Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
G T Road By Pass, Jalandhar-144011, Punjab (India)
EPABX-0181-2690301 & 453 website: www.nitj.ac.in email: registrar@nitj.ac.in

Ref. No. NITJ/PUR/183/18/e-Tender No.18/2018 **Date:**

Please find enclosed herewith the following:		**Page No.**
1.	e-Tender Notice - NITJ/PUR/183/18/e-Tender No. 18/2018 & Schedule for Opening of the e-Tender	2
2.	Detail of Equipments, Tender Fee , EMD & Processing Fee	3
3.	Important Note	4
4.	Instruction to Tenderers	5-7
5.	Tender Evaluation	8-10
6.	Terms & Conditions	11-13
7.	Special Conditions For Submitting Bid In Foreign Currency by The Indian Agents/Dealers	14-15
8.	Questionnaires A & B	16-17
9.	Performa for performance statement	18
10.	Annexure 'A' **(Specifications of the Equipment CAT-A,B,C,D,E,F)**	19-30
11.	Annexure 'B' & 'C' **(Format For Performance Bond/ Guarantee & Format For Performance Bond (Bank Guarantee)**	31-32
12.	Annexure – 'D' **(Format for Manufacturer's Authorization Form)**	33
13.	Annexure- 'E' (**Declaration Regarding Blacklisting/ Debarring for taking part in Tender)**	34
14.	Annexure –'F' **(Financial Bid for Indian Rupees)**	35
15.	Annexure – 'G' **(Financial Bid for Foreign Currency)**	36
16.	Annexure –'H' **(Certificate of Warranty)**	37

Assistant Registrar
Dr. B. R Ambedkar NIT Jalandhar
Email: arpurchase@nitj.ac.in

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THIS DOCUMENT IS FOR REFERENCE ONLY. ONLY E-TENDERS WILL BE ACCEPTED

e-TENDER NOTICE – NITJ/PUR/183/18/e-Tender No. 18/2018

National Institute of Technology, Jalandhar invites e-tender for purchase of Various Equipments for Labs as per detail list available at Annexure – "A" along with Tender Fee, EMD & Processing Fees for the Equipments required for Various Departments of the Institute as per details given below:

I	Downloading & Submission of Online e-tender	Start Date: 02.01.2019 at 03:00 PM
		End Date: 28.01.2019 upto 05:00 PM
II	Physical submission of Tender Fee and EMD	End Date: 28.01.2019 upto 05:00 PM
III	**Opening of Technical e-Bid (online)**	**29.01.2019 on 11:00 AM**

Detailed Terms and Conditions are available in e-tender document. The bid document can be downloaded from the website of www.tenderwizard.com/NITJ.

Complete tender document is available for reference purposes on Institute website www.nitj.ac.in. Only e-tenders will be accepted. Bidders may contact Mr. Vijay Kumar on behalf of M/s ITI Limited on mobile No. 8146699878 or e-mail: vijay@etenderwizard.com and may also contact on Chandigarh Helplines: 0172-3934667, 9257209340, 8054628821, Delhi Helpline – 011-49424365.

Registrar

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Ref. No. NITJ/PUR/183/18/e-Tender No. 18/2018 **Date:**

Detail of Equipments, Tender Fee & EMDs is as under:

CAT.	Item/Equipment	Qty.	Tender Fee*	EMD*	Tender processing Fee (Including GST)
A	Jaw Crusher	01	Rs.500/-	Rs.28,000/-	Rs.1,652/-
B	Automatic Conveyor Belt Fusing Machine	01	Rs.500/-	Rs.15,000/-	Rs.885/-
C	Continuous Weighing Balance	01	Rs.500/-	Rs.13,000/-	Rs.885/-
D	Pneumatic Trainer Kit (PLC based with silent compressor, Simulator and sensors)	01	Rs.500/-	Rs.28,000/-	Rs.1,652/-
E	Software : ABAQUS, Research Edition ABAQUS Fresh License (Unlimited Nodes)	01	Rs.500/-	Rs.15,000/-	Rs.885/-
F	CNC Turning Centre	01	Rs.500/-	Rs.31,000/-	Rs.1,817/-

Note: The quantity of required equipment/items may vary as per requirement.

***Exemption of tender fee & EMD will only be given to MSME/NSIC registered bidders.**

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Important Note

1. All corrigenda, addenda, amendments and clarifications regarding this tender document will be uploaded on the website www.nitj.ac.in only and not in the newspaper; Bidders shall keep themselves updated with all such developments.

