 calendar months from the date of Bank Guarantee.

In consideration of the Chairman, Purchase Committee, Nitra having agreed to pay to the supplier Rs. _____ Rupees _____ only) being the last 10% of the value of the equipment, we (name of the Bank) hereby undertake and guarantee to make repayment to the _____ of the said 10% amount or any part thereof which does not become payable to the supplier by the Chairman, Purchase Committee, Nitra in accordance with the subject to the terms and conditions of the said order within _____ days from the date of dispatch / from the date of receipt of the material at site. The Bank further undertakes not to revoke this guarantee during its currency except with the previous consent of the Chairman, Purchase Committee, Nitra in writing and this guarantee shall be a continuous and irrevocable guarantee up to a sum of Rs. _____ (Rupees _____ only).

The Bank shall not be discharged or released from this guarantee by any arrangement between the supplier and the Chairman, Purchase Committee, Nitra with or without the consent of the Bank or any alterations in the obligation of the parties or by any indulgence, forbearance shown by the Chairman, Purchase Committee, Nitra to the supplier and the same shall not prejudice or restrict remedies against the Bank nor shall the same in any event be a ground of defence by the Bank against the Chairman, Purchase Committee, Nitra. We (name of the Bank) do hereby undertake to pay an amount equal to 10% of the order value being the amount due and payable under this guarantee without any demur, merely on demand from the Chairman, Purchase Committee, Nitra stating that the amount claimed is due to the Chairman, Purchase Committee, Nitra. In case the Chairman, Purchase Committee, Nitra puts forth a demand in writing on the Bank for the payment of the amount in full or in part against this Bank guarantee, the Bank shall considered that such demand by itself a conclusive evidence and proof that the supplier has failed in complying with the terms and conditions stipulated by the Chairman, Purchase Committee, Nitra in the purchase order

and payment shall be made to the Chairman, Purchase Committee, Nitra without raising any dispute regarding the reasons for any such lapse/failure on the part of the supplier.

This guarantee shall be in addition to and without prejudice to any other securities or remedies which the Chairman, Purchase Committee, Nitra may have to hereinafter possess against the supplier and the Chairman, Purchase Committee, Nitra shall be under no obligation to marshal in favour of the Bank any such securities or fund or assets that the Chairman, Purchase Committee, Nitra may be entitled to receiving or have a claim upon and the Chairman, Purchase Committee, Nitra at its absolute discretion may vary, exchange renew, modify or refuse to complete or enforce or assign any security or instrument.

The Bank agrees that the amount hereby guaranteed shall be due and payable to the Chairman, Purchase Committee, Nitra on the Chairman, Purchase Committee, Nitra serving with a notice requiring the payment of the amount and such notice shall be deemed to have been served on the bank either by actual delivery thereof to the Bank or by dispatch thereof to the Bank by Registered Post shall be deemed to have been duly served on the Bank notwithstanding that the notice may not in fact have been delivered to the Bank.

In order to give full effect to the provisions of this guarantee, the Bank hereby waives all inconsistent with the above provisions and which the Bank might otherwise as guarantor be entitled to claim and enforce.

NOTWITHSTANDING anything contained herein before, the liability under this guarantee is restricted to Rs. _____ (Rupees _____ only). The guarantee shall remain in force till the _____ and unless the guarantee is renewed or a claim is preferred against the Bank within three months from the said date all rights of the Chairman, Purchase Committee, Nitra under the guarantee shall cease and Bank shall be released and discharged from all liability hereunder.

(SIGNATURE)

PLACE :

DATE :

SEAL

CODE NO.

NOTE : SUPPLIERS SHOULD ENSURE THAT SEAL AND CODE NO. OF THE SIGNATORY IS PUT BY BANKER, BEFORE SUBMISSION OF THE BANK GUARANTEES.

