

No Tender Form Fee



राष्ट्रीय फैशन प्रौद्योगिकी संस्थान
NATIONAL INSTITUTE OF FASHION TECHNOLOGY

NATIONAL INSTITUTE OF FASHION TECHNOLOGY, BENGALURU.

ईप्रक्रिया निविदा सूचना-
E-PROCUREMENT TENDER NOTICE

"मशीन की आपूर्ति और स्थापना के" लिए निविदा
TENDER DOCUMENT FOR "SUPPLY AND INSTALLATION OF MACHINES"

E-Tender (open) No. 04/Machines/NIFT-BGL/DFT/64/2019

Tender form issued to: _____

Time schedule for tender process

Date of publication of E-tender notification in CPP Portal	02-03-2021 at 11.00 am
Tender document available in CPP Portal commence from	02-03-2021 at 11.30 am
Bid submission start date in CPP Portal	03.03.2021 at 12.00 pm
Last date / time for download in CPP Portal	22-03-2021 up to 2.00 pm
Last date for submission of filled in tenders in CPP Portal	22-03-2021 up to 3.00 pm.
Time and date of the opening tenders - CPP Portal	23-03-2021, 03.30 pm.
Date and Time of the opening Financial Bids	will be notified to the technically qualified

Note: This tender document contains 20 pages and bidders are requested to sign on all the pages. The Technical bid & the Price bid should be sealed by the bidder in separate covers duly subscribed & both these sealed covers are to be put in a bigger cover which should also be sealed & duly super scribed as "Supply and Installation of Machines"

**NIFT CAMPUS, C.A. Site No. 21, 16th Cross, 27th Main Road, Sector – I,
H.S.R. Layout, Bengaluru – 560 102, Phone: 91-80- 2255 2550 to 55**

E-mail: admin.bengaluru@nift.ac.in

Web: <http://www.nift.ac.in/bengaluru/businessopportunities.html>

<http://eprocure.gov.in/eprocure/app>

PREAMBLE / INTRODUCTION

National Institute of Fashion Technology (NIFT) is a premier educational institution set up under an Act of Parliament and functioning under the aegis of the Ministry of Textiles, Govt. of India. The Bengaluru Centre has been set up since August, 1997 with undergraduate and post graduate programmes.

TENDER NOTICE:

NIFT invites E-tender under Two Bid systems for Supply and Installation of Machines to NIFT Bengaluru as per the quantity and specification mentioned in Annexure III. The tender bids duly-filled in all respects enclosing necessary documents to submit in the **CPP Portal (Central Public Procurement Portal, Government of India, e-prcurement - <http://eprocure.gov.in/eprocure/app>)** on or **before 3.00 PM, 22nd March, 2021.**

1. ELIGIBILITY CRITERIA

The Tenderer must fulfill the following eligibility conditions:

- i) Machine Manufacturers or their Authorized Agents or any Machinery Supplier is eligible to apply.
- ii) Tenderer's sales turnover should not be less than Rs.25.00 Lakhs (Rupees Twenty Five Lakhs) per annum in the past two years in the sale of same or similar machines/equipment. The tenderer should submit copies of supporting documents to prove the condition.
- iii) Tenderer should be a supplier of similar machines/equipment for at least two years. The tenderer should submit copies of supporting records to prove the condition.
- iv) The tenderer should not have been blacklisted by any State Government/Central Government and/or any Central PSU. Declaration to this effect should be furnished in the Technical Bid. (Annexure IV).