2. In case, the last date of receipt/opening of bids falls on holiday, the bids shall be receipt/opened on the next working day at same time.

3. In case, the last date of submission of EMD & Tender fee falls on holiday, the EMD & Tender fee shall be submitted on the next working day at same time.

4. Tenderer who have downloaded the tender document form from the institute website, shall submit a declaration along with tender document that I/We have downloaded the Tender Form from the institute website www.nitj.ac.in and I/we have not tempered /modified the tender form in any manner. In case, if the same is found to be tempered/modified in any manner, I/we understand that my/our tender will be summarily rejected and I/we are liable to be banned from doing business with institute.

5. **Tender fee of Rs.500/- (Non- refundable separate for each category) in the form of DD in favour of Director, D R B R Ambedkar NIT, Jalandhar.**

6. **EMD (refundable separate for each category) in the form of DD in favour of Security- A/c, DR B R Ambedkar NIT, Jalandhar.**

7. **Both EMD and Tender fee are be submitted as per dates mentioned in schedule, failing which e-bids will not considered. The Processing fees for each category shall be paid through online mode only to M/s ITI Limited, New Delhi.**

- **All the bidders are required to submit the Tender Fee and EMD as per requirement of tender document failing which bids received straightway rejected and bid will be treated invalid.**

- **Note: If the bidder inadvertenly or otherwise upload the quoted rates in the technical bid, the bid will be straightway rejected and treated invalid.**

- **If the bidder is exempted for payment of Tender Fee and EMD as NSIC/MSME registered bidders, then bidder is requried to submit NSIC/MSME exemption certificate for same. The Certificate must be valid as on last date of submission of bid.**

  Tenderer must submit a scanned copy (duly signed and stamped) regarding terms & conditions as per our tender documents along-with make/model, specifications, bill of quantity as per required equipment in the technical bid for examine the bid as per our institute tender documents. It is noted that no rate should be depicted in the letter head.

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Instructions to Tenderer

1. No tender will be accepted in physical form. The bidders shall have to submit their bids online in Electronic Format under Digital Signatures. For participation in the e-tendering process, the bidders need to register themselves on **www.tenderwizard.com/NITJ.** The registration and other charges are available on their website. On registration, they will be provided a user ID and a system generated password enabling them to submit their Bids online using Digital System Certificates (DSC).

2. Tenders without Digital Signatures will not be accepted by the electronic tendering system.

3. Bids will be opened online as per time given schedule.

4. **Before submission of online bids, bidders must ensure that scanned copies of all the necessary/relevant documents have been uploaded with the bid which should be duly signed and stamped. The duly signed and stamped copies of Terms & Conditions of the tender, reply of the Questionnaire of Plant & Machinery and other documents of the Tender & Annexures must be uploaded, failing which their bids may be rejected.**

5. NIT JALANDHAR, will not be responsible for any delay in online submission of bids due to any reason whatsoever.

6. **Bidders should also upload the scanned copies of Tender fees/EMD/Exemption Certificate as specified in the tender documents alongwith online technical documents. EMD in the form of a Demand Draft in favour of the Security – A/c, Dr B R Ambedkar NIT, payable at Jalandhar (refundable separate for each category) and Tender Fee in the form of a Demand Draft in favour of the Director, Dr B R Ambedkar NIT, payable at Jalandhar (Non- refundable separate for each category) should also be submitted in physical form to the following address as per scheduled time given for physical submission of EMD and Tender fee. Envelope should have full address and phone number of the tenderer.**

   Kind Attention- Purchase Section
   Submission of EMD and Tender Fee
   Due Date _____and Time_____
   Name of the Equipment_____ e-Tender No: _____ Category-____
   Director,
   Dr B R Ambedkar National Institute of Technology,
   G T Road Amritsar By Pass, Jalandhar-144001, Punjab (India).

7. The details of EMD specified in the tender document should be same as submitted online (scanned copies). Otherwise tender will be rejected summarily.

8. The conditional bids shall not be considered and will be out rightly rejected.

Read and Accepted

(Signature & Stamp of Tenderer)

9. The Financial Bid through e-tendering process shall be opened of only those bidders, who will qualify in the technical bid and approved by the Purchase Committee/Technical Experts. The date, time & place of opening of the financial bid(s) will be intimated in due course of time.

10. At any time prior to the deadline for submission of bid, the institute may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer(s), modify the tender document by issuance of an amendment.