VENDOR EVALUATION FORM

S.No.	Parameter	Unit	Document to be submitted as proof
1.	Average Sales Turnover in India (Average of Last 3 Financial Years)	Rs.Crores	
2.	No. of clients served in last 3 financial year	Nos.	Year-Wise Client List
3.	Does the manufacturer have its own office in India	Yes/No	Letter from the manufacturer
4.	How Long is the manufacturer operating in India	No. of Years	Letter from the manufacturer
5.	Does the manufacturer have an authorized representative in India or its operates directly	Yes/No	Mention details of the authorized Representative
6.	Does the manufacturer/ authorized representative have an office in NCR	Yes/No	Address of the office in NCR
7.	Does the manufacturer have a technical support team in India	Yes/No	None
8.	Does the authorized representative have a technical support team in India	Yes/No	None
9.	No. of technical support personnel employed in NCR	Nos.	Provide list of technical support team
10.	Have the manufacturer/authorized representative supplied machines/equipment to Government Institutions in India	Yes/No	List of Govt. Institutions along with list of Machines/Equipment supplied to them.

SEAL AND SIGNATURE OF TENDERER

FORMAT FOR COST DETAILS

(Cost particulars should be given in this format instrument wise/ accessories wise separately)

Note: All the cost particulars should be furnished either in Indian Rupees or foreign currency. If more than one model of the instrument is quoted, use separate sheets

Part 1: Cost details of imported equipments/instruments/Machine

Name of the Instrument/Machine:

Sr. No.	Cost Details for foreign components	Cost in Rs / foreign currency (Pl. Specify)
i)	Total landed cost of the equipment inside the laboratory of NITRA as per the destination mentioned in the tender document. including installation, agency commission, packing, forwarding, insurance, custom clearing etc.	
ii)	NITRA will provide only custom duty exemption certificate and applicable duty for R&D purpose.	
iii)	AMC details: - (a) AMC rate/per year (comprehensive/non- comprehensive) for the next 3 years, after the expiry of warranty period including the accessories (Two preventive and one breakdown visits)	1 st Year: 2 nd Year: 3 rd Year:
	(b) Travelling cost /conditions	
	(c) Any other conditions	
Delivery schedule of the equipment:-		months

Part 2: Cost details of Indigenous equipments/instruments

Name of the Instrument :		
Sr. No.	Cost Details of indigenous items	Cost in Rs.
i)	Total Cost (inclusive all taxes, installation charges)	
ii)	AMC details (including the accessories):- (a) AMC rate comprehensive/non- comprehensive cost for the next 3 years, after the expiry of warranty period	1 st Year: 2 nd Year: 3 rd Year:
	(b) 2 preventive visits/1 breakdown visits per annum	
	(c) Travelling cost /conditions	
	(d) Any other conditions	
Delivery schedule of the equipment:-		

Cost details of optional items/spare parts required for the next 2 yearsPart-I

(imported items)

Sr. No.	Cost Details for foreign components	Cost in \$/£/ ¥/any other specify
i)	Total cost at the specified laboratory including agency commission, packing and forwarding, insurance, etc.	

Cost details of optional items / spare parts required for the next 2 years.Part 2

: (Indigenous items) :-

Sr. No.	Cost Details of indigenous items	Cost in Rs.
i)	Total Cost (inclusive installation charges)	
ii)	Any others (to be specified)	
iii)	Total Cost	

Sr. No.	Details of Requirement for Opening L/C.(for imported items only)
1.	Foreign Supplier's Name and Complete address on whom L/C will be opened.
2.	Foreign Banker's Name & Address
3.	Foreign supplier's Bank Account No.
4.	Port of shipment
5.	Country of Origin
6.	Period to keep open the L/C – (Validity of L/C)
7.	Period of negotiation will be 21 days
8.	Delivery Schedule from the date of issuance of purchase order

Note

1. Additional copies may be taken for each instruments
2. NITRA will not provide any excise or sales tax exemption certificates. However, duty exemption certificate will be given plus applicable duty for equipment/machines for R&D purpose. Please verify the same with specific equipment as some of the equipments are exempted from payment of duties completely.