2. SUBMISSION OF BIDS through E-Portal:

A. Tenders should be submitted in CPP Portal only.

B. Tender should be submitted the following separately.

- i) Technical Bid (Annexure – I to V)
- ii) Price Bid / BOQ. (Annexure – VI)

C. Tender should be submitted in the prescribed Tender Document only. It is available in the - <http://eprocure.gov.in/eprocure/app>

- i. Tender form will be accepted only through the online mode through the CPP portal website <https://eprocure.gov.in/eprocure/app>
- ii. Manual bids shall not be accepted.
- iii. The interested Agency should apply online and submit their filled in tender and the bids along with scanned copies of all the relevant certificates, documents, etc. in support of their Technical Bids & Price Bids on the <https://eprocuregov.in/eprocure/app> from **02.03.2021 to 22.03.2021 up to 2.00 pm.**
- iv. Tender documents is also available for viewing on the “tenders” link of the NIFT website <http://www.nift.ac.in/bengaluru/businessopportunities.html>
- v. Original Tender Document (except Price Bid) duly signed & stamped on all pages of tender documents as acceptance of tender conditions along with Technical Bid form with all relevant documents with self-attestation to be enclosed
- vi. Evidence of successful completion of at least 3 (three) orders.
- vii. In case of any clarification required relating to this tender, the same can be sought from the following official of NIFT by email: Ms. Sweta Jain, Associate Professor and Head of the Department, email - cc.mft.bengaluru@nift.ac.in

3. DUE DATE & TIME

Tender document is available in <https://eprocure.gov.in/eprocure/app> as mentioned in the Tender schedule at **Page No.1**. The filled in tenders should be submitted before the due date and time as mentioned in the tender notice (Page No.1). The tenders will be opened at **3.30 pm on 23.03.2021**. If the last day happens to be a holiday, the tender will be opened on the next working day at the same time.

4. EARNEST MONEY DEPOSIT (EMD)

If the bidder wants to quote for all the items, the EMD should be enclosed for total amount ie. **Rs.3,07,000/-** [or] if the bidder wants to quote for few items, the bidder may enclose EMD accordingly, for those items EMD as mentioned below:

Earnest Money Deposit (EMD) amount break up:

Sl.No	Name of the Required Item	Qty.	EMD amount in Rs.
1	Flatbed Ultrasonic welding with presser foot type anvil (not roller type) with vertical cutter	1	57,000.00
2	Bonding Tape laying machine with mechanical type fabric edge cutter	1	48,000.00
3	Flatbed Hot and cold pressing (large area)	1	35,000.00
4	Hot air Cylinder bed Seam Sealing machine.	1	53,000.00
5	Laser cutting and engraving machine with camera	1	67,000.00
6	Portable bonding station with flat base iron	1	2,000.00
7	Air Compressor	1	20,000.00
8	Free arm / Rotatory Ultrasonic welding with roller type anvil	1	25,000.00
Total			3,07,000.00

- I. Tenderer should pay EMD through RTGS / NEFT for **Rs.3,07,000/- in favour of NIFT, payable at Bengaluru** as the non-interest bearing Earnest Money Deposit.
- II. **RTGS / NEFT, the transaction ID should be given. (NIFT, Bengaluru, General Account No 546202050000013, IFSC Code – UBIN0568864, Union Bank of India – NIFT Campus Branch, 16th Cross, 27th Main Road, Sector – 1, HSR Layout, Bengaluru – 560 102).**
- III. Cheque will not be accepted towards Earnest Money Deposit.
- IV. Tender document without EMD shall be rejected.
- V. For exemption of EMD, supporting documents should be attached (copy of MSME/NSIC registration certificate).
- VI. The Earnest Money Deposit/Security Deposit will be forfeited if:**
 - a) Tenderer withdraws his tender or backs out after acceptance.
 - b) Tenderer fails to remit the Security Deposit.
 - c) Tenderer violates any of the conditions prescribed in the Tender Document.
 - d) Tenderer revises any of the terms quoted, during validity period.

5. REFUND OF EARNEST MONEY DEPOSIT

The Earnest Money Deposit of the unsuccessful tenders will be returned to their bank account, after the acceptance of the successful tender.

6. SUBMISSION OF TENDER - TWO COVER SYSTEM

I. TECHNICAL BID

The Technical Bid as prescribed should be filled up along with necessary enclosures specified.