11. The amendment will be uploaded on Institute website only. In order to provide reasonable time to prospective tenderer(s), for preparing their bid as per amendment, the institute may, at its discretion extend the deadline for the submission of tender.

12. **The supplier must upload the original manuals / catalogue of the Equipment /Item.**

13. The Institute is not liable to pay any interest on EMD. Earnest money deposit shall be forfeited, if the tenderer, withdraws its bid during the period of tender validity. The Earnest money deposit of the tenderer, whose tender has been accepted, will be returned on the submission of **performance security @ 5% of the total value of the offer. The performance security will be kept till the warranty period of the Equipment /Item. The warranty period will start from the date of satisfactory installation of the Equipment /Item duly given by the concerned department**. Earnest money deposit of the successful tenderer shall be forfeited, if it refuses or neglects to execute the contract or fails to furnish the required performance security within the time frame as specified by the institute. The EMD(s) of other Bidder(s) whose offer are found according to required specifications/ lowest will be released after finalization of Technical Bids/ Lowest Bid/Purchase.

14. The Format of Performance Bank Guarantee bond or Performance Bank Guarantee issued by the bank as per the format given in **Annexure "B" & "C".**

15. Delivery time is the essence of the contract and must be met with.

16. Nearest specifications/better specifications can be considered. In case of deviation, complete justification should be furnished with proper documents.

17. The Director may accept a tender in part or whole of the quantity offered, reject any tender without assigning any reasons and may not accept the lowest bidder. Further in case of any doubt/dispute, the decision of the Director of the Institute shall be final.

18. The offer shall be kept valid for minimum 120 days.

Read and Accepted.

(Signature & Stamp of Tenderer)

19. a) Either the Indian agent/ dealer on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

    b) If an agent/ dealer submits bid on behalf of the Principal/OEM, the same agent /dealer shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

    c) All offers other than those from the Principal/OEM should be supported by an authority letter from the manufacturer authorizing the dealer /supplier to tender on their behalf as per **Annexure-D**. In case of manufacturer, a certificate or a copy thereof to the effect that the bidder is a manufacturer of the Equipment /Item must be accompanied with the technical bid.

20. The supplier will be responsible till the entire stores contracted for, arrive in good condition at destination.

21. The tenderer should not have been debarred and/ or blacklisted by any Central Government/ or any State Government Department(s) . This must be supported by an affidavit as per format given in **Annexure-"E"**.

22. If any information furnished by the bidder is, at any stage found to be incorrect/false/fabricated, the Institute shall have the absolute right to forfeit the EMD, warranty/performance guarantees or/and security deposits, in addition to cancellation of contract, and in accordance with law, such other actions may be taken like black-listing of the bidder etc.

Read and Accepted.

(Signature & Stamp of Tenderer)

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TENDER EVALUATION

Institute will evaluate all the proposals to determine whether these are complete in all respects as specified in the tender document. Evaluation of the proposals shall be done in two stages as:

(a) Stage – I (Technical Evaluation):

(i) Institute shall evaluate the technical bid(s) to determine the following like the bid qualifies the essential eligibility criteria or not , the tenderer has submitted the EMD & Tender fee or not, any computational errors have been made or not, all the documents have been properly filled or otherwise, all the documents have been submitted/ uploaded with technical bid or not, the specifications, Make/Model, Catalogue of quoted Equipment /Item are as per requirement tender specifications or not, Authorization of Dealer / Distributor/ Exclusive Agent certificate from manufacturer is in order or not, Sales & service policy of equipment / item during warranty period and after warranty period will also be seen, location of their authorized service centre will also be seen for evaluation etc.

After evaluation of technical bid(s), a list of the qualifying tenderer (s)/ bidder s) shall be made. Short-listed tenderer(s) will be informed of the date, time and place of opening of financial bid(s) and they may attend or depute their authorized representative/s to attend the schedule of opening of financial bid(s) on the scheduled date and time, if they wish to do so. The representative(s) should have a letter of authority to attend the price bid(s) opening event.