TECHNICAL SPECIFICATIONS
(Volume-II)
List of Equipment / Machines

Sl.No.	Name of the Equipment/ Machine	Qty.	Location
1	Single Fibre Fineness & Tensile Tester	1 Set	Ghaziabad
2	Manikin Flame Engulfment Tester	1 Set	Ghaziabad

1. Specification for Single fibre fineness and tensile properties testers

Single fibre fineness tester

- Should be capable of fineness and tensile properties of fibres of minimum fibre length 28mm
- Pre-tensioning clips for different fineness fibres
- Accuracy of $\pm 1\%$ and can be used for specs of ASTM, BISFA and DIN
- With a repeatability of better than or equal to 1.0%
- Evaluation software to provide linear density values in denier, dtex in combination with tensile properties

Single fibre tensile tester

- Gauge length 5 – 50mm
- Suitable for Wet BISFA testing principle
- Testing speed 0.5 to 50mm
- Suitable vibroclips for particular denier
- Force value accuracy $\pm 1\%$
- Elongation value accuracy $\pm 0.005\text{mm}$
- Evaluation software to provide display of linear density, tenacity, elongation, force etc.

It is preferable that both equipments should be able to run without instrument air and by electro mechanical means.

Preferably both equipment should be able to run individually without computer in case of emergency

General Requirements

1. Vendor shall be responsible for the installation & commissioning of the complete system at the NITRA site.
2. Comprehensive training of NITRA personnel shall be provided along with operation, and maintenance of the complete system.
3. Detailed checklists and operation manual/s shall be provided for regular operation, operation, and maintenance of the complete system.
4. Necessary Tools and Spares for the operation and maintenance of the complete system shall be provided.
5. Full system drawings, part lists, etc shall be provided.
6. Details of authorized resellers/agents/representatives in India, along with their address and contact information shall be provided.
7. Indian Agent Commission and copy of the agreement with Indian Agent.
8. Bidder should agree in writing to provide technical support and spares for a period of at least ten years after completion of the standard warranty term of one year (only willingness to be indicated not the associated cost).
9. Extended Warranty/CMC costing to be provided 3 Years (post standard warrant terms of one year)
10. Infrastructure/facilities required from NITRA for successful installation & Commissioning.
11. A list of preferably 5 satisfactory buyers of the same instrument/apparatus shall be provided by the tenderer. A letter from the buyer about the satisfactory running of the machine should be provided.

2. Technical Specifications of Manikin flame engulfment test apparatus

The apparatus shall fulfill the requirements of the latest version of IS 17881 (Part 1), IS 17881 (Part 2), ISO 13506-1, ISO 13506-2, ASTM F 1930, and NFPA 2112 standards.

The details of the technical specification of the Manikin system and burn evaluation chamber are given below. If there is any variation between the required specification and those proposed by the supplier, a proper justification for the variation needs to be provided. The final decision for the acceptance or not acceptance of the justification given by the supplier will be of the technical committee.

1. Instrumented Manikin

i) Formation of Manikin:

- a) The manikin shall be of Adult Male type.
- b) It shall have a head, neck, chest/back, abdomen, buttocks, arms, hands, legs, and feet.
- c) The primary body dimensions of the manikin shall conform to the dimensions as mentioned in the ASTM F 1930. The overall manikin form shall meet the 50th percentile human dimensions as mentioned in ASTM F 6240.
- d) The construction materials of manikin shall be non-metallic, fire-resistant, and thermally stable. It shall not interfere with or help in the combustion process.
- e) Vendor shall specify the material used for the construction of the manikin along with all the required properties like durability (mechanical & other properties), flame resistance, and thermal stability.
- f) The minimum life or number of test cycle exposure of the manikin body when subjected to the specified test conditions of ASTM F 1930 shall be specified.
- g) The manikin body shall have joints at ankles, hips, knees, elbows, and shoulders to enable full articulation and adjustable settings to allow posing in fixed positions. The parts of the body especially the hands shall disassemble for easy dressing and understanding.
- h) The manikin shall have internal space for fitting the Data acquisition system.

ii) Manikin Sensor system:

- a) Thermal energy sensors should be distributed as uniformly as possible all over the manikin body form. The distribution of sensors as uniform or non-uniform shall be clearly specified.
- b) At least 134 thermal energy sensors should be provided including two on each hand and foot.
- c) The percentage distribution shall meet the requirement of ASTM F1930.
- d) Sensor shall have the capacity to measure the incident heat flux over a range from 0.0 to 167 kW/m² (0.0 to 4.0 cal/sec.cm²).
- e) The sensors shall be constructed of a material with known thermal and physical characteristics that shall be used to indicate the time-varying heat flux received by the sensors.
- f) Sensors shall have long-term stability for repeated use and optimal matching to human skin.
- g) The minimum response time for the sensors shall be ≤ 0.1 Sec. The sensor surface shall have a minimum absorptivity of 0.9.
- h) The type of sensor shall be copper disc flux sensor or equivalent. The detailed technical specifications of the sensor shall be provided.
- i) Additional sensors amounting to a minimum of 15 Nos for manikin body form.
- j) Heat flux measuring device, traceable to NIST or a similar standards body, shall be provided to calibrate the heat/energy sources used to calibrate the thermal energy sensors.
- k) A hand-held heat flux gun with NIST traceable reference sensor shall be provided for in-situ calibration of the manikin's sensors.
- l) Calibration certificate shall be provided for Heat Flux Sensors as per the requirement of ISO 15025.
- m) Calibration process of heat flux skin simulate sensors and calibration facility at NITRA may be provided with proper training.

iii) Manikin Data Acquisition and Instrumentation.

- a. Data acquisition components shall be fitted inside the manikin body form to ensure high-accuracy measurement through digitization of signals close to the source.
- b. Leads from each sensor should connect to microprocessor control boards mounted inside the manikin.
- c. A water-cooling system shall be provided for the protection for sensitive internal components, to provide a uniform operating temperature, and to prevent temperature drift from affecting processor accuracy.
- d. A system shall be provided with the capability of acquiring and storing the results of the measurement from each sensor at least four times per second for the data acquisition period.
- e. Single cable shall be provided to supply power and communication to the manikin. This cable shall have proper shielding from flame exposure and include a connection from manikin handling convenience.
- f. Sensor data shall be collected at high speed, digitized, and transmitted to a PC/Laptop user interface running the software for Burn injury assessment.
- g. External electronics for the manikin and burn chamber shall be housed in another enclosure along with necessary cabling to provide power and to communicate with the manikin.
- h. One Workstation with the below-mentioned specifications shall be provided for the operation and control of Data Acquisition and instrumentation. The burn Assessment program shall also be loaded on this workstation for data analysis, burn injury prediction, visualization, and report generation.

Workstation Specifications (Minimum): It should be compatible with the software. The following is the requirement:

Intel 12th Gen i7,16 GB RAM, 500GB SSD, WiFi, Keyboard, Mouse, 27” Monitor, Win 11 Pro (64 bit)

iv) Burn Assessment Software Program

- a. Computer Software program shall be provided having the capacity to receive the output of sensors
- b. It shall calculate time-dependent heat flux.

- c. It shall calculate temperature within skin and subcutaneous layers as a function of depth and time
- d. It shall predict second or third-degree burn injury for each sensor utilizing a skin burn injury model as per IS 17881 (Part 1 & Part 2), ASTM F1930, ISO 13506 (Part 1 & Part 2), NFPA 2112.
- e. It shall predict total burn injury and the percentage of predicted burn injury.
- d. It shall generate a diagram of the manikin showing location and burn injury levels as second and third-degree areas along with sensor distribution in a color-coded form.
- e. It shall report the results as per the reporting format mentioned in IS 17881 (Part 1 & Part 2), ASTM F1930, ISO 13506 (Part 1 & Part 2), and NFPA 2112.
- f. Report of burn injury prediction shall be generated immediately after the completion of the test.

v) **Flame Test Chamber**

- a) The exposure chamber shall be ventilated, fire-resistant enclosure with viewing windows and access door (s) to enclose the manikin and exposure apparatus.
- b) Exposure chamber shall be a self-contained, enclosed space built from fire-proof materials. Interior walls shall be galvanized and power-coated sheet steel (white), while the exterior wall material shall meet site requirements for housing the flame test chamber.
- c) The exposure chamber size shall be sufficient to provide uniform flame engulfment of the manikin and shall have sufficient spaces to allow safe movement around the manikin.
 - i) The minimum size of the chamber shall be 4.5 m X 4.2m X 3.0m.
 - ii) Large viewing windows in the wall and safety windows in access door/s shall be provided.
 - iii) Chamber shall include mounting provisions for manikin and cable routing as necessary to protect from heat exposure.