The Technical Bid should contain the following:

- I. Proof of Online Transfer of the EMD amount to NIFT, Bengaluru.
- II. Documentary proof for the constitution of the tenderer firm with details of the name, address, telephone number, mobile phone number, e-mail address and website address if any of the tenderer should be furnished.
- III. Documentary proof of the capacity to supply the required quantity. For this purpose, Annual Turnover statement, Annual Report and Balance Sheet for the last **two years viz., 2018-19 & 2019-20** duly attested by a qualified Chartered Accountant should be submitted (Annexure II).

- IV. Duly attested Copy of PAN card.
- V. Copy of Income Tax return filed last two years in respect of Indian Tenders.
- VI. Duly attested copies of valid General as well as GST certificate.
- VII. Details of Standard and other Accessories offered as specified in Annexure III.
- VIII. Declaration duly signed by the tenderer (Annexure IV)
- IX. ***Illustrated*** pamphlets containing all the Technical Details, Specification of the tendered item should be enclosed along with the tender form. Failure to attach the detailed pamphlet, brochure, and drawing may result in the rejection of tender.
- X. Credentials of the tenderer with experience in supply of same or similar Machines/ Equipment in the last 03 years in the following format.

Sl. #	Year	Date of Receipt of order	Name of the company / Govt. department	Value of order	Whether full supply was made within the time stipulated, if not, give details of delayed offers and reasons thereof.
1					
2					
3					
4					
5					

7. If the tenders are not attached the above will summarily be rejected. Annexure – I to V should be attached in the Technical Bid.

8. PRICE

Basic unit Rate which shall be quoted per item as listed in the tender (Annexure VI), shall be inclusive of all other charges to NIFT Bengaluru. Price should be quoted as per the columns mentioned in Annexure VI. The rates should be indicated clearly both in figures and in words. If there is any variation between the rates in Figures and words, the lower rate will be taken for evaluation.

The rate quoted shall be inclusive of the rate of all accessories specified in Annexure – III and no separate rate should be quoted for such accessories.

1. Unit Rate should be quoted in Indian Rupees only.
2. Validity of the rates quoted in the Tender will be up to 3 months from the date of opening of the Tender.
3. Rates should be quoted only for one model for a single item / for a particular item. If the tenderer quotes rate for more than one model, the Tender will be liable for rejection.

9. DETAILS TO BE FURNISHED AND MODE OF PRESENTATION

- a) The Tenders should contain all particulars like the name and address of the Tenderer as per the format given in Part – 1, Page No.10, **(Technical Bid)**
- b) The Price details must be quoted in the PRICE BID only as per format and incomplete details on the above will be treated as non-responsive offer and the tender is liable for rejection. **The rates should be valid for 3 months from the date of opening of the Tender.**
- c) The Rates should be quoted for each item as per specifications given and it should be indicated clearly both in words and Figures. The tenderer with full signature should attest any scoring or overwriting. The rate quoted should not be subjected to any price variation clauses. If there is a variation between the quote in figures and in words, then the lower amount will be taken as the correct quote. Any confusion in the price bid will make it liable for rejection by the evaluation committee.
- d) Leaflets and specifications of quoted items should necessarily accompany the offer.

10. CERTIFICATES: Warranty / Guarantee Certificate

Tender should furnish one year warranty / guarantee and free service from the date of installation.