Read and Accepted

(Signature & Stamp of Tenderer)

PART – II (e-FINANCIAL BID):

a) Bidders who are quoting the rates in Indian Rupees should offer the rates as per the format of tender as per **Annexure "F" (online only). Detailed bill of material/quantity is also to be provided alongwith the price breakup of each item as per requirement of the tendered specification of the equipment in the online price bid at www.tenderwizard.com/NITJ (Annexure "F") where separate sheet with adequate space has been provided.**

b) Bidders who are quoting the rates in foreign currency should offer the rates as per the format of tender as.per **Annexure "G" (online only). Detailed bill of material/quantity is to be provided alongwith the price breakup of each item as per requirement of the tendered specification of the equipment in the online price bid n at www.tenderwizard.com/NITJ (Annexure "G") where separate sheet with adequate space has been provided.**

In case, some of Items/accessories of required equipment is to be provided with indigenous make accessories/components, the same should be clearly mentioned with rates in the online price bid given at www.tenderwizard.com/NITJ **(Annexure "G")** where separate sheet with adequate space has been provided. If no rates have been mentioned for said accessories/components, the rates quoted should be treated inclusive of all accessories/ components.

❖ **Note: The quoted amount as filled in the Annexure(s) of online financial bid and detailed bill of material/quantity provided with price break up of each item in the online financial bid should be tallied and both must be same, otherwise bid will be treated invalid.**

c) Conversion to Single Currency: To facilitate evaluation and comparison, the Institute will convert all the bid prices expressed in the amounts in various currencies to the Indian Rupees as per the TT selling rates of RBI on the date of opening of technical bids.

d) Custom, GST or any other taxes, Education Cess and other charges must be mentioned in the price bid. The financial evaluation/comparison will be made after including all the above mentioned charges/taxes.

Read and Accepted.

(Signature & Stamp of Tenderer)

ARBITRATION:

In case of any dispute or difference arising out in connection with the tender conditions/job order/Contract, the Institute and the Seller/Service Provider will address the dispute/difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole Arbitrator to be appointed by the Institute.

The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jalandhar only. The decision of the Arbitrator shall be final and binding on both the parties.

JURISDICTION:

The courts at Jalandhar alone will have the jurisdiction to trial any matter, dispute or reference between parties arising out of this tender / contract. It is specifically agreed that no court outside and other than Jalandhar Court shall have jurisdiction in the matter.

Read and Accepted.

(Signature & Stamp of Tenderer)

(TERMS AND CONDITIONS (FOR THE SUPPLY OF GOODS, EQUIPMENT /ITEM)

1. Rate should be quoted F.O.R NIT Jalandhar.

2. Price list for spare parts/consumables parts required after warranty or otherwise may be provided on the separate sheet in the online financial bid as per **Annexure 'F & G** where adequate space is given for purpose (It is only for information purpose and is not part of the price bid).

3. a) For Foreign Import goods/ Equipment, the rates will be evaluated on DAP basis as per **Annexure-G** alongwith the item/equipment to be supplied in Indian rupees (If any). Therefore, rates should be quoted on DAP basis with separately mentioning of CIF or FOB charges. The complete description viz. make and model of the Equipment / item and name of the manufacturer must be clearly indicated. The equipment should be insured upto NIT, Jalandhar. Institute will provide all the documents regarding custom clearance.

   b) e-Bids found without quoted upto DAP NIT value shall be treated as invalid.

4. Where the Equipment /Item are composed of several sub units/components, the rate should be quoted for each subunit/component separately. NIT Jalandhar reserves the right to increase or decrease the number of sub units/components and number of Equipment /Item according to its requirements.

5. The institute being government educational institute is having Excise and Custom duty exemption in terms of government notification No. 51/96-customs Dt. 23-7-1996 and No. 10/97-central excise Dt. 1-3- 1997 as amended from time to time, therefore taxes be quoted accordingly and this must be depicted in Price Bid clearly.

6. a) The tenderer(s) who are quoting rates in foreign currency should quote Custom Duty for import (Foreign) goods against Custom Duty Exemption Certificate. The tenders claiming custom duty as extra should specifically give the present rate of Custom Duty as payable against each Equipment /Item. The custom duty so claimed will be reimburse on custom duty receipt basis.

   b) The tenderer(s) who are quoting rates in Indian Rupees, the rates should be quoted inclusive of custom Duty against Custom Duty Exemption Certificate (if any). No custom duty will be paid separately. Only custom duty certificate will be provided.

7. GST or any other chargeable duty where applicable must be specifically mentioned, failing which no tax or duty will be allowed at subsequent stage.

8. All items shall be indicated both in words as well as in figures. If there is difference between amount quoted in words and figures, amount quoted in words shall prevail.

Read and Accepted. **(Signature & Stamp of Tenderer)**

9. a) 90