- d) System shall be supplied with a pre-engineered ventilation system having a forced exhaust ventilation system (complying with NFPA 86(2015) Section 5.4) to supply oxygen for combustion, and to vent the heated chamber space after a burn. Openings to the exterior of the test chamber shall be provided for a passive supply of adequate amounts of air for the safe combustion of fuel during exposure.
- e) Exposure chamber shall be equipped with sufficient safety devices, detectors, and suppression systems.
 - a. These may include devices like propane gas detectors, motion detectors, door closure detectors, hand-held fire extinguishers, and other necessary safety devices.
 - b. A system like a water deluge system with an interlocked “LEL/Exhaust system” or equivalent shall be provided.
 - c. These devices shall be built-in into the burn chamber system to protect operators and equipment.
- vi) **Fuel and Delivery system:** The chamber shall be equipped with fuel supply, delivery, and burner systems to provide reproducible flash fire exposures.
 - a. A system of propane/LPG gas piping, pressure regulators valves, and pressure sensors including a double block and bleed burner management system or equivalent shall be provided to safely deliver gaseous fuel to the ignition system and exposure torches.
 - b. This delivery system shall be sufficient to provide a uniform heat flux of at least 2.0 cal/sec/cm² (84kW/m²) for an exposure time of at least 20 seconds.
- vii) **Ignition and Burner system:**

The burner system shall consist of one ignition pilot flame for each exposure burner, and sufficient burners (at least twelve) to provide the required range of heat fluxed with flam distribution uniformity to meet the requirement of IS 17881 (Part 1 & Part 2), ASTM F1930, ISO 13506 (Part 1 & Part 2), and NFPA 2112.

- a. Each exposure burner shall be equipped with an ignition system positioned near the exit of the burner, but not in the direct path of the flames so as not to interfere with the exposure flame pattern.
- b. The ignition system shall be interlocked to the burner gas supply valves to prevent the premature or erroneous opening of these valves.
- c. The flame exposure burners shall be large, induced combustion air, industrial style propane/LPG burners positioned around the manikin to produce a uniform laboratory simulation of a flash fire.
- d. At least Twelve (12) burners shall be used and positioned to yield the required exposure level and uniformity.
- e. Each burner must be individually controlled to create a user-customized burn profile.
- f. The complete Fuel delivery and burner arrangement shall be PLC controlled.
- g. Video monitoring system (VMS) available for safe viewing of test and video recording of flame and garment response before, during, and after the flame exposure shall be provided.
- h. The system shall have minimum specifications of recording at 30 FPS, at a resolution of 1280/720 pixels with storage of 1 TB. The operation of V.M.S. shall be directly controlled and integrated with the overall system operation and control software for recording, storing & accessing the video monitoring system output.
- i. Safety provisioning before, during, and after the test, through a safety checklist, Automatic test sequencing, integrated chamber, and gas safety functions and operating interlocks shall be provisional.
- j. This shall be integrated with the overall 'system operation and control software' comprising of data monitoring, operational control of fire, data acquisition system, skin burn injury calculations, report, preparation, and supporting functions (For guidance Appendix X2 of ASTM F 1930 may be referred).

viii) General Requirements

1. The supplied system shall comprehensively meet the requirement of IS 17881 (Part 1 & Part 2) ASTM F1930, ISO 13506 (Part 1 & Part 2), and NFPA 2112 standards.
2. System shall be suitable for installation within an interior laboratory space.
3. Vendor shall be responsible for the installation & commissioning of the complete system at the NITRA site. The vendor shall demonstrate the performance of the system to meet the requirements of IS 17881 (Part 1 & Part 2) ASTM F1930, ISO 13506 (Part 1 & Part 2), and NFPA 2112 standards.
4. Comprehensive training of NITRA personnel shall be provided for regular operation, fail-safe control operation, and maintenance of the complete system for a period of at least 5 days.
5. System, sub-system, and component level Bill of material (BOM) shall be provided.
6. Safety Provisions shall be inbuilt into the complete system and interlocked with the overall system operation and control software.
7. Automatic Report operation shall be provisioned as per requirements of IS 17881 (Part 1 & Part 2) ASTM F1930, ISO 13506 (Part 1 & Part 2), and NFPA 2112.
8. **Calibration and Setup requirements:** It shall be possible to set up the test apparatus and undertake calibration as per ASTM F 1930 specified requirements Calibration shall be possible for
 - a. Individual sensors against suitable NIST traceable reference.
 - b. ‘Sensor-Data acquisition- Burn model as a unit.
 - c. Exposure flame for the stated exposure levels.
9. **Checklists and Operation manuals:** Detailed checklists and operation manual/s shall be provided for regular operation, fail-safe control operation, and maintenance of the complete system.
10. Software validation report for Burn injury Assessment and skin temperature calculations [meeting IS 17881 (Part 1 & Part 2), ASTM F1930, ISO 13506 (Part 1 & Part 2), and NFPA 2112 requirements for calculations of those parameters] shall be provided.
11. Necessary Tools and Spares for the operation and maintenance of the complete system shall be provided.
12. Full system drawings, part lists, etc shall be provided.