11. OPENING OF TENDER AND EVALUATION THEREON

The filled in tenders received up to **3:00 P.M.** on the last day as mentioned in the Tender notice and the same will be opened at **3.30 P.M on 23.03.2021.**

1. The Tenderers are advised to go through all the terms and conditions carefully. Reporting of any corrections or alteration, etc., after submitting the tender, will not be entertained.
2. The Director, NIFT Bengaluru reserves the right to accept the whole tender or any part thereof or reject all the tenders, if the interests of NIFT so require, without assigning any reasons whatsoever and to waive any minor discrepancy in the tenders received.
3. If the successful Tenderer fails to execute the agreement and / or deposit the required security Deposit within the time specified or withdraws the tender after

intimation of the acceptance of the tender or fails to comply with the conditions above or owing to any other reason, tenderer is unable to execute the contract, the Earnest Money Deposit /Security amount deposited by tenderer, will be forfeited along with liability for all damages sustained by the NIFT by reasons of such breach including the liability to pay any difference between the rates accepted by tenderer and those ultimately paid by the NIFT for the procurement of the **Machines** i.e. Notional loss suffered by the NIFT, such damages, shall be assessed by the Director, NIFT Bengaluru whose decision is final and the amount assessed is recoverable by proceeding under the suitable law.

12. TENDER EVALUATION CRITERIA

Tenderers who satisfy the technical conditions stipulated in the tender document and who have enclosed all the documents / supplied materials required will alone be considered as qualified Tenderers after the technical evaluation. The tenders of such qualified Tenderers alone will be considered for "Opening the Price Bid". **Lowest unit price quoted for individual items mentioned in Annexure VI shall be criteria for selection.** However, NIFT reserves the right of placing the orders to any of the Tenderers.

13. ACCEPTANCE OF TENDER

The Purchase Order will be issued to the successful tenderer by the Director, NIFT Bengaluru.

14. EXECUTION OF AGREEMENT AND PAYMENT OF SECURITY DEPOSIT

1. The conditions stipulated in the tender form should be strictly adhered to and any violation of any of the conditions will entail termination of the contract without prejudice to the NIFT Bengaluru to recover any consequential loss from the successful Tenderer.
2. The successful tenderer will be required to remit within five days from the date of receipt of communication intimating them of the acceptance of the Tenders, the security deposit equivalent to 5% to 10% value of the total purchase orders placed with the firm by way of Bank Guarantee or Demand Draft /Bankers Cheque drawn on any Nationalized Bank and payable to NIFT Bengaluru. If the accepted Tenderer fails to remit the Security Deposit within the above said period, the Earnest Money Deposit remitted by him shall be forfeited to NIFT Bengaluru and his Tender will be held void.
3. The Security Deposit will not bear any interest. The Security Deposit furnished by the Tenderer in respect of his tender will be kept as Performance Security Deposit.
4. The Performance Security should remain valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
5. EMD will be refunded to the successful bidder on receipt performance security.

15. FORFEITURE OF EARNEST MONEY DEPOSIT

If the Successful Tenderer (referred as “Tenderer”) fails to act according to the tender conditions or backs out after the tender has been accepted, the EMD will be forfeited by NIFT Bengaluru.

16. VARIATION IN QUANTITIES

The Director, NIFT Bengaluru reserves the right to accept the tender either in full or in part and either to increase or to decrease the quantities to the extent of twenty five percent (25%) indicated in the tender schedule, unless qualified by the specific limitation of the tender.

17. RELEASE OF PURCHASE ORDER

- It is not binding on the part of the Director, NIFT Bengaluru to accept the lowest or any other tender and Director reserves the right to reject or accept any tender fully or partly or retender. The Director, NIFT Bengaluru reserves the right to accept and place the supply orders to the successful tender/ tenderer.
- The Director, NIFT Bengaluru also reserves the right to relax or waive any of the tender conditions and reject the tender if any one of the conditions.

18. EXECUTION OF PURCHASE ORDER

The tenderer should nominate and intimate to NIFT Bengaluru his authorized representative specifically to handle the purchase order from NIFT and ensure that he fully familiarizes himself with the terms and conditions of the Tender Purchase Order and the Guidelines, and is responsible to effectively execute the Purchase Order complying with all the terms and conditions.

19. DELIVERY

- a) **The machines should be delivered to NIFT Bengaluru within 60 days from date of receipt of purchase order.**
- b) **The delivery schedule should be adhered to strictly.** If the tenderer fails to complete the supply within the stipulated time, the order for the Supply and Installation of Machines **and necessary Accessories** will be liable to be cancelled. In such a case, the Security Deposit will be forfeited.
- c) In order to take care of the situation arising out of the failure of the tenderer to supply as per the schedule and quality and norms, the orders placed with such tenderer will be cancelled with sufficient cause.
- d) Delivery of goods shall be made by the tenderer at NIFT Bengaluru in accordance with the terms specified by NIFT, Bengaluru.

20. ASSEMBLING AND INSTALLATION

The installation/assembling of machines should be done within 15 days from the date of receipt of machines at the National Institute of Fashion Technology, Bengaluru.

The above machines needs to be delivered, erected & commissioned with exhaust system (relevant fittings & fixtures are to be supplied & fitted) at NIFT Bengaluru without any additional cost. Complete training to be provided for minimum of 2 full days & maximum as per need.

21. PAYMENT TERMS

Payment will be made within 30 days after satisfactory supply/installations of the items.

22. JURISDICTION FOR LEGAL PROCEEDING

Suit or any legal proceedings in regard to this matter arising in any respect under this contract shall be instituted in any court in Bengaluru only.

23. PENALTY

In the event of failure of the successful tenderer to deliver the machines within the stipulated time, without prejudice to other remedies under the contract a penalty equivalent to 0.5% (Half Percent) of the value of delayed goods will be levied per week with a maximum of 5% of the contract value. If requested by the tenderer, it is the discretion of the Director, NIFT, Bengaluru to grant extension of time with penalty/without penalty and to purchase the stock from any other source at the prevailing market rate at the risk and responsibility of the successful tenderer and to claim any loss sustained by NIFT, BENGALURU in the transaction from the tenderer besides forfeiting Earnest Money Deposit and Security Deposit.

24. REJECTION CRITERIA

Tenders with incomplete information subjective and conditional offers as well as partial offers will be liable for rejection.

25. GENERAL

The tenderer should enclose, proof for carrying out supplies, as specified, to various customers during the **last two years, i.e. 2018-19 & 2019-20** turnover details and financial statement, major purchase order copies and acceptance certificate by customers in the Technical Bid.

26. SAVING CLAUSE

- a) In case any doubt arises on interpretation or otherwise of any point in this tender document, NIFT shall be referred to for clarification.
- b) At any time after the issue of the tender documents and before the opening of the tender, the Tender Inviting Authority may make any changes, modifications or amendments to the tender documents will be uploaded as Corrigendum in the CPP Portal – <https://eprocure.gov.in/eprocure/app>

PART – I TECHNICAL BID

Name of the Tenderer : _____

Address : _____

Pin Code No.: _____

Tel. No. : _____

Mobile No. : _____

Email. : _____

Status of the Company : _____

(Pls. Tick mark as applicable) : Proprietor/Partnership/Company

S.N	Registration Under	Proof enclosed Yes / No
1	Copy of Shop and Establishment	
2	Copy of Firm / Company Registration	
3	Copy of PAN Card	
4	Copy of GST Registration	
5	Copy of Annual turn over - 2018-19 and 2019-20	
6	Copy of IT return for the Financial years - 2018-19 and 2019-20	
7	List of Clients	
8	Illustrated pamphlets containing all the Technical Details, Specification of the tendered item should be enclosed along with the tender.	
9	This tender document contains 20 pages and bidders are requested to sign on all the pages. The Technical bid & the Price bid should be submitted separately.	

Note : Enclosures should be enclosed in Technical bid, otherwise tender will be rejected.

Seal and Signature

UNDERTAKING

I hereby undertake that the information provided above and elsewhere in the tender is true and the tender is liable to rejection, if the same is found to be false or the information is found to have been suppressed by me.