- 13.** System packaging shall be adequate to ensure the safe transport of all sub-systems and components.
- 14.** Details of authorized resellers/agents/representatives in India, along with their address and contact information shall be provided.
- 15.** Indian Agent Commission and copy of the agreement with Indian Agent.
- 16.** Bidder should agree in writing to provide technical support and spares for a period of at least ten years after completion of the standard warranty term of one year (only willingness to be indicated not the associated cost).
- 17.** Extended Warranty/CMC costing to be provided 3 Years (post standard warranty terms of one year)
- 18.** Activity chart with Timelines for installation commission & training for the complete system.
- 19.** Infrastructure/facilities required from NITRA for successful installation & Commissioning.
- 20.** A list of preferably 5 satisfactory buyers of same instrument/apparatus shall be provided by the tenderer. Letter from buyer about the satisfactorily running of instrument should be provided.

Special instructions to Bidders for e-Tendering

General

The Special Instructions (for e-Tendering) supplement 'Instruction to Bidders', as given in these Tender Documents. Submission of Online Bids is mandatory for this Tender.

E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Now, the Government of India has made e-tendering mandatory. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement. For conducting electronic tendering, NITRA has decided to use the portal <https://www.eprocure.gov.in/eprocure/app>, a Government of India Undertaking. This portal is based on the world's most 'secure' and 'user friendly' software from ElectronicTender®. A portal built using ElectronicTender's software is also referred to as ElectronicTender System® (ETS).

Benefits to Suppliers are outlined on the Home-page of the portal.

Instructions

Tender Bidding Methodology:

Broad Outline of Activities from Bidder's Perspective:

1. Procure a Digital Signing Certificate (DSC)
2. Register on ElectronicTendering System® (ETS)
3. Create Marketing Authorities (MAs), Users and assign roles on ETS. It is mandatory to create at least one MA.
4. View Notice Inviting Tender (NIT) on ETS
5. For this tender -- Assign Tender Search Code (TSC) to an MA
6. Download Official Copy of Tender Documents from ETS. Note: Official copy of Tender Documents is distinct from downloading 'Free Copy of Tender Documents'. To participate in a tender, it is mandatory to procure official copy of Tender Documents for that tender.
7. Clarification to Tender Documents on ETS
 - Query to NITRA (Optional)
 - View response to queries posted by NITRA
8. Bid-Submission on ETS
9. Attend Public Online Tender Opening Event (TOE) on ETS
 - Opening of relevant Bid-Part
10. Post-TOE Clarification on ETS (Optional)
 - Respond to NITRA Post-TOE queries
11. Attend Public Online Tender Opening Event (TOE) on ETS
 - Opening of relevant part (ie Financial-Part)
(Only for Technical Responsive Bidders)

For participating in this tender online, the following instructions are to be read carefully. These instructions are supplemented with more detailed guidelines on the relevant screens of the ETS.

Digital Certificates

For integrity of data and authenticity/ non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC). also referred to as Digital Signature Certificate (DSC), of Class 2 or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer <http://www.cca.gov.in>].

Registration

To use the ElectronicTender® portal <https://www.eprocure.gov.in/eprocure/app>, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In ETS terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and click on the ‘Supplier Organization’ link under ‘Registration’ (on the Home Page), and follow further instructions as given on the site. Pay Annual Registration Fee as applicable.