Further, we agree to provide minimum one year free service from the date of **Supply and Installation of Machines.**

Place:

Date: **Signature with full name & Seal of the Tenderer**

Mob:

ANNEXURE – I

EARNEST MONEY DEPOSIT (EMD) PAYMENT PARTICULARS (Demand Draft / Online Payment details):

Sl. #	D.D. No. / Transaction No.	Date	Name of the Bank, Branch and Place	Amount
1				
2				
3				
4				
5				
6				
7				
8				

UNDERTAKING

I/We, hereby declare that the particulars furnished by me/us in this offer are true to the best of my/our knowledge and I/We understand and accept that, if at any stage the information furnished by me/us are found to be incorrect or false, I/We am/are liable for disqualification from this tender and also liable for any penal action that may arise due to the above, besides being black listed.

Seal and Signature

Date:

Place:

Seal and Signature

ANNEXURE – II

TURN OVER DETAILS

As per the tender eligibility criteria, the sales turn-over should not be less than **Rs.25 Lakhs (Rupees Twenty Five Lakhs only) per annum** in the past two years. These turn-over details will have to be substantiated with the appropriate documentary evidences duly enclosed.

The last two years sales turn-over details are furnished as follows.

Name of the Company / Firm:

Sl. #	Financial Year	Turnover (Rs. In Lakhs)
1	2018-19	
2	2019-20	

Proof of the above sales turn-over details should be furnished in the form of audited balance sheets of the tenderer. In case the Audited balance sheet is not ready, financial statements duly authenticated by the qualified Chartered Accountant should be enclosed.

Seal and Signature

Date:

Place:

Seal and Signature

Annexure III**MACHINES SPECIFICATION AND REQUIRED QUANTITY**

SL. No.	Item	No. of Units
1	<p><u>Flatbed Ultrasonic welding with presser foot type anvil (not roller type) with vertical cutter</u></p> <p>Technical Specification Power consumption 700 W Ultrasonic frequency 40KHz with noise free operating environment Horn Dimension(mm) 3X6 Maximum welding speed 10 ft/min Ultrasonic power range 1-10 units Applicable for kints and Lycra Fabric Touch screen with digital parameter setting Fabric thickness of 1mm to 5mm Intelligent cutter system with cutter pressure adjustment 1-5 Innovative motorised cutter Self calibration based on the fabric thickness and cutter pressure Cutter up/down positioning sensor and synchronised with fabric feeding movement After the ultrasonic welding & cutting, the left over small seam allowance depends on cutter bit construction. Cutter bit sizes 3,5,and 7. Anti fray edge cutting in both straight and curve seams. Software Upgradable Inline skip ultrasonic patterns programming feature. Drop feed concept of Ultronic welding / Cutting control system Synchronised feeding with position sensor.</p>	1 No.
2	<p><u>Bonding Tape laying machine with mechanical type fabric edge cutter</u></p> <p>Technical Specification Power consumption 3600 W Maximum temperature Hot Air 800°C Maximum temperature Electric 200°C Maximum speed 60 ft/min Suction for Waste Collection Standard upper roller size: 15 mm Standard lower roller size: 15 mm Upper roller sizes-Optional in mm: 25 mm Lower roller sizes-Optional in mm: 25 mm Roller types: Standard, soft silicon Digital tape tensioner synchronise to roller movement Heating system: Hot air and electric heater Types of Nozzle: Multi-hole Differential Speed of Top / Bottom Roller Touch Screen PLC System Both Straight and Curve Seam Workable on 2D and 3D construction Maximum Tape width upto 20mm</p>	1 No.

3	<p>Flatbed Hot and cold pressing (large area)</p> <p>Technical Specification Power supply AC 220V 50/60/Hz Single phase Power consumption 1500W Maximum temperature 260°C Timing range 1-999 secs Upper mold area(mm) 305 X 305 Lower mold area(mm) 300 X 300 Cylinder dia size(mm) 100 Stand for machine Unique Motorised heat/cool change over Proximity sensors for cold change over and lower bed locking. Supervisor mode with temperature, timing, pressure limits locked. Self diagnostic system and alarms functions for machine breakdown Inbuilt temperature calibration system Touch screen with inbuilt PLC display Dual Hand push button operating system for operator safety. Safety lever and emergency cancel switch for operator safety. Foot pedal operating function. Air pressure sensor to monitor the inlet line air pressure Easy change over of different pressure reading system (Kg/cm2,Bar,Psi,Mpa) Dual timer of T1 and T2 function PLC controlled system with accurate temperature and pressure. Tolerance level of temperature and work area pressure can be programmed Alarming system for uneven temperature and pressure. Temperature and pressure trend graph display Complete and incomplete cycle counting system Preference of machine operating functions like temperature lock, timer lock, foot pedal activation, any key cancel, hot and cold mode. Industrial chiller for cool mold</p>	1 No.
4	<p>Hot air Cylinder bed Seam Sealing machine.</p> <p>Technical Specification Power consumption 3600 W Maximum temperature 800°C Maximum speed 60 ft/min Standard upper roller size: 25.4mm Standard lower roller size: 31 mm Upper roller sizes-Optional in mm: 10,12,14,16,17,18,20,22,23,27,28,29 Lower roller sizes-Optional in mm: 12,14,16,17,18,20,22,24,25.4,27,28,29,31 Roller types: Standard, soft,metal Roller groove types: Shallow groove,deep groove. Standard Nozzle size: 22 mm Optional nozzle sizes: 6,8,10,12,13,14,16,17,18,20,22,24,26,28,30 Types of Nozzle: Simple,diffusion,baffle,multi-hole Self diagnostic system with alarm display. Power saver mode when the machine is kept idle. Step motor controlled 3 Axis nozzle movement Nozzle angle adjustment Soft landing movement of the nozzle Oscillation mode of nozzle Heat press mode to use with out tape after sealing. During variable speed Nozzle position auto change</p>	1 No.

	<p>Nozzle parking mode Step motor operated Digital tape tensioner Tape length measurement calculating function Multifunctional foot pedal control Touch panel control with password protection Start/stop Seal Skip Prevention, and Heat Press Mode 30 Memory bank system to save different temp, speed and settings Memory Read and Write function with locking system Dual PLC control Real time variable speed sealing Pneumatic operated Tape cutter Tape cutting controlled by foot pedal and from touch screen Start/middle/end Tape feeding controlling function programming Cycle program option with different pre defined length and repeats combination. Multi parameter function with tape control and roller speed control Roller and Nozzle size changeable. Differential speed of top and bottom roller Calibration option for nozzle precise position Auto micro reverse of roller Production statics to monitor the production output Post bed offset pedestal lower roller Electric breaker safety protection. Belt type transmission Operator working lamp Electric circuit breaker and sign voltage protection circuit breaker contactor Software Upgradable</p>	
5	<p>Laser cutting and engraving machine with camera</p> <p>Technical Specification Laser cutting and engraving machine Hermetic and detached CO2 laser tube Bed dimensions 1400 X 900 Laser power: 100 W Step motor driving system Timing belt transmission German type linear guide system Positioning system: Continuous automatic capture device (CCD) HD camera 64 bit DSP control system PC Interface: USB 2.0 Port, USD disk Cutting speed 0-36000 mm/min Engraving speed: 0-64000 mm/min Graphic supported: PLT,JPGE,PCS,TGA,DST,DXP,DXF,DWG,CDR Industrial chiller cooling system Operating temperature: 0 to 45 deg C Applicable material: cloth, wool, leather, paper, plastic, rubber, PVC plate, wood, rexin, acrylic, etc.. Accessories: air pump and exhaust blower unit CCD control panel step motor driving system</p>	1 No.