After successful submission of Registration details and Annual Registration Fee, please contact ISN/ ETS Helpdesk (as given below), to get your registration accepted/activated

Important Note: To minimize teething problems during the use of ETS (including the Registration process), it is recommended that the user should peruse the instructions given under ‘ETS User-Guidance Center’ located on ETS Home Page, including instructions for timely registration on ETS. The instructions relating to ‘Essential Computer Security Settings for Use of ETS’ and ‘Important Functionality Checks’ should be especially taken into cognizance.

Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of users, assigning roles to them, etc.

Helpdesk	
Telephone/ Mobile	+91-0120-4200462 +91-0120-4001002 +91-0120-4001005
E-mail ID	Cppp-nic@nic.in

Some Bidding related Information for this Tender

The entire bid-submission would be online on ETS (unless specified for Offline Submissions). Broad outline of submissions are as follows:

- Submission of Bid-Parts/ Envelopes
 - *Technical-Part*
 - *Financial-Part*

Offline Submissions:

The bidder is requested to submit the following documents offline to the under mentioned address before the start of Public Online Tender Opening Event in a Sealed Envelope.

*The Chairman Purchase Committee,
Northern India Textile Research Association,
Sector-23, Raj Nagar,
Ghaziabad*

The envelope shall bear (the project name), the tender number and the words 'DO NOT OPEN BEFORE' (due date & time).

1. *Demand Draft in favor of 'Northern India Textile Research Association' payable at Ghaziabad to the extent of minimum 2% of the Tender Value (Quoted) from any scheduled Bank towards the Earnest Money Deposit.*

Note: The Bidder should also upload the scanned copy of the above mentioned original document as Bid-Annexures during Online Bid-Submission.

2. *Pass –Phrase in separate sealed envelop for both the bid parts(Technical & Financial)*

Special Note on Security and Transparency of Bids

Security related functionality has been rigorously implemented in ETS in a multi-dimensional manner. Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in ElectronicTender's software. Specifically for Bid Submission, some security related aspects are outlined below:

As part of the ElectronicEncrypter[®] functionality, the contents of both the 'ElectronicForms[®]' and the 'Main-Bid' are securely encrypted using a Pass-Phrase created by the Bidder himself. Unlike a 'password', a Pass-Phrase can be a multi-word sentence with spaces between words (eg I love this World). A Pass-Phrase is easier to remember, and more difficult to break. It is mandatory that a separate Pass-Phrase be created for each Bid-Part. This method of bid-encryption does not have the security and data-integrity related vulnerabilities which are inherent in e-tendering systems which use Public-Key of the specified officer of a Buyer organization for bid-encryption. Bid-encryption in ETS is such that the Bids cannot be decrypted before the Public Online Tender Opening Event (TOE), even if there is connivance between the concerned tender-opening officers of the Buyer organization and the personnel of e-tendering service provider.

CAUTION: All bidders must fill ElectronicForms® for each bid-part sincerely and carefully, and avoid any discrepancy between information given in the ElectronicForms® and the corresponding Main-Bid. For transparency, the information submitted by a bidder in the ElectronicForms® is made available to other bidders during the Online Public TOE. If it is found during the Online Public TOE that a bidder has not filled in the complete information in the ElectronicForms®, the TOE officer may make available for downloading the corresponding Main-Bid of that bidder at the risk of the bidder. If variation is noted between the information contained in the ElectronicForms® and the 'Main-Bid', the contents of the ElectronicForms® shall prevail. Alternatively, the Buyer organization reserves the right to consider the higher of the two pieces of information (eg the higher price) for the purpose of short-listing, and the lower of the two pieces of information (eg the lower price) for the purpose of payment in case that bidder is an awardee in that tender.

Typically, 'Pass-Phrase' of the Bid-Part to be opened during a particular Public Online Tender Opening Event (TOE) is furnished online by each bidder during the TOE itself, when demanded by the concerned Tender Opening Officer.

It is mandatory to submit the Pass Phrase (Technical & Financial) before Tender opening Event. In case of failure of submitting the Pass –Phrase his relative bid will be Archive Un-opened/Rejected online.

Additionally, the bidder shall make sure that the Pass-Phrase to decrypt the relevant Bid-Part is submitted to NITRA in a sealed envelope before the start date and time of the Tender Opening Event (TOE).

There is an additional protection with SSL Encryption during transit from the client-end computer of a Supplier organization to the e-tendering server/ portal.