6	Portable bonding station with flat base iron Technical Specification Power supply AC 220V 50/60/Hz Single phase Power consumption 100W Maximum temperature 260°C Digital Temperature Controller Thermocoupler Sensor Feedback for Uniform and Consistent Temperature	1 No.
7	Air Compressor Technical Specification 7.5 HP Screw Compressor Air Compressor Type: Screw type silence one. Maximum Final Pressure— 10.2 kg/Cm Sq Capacity in CFM— above 21 CFM Motor Power— 7.5 HP Air Receiver Spec: Design Pressure — 11 Bar Max Working PR — 10 Bar Test Pressure — 16.5 Bar Capacity— 200 litres Design Temp— 120 deg Fitted with water drain outlet and air dryer	1 No.
8	Free arm / Rotatory Ultrasonic welding with roller type anvil Working power supply— 220 VAC @ 50/60 Hz Ultrasonic Frequency— 28 Khz Speed 65 Ft/Min Power consumption— 700 W Lower horn dia size— 50mm Upper envil wheel working width— 2-10mm Technical Specification 1. Workable in different type of garments, like active wear, intimate wear, outer wear, protective wear etc.. 2. Suitable for stretch and non stretch fabrics. 3. Differential speed control options on feeding system. 4. Welding with cutting and just welding type evil wheels. 5. Upper envil vertical rotation and lower horn horizontal rotation. 6. Interchangeable of different pattern optional rollers. 7. PLC controller unit 8. Self diagnostic system of breakdowns 9. Multifunctional informative LCD display with touch screen 10. Digital based protective power supply of ultrasonic generator. 11. Adjustment setting for horn in 3 axis 12. Option to control the operating frequency. 13. Option to set the current gain of the ultrasonic output in the power supply of ultrasonic generator. 14. Fixed length seam welding function with repeat cycle function. 15. Individual pedal control for evil wheel up/down movement. 16. Option for additional roller pressure and speed control in seam joints. 17. Digital pressure gauge for upper envil with coarse and fine air pressure. 18. USB interface on software upgradable feature. 19. Timing belt driven with pulse motor on horn rotation and upper envil wheel	1 No.

Note: Details of Standard and other Accessories offered as specified in above machines (enclose in your letter head separately)

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 :

Name of the Agency :

Address of the tenderer :

Seal of the tenderer:

Date:

Place:

Seal and Signature

ANNEXURE – V

PRICE BID CERTIFICATION

To
The Director
NIFT, Bengaluru

I/We.....of.....

.....
.....

.....hereby contract and agree
on the acceptance of this tender by The Director, NIFT, Bengaluru to **Supply of
Machines** in accordance with the terms and conditions of contract stated in the tender
document, the goods hereunder named of the quality and sort and at the rates or price
specified in Annexure – VI.

Signature :

Name :

Seal of tenderer :

Date:

Place:

Seal and Signature

ANNEXURE – VI

PART – II PRICE BID (Submit separately)

Sl. No.	Machines required As per Annexure – III Page Nos from 14 to 17	Total Qty.	Rate per Unit Rs.	Delivery, Installation, Transport, labour, training and all other charges per unit Rs.	GST. (%)	Total Rs.
1	Flatbed Ultrasonic welding with presser foot type anvil (not roller type) with vertical cutter	1				
2	Bonding Tape laying machine with mechanical type fabric edge cutter	1				
3	Flatbed Hot and cold pressing (large area)	1				
4	Hot air Cylinder bed Seam Sealing machine.	1				
5	Laser cutting and engraving machine with camera	1				
6	Portable bonding station with flat base iron	1				
7	Air Compressor	1				
8	Free arm / Rotatory Ultrasonic welding with roller type anvil	1				
Grand Total						

Total amount in words:

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The above Total amount mentioned is inclusive of all tax, installation, labour, transportation and other charges if any

Place:

Date:

Mob:

Seal & Signature

Seal and Signature