Public Online Tender Opening Event (TOE)

ETS offers a unique facility for 'Public Online Tender Opening Event (TOE)'. Tender Opening Officers, as well as, authorized representatives of bidders can simultaneously attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. Alternatively, one/ two duly authorized representative(s) of bidders (i.e. Supplier organization) are requested to carry a Laptop with Wireless Internet Connectivity, if they wish to come to NITRA office for the Public Online TOE.

Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)', including digital counter-signing of each opened bid by the authorized TOE-officer(s) in the simultaneous online presence of the participating bidders' representatives, has been implemented on ETS.

As soon as a Bid is decrypted with the corresponding 'Pass-Phrase' as submitted by the bidder himself during the TOE itself or as per alternative methods prescribed in the Tender Documents, salient points of the Bids (as identified by the Buyer organization)

are simultaneously made available for downloading by all participating bidders. The tedium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'.

ETS has a unique facility of 'Online Comparison Chart' which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Bid-Part of a tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/ or Financial Comparison Chart enhances Transparency. Detailed instructions are given on relevant screens.

ETS has a unique facility of a detailed report titled 'Minutes of Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/ Downloading'.

There are many more facilities and features on ETS. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

Other Instructions

For further instructions, the vendor should visit the home-page of the portal <https://www.eprocure.gov.in/eprocure/app> and go to the **User-Guidance Center**

The help information provided through 'ETS User-Guidance Center' is available in three categories – Users intending to Register / First-Time Users, Logged-in users of Buyer organizations, and Logged-in users of Supplier organizations. Various links (including links for User Manuals) are provided under each of the three categories.

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

SEVEN CRITICAL DO'S AND DON'TS FOR BIDDERS

Specifically for Supplier organizations, the following '**SEVEN KEY INSTRUCTIONS for BIDDERS**' must be assiduously adhered to:

1. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on ETS
2. Register your organization on ETS well in advance of the important deadlines for your first tender on ETS viz 'Date and Time of Closure of Procurement of Tender Documents' and 'Last Date and Time of Receipt of Bids'. Please note that even after acceptance of your registration by the Service Provider, to respond to a tender you will also require time to complete activities related to your organization, such as creation of -- Marketing Authority (MA) [ie a department within the Supplier/ Bidder Organization responsible for responding to tenders], users for one or more such MAs, assigning roles to them, etc.

It is mandatory to create at least one MA. This unique feature of creating an MA enhances security and accountability within the Supplier/ Bidder Organization.

3. Get your organization's concerned executives trained on ETS well in advance of your first tender submission deadline on ETS
4. For responding to any particular tender, the tender (ie its Tender Search Code or TSC) has to be assigned to an MA. Further, an 'Official Copy of Tender Documents' should be procured/ downloaded before the expiry of Date and Time of Closure of Procurement of Tender Documents. Note: Official copy of Tender Documents is distinct from downloading 'Free Copy of Tender Documents'. Official copy of Tender Documents is the equivalent of procuring physical copy of Tender Documents with official receipt in the paper-based manual tendering system.
5. Submit your bids well in advance of tender submission deadline on ETS (There could be last minute problems due to internet timeout, breakdown, et al)
6. It is the responsibility of each bidder to remember and securely store the Pass-Phrase for each Bid-Part submitted by that bidder. In the event of a bidder forgetting the Pass-Phrase before the expiry of deadline for Bid-Submission, facility is provided to the bidder to 'Annul Previous Submission' from the Bid-Submission Overview page and start afresh with new Pass-Phrase(s)
7. ETS will make your bid available for opening during the Online Public Tender Opening Event (TOE) 'ONLY IF' your 'Status pertaining Overall Bid-Submission' is 'Complete'. For your record, you can generate and save a copy of 'Final Submission Receipt'. This receipt can be generated from 'Bid-Submission Overview Page' only if the 'Status pertaining overall Bid-Submission' is 'Complete'.

NOTE:

While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth, fifth, sixth and seventh instructions are relevant at all times.

Minimum Requirements at Bidder's End

Computer System having configuration with minimum Windows 7 or above, and
Broadband connectivity
Microsoft Internet Explorer 7.0 or above
Digital Certificate(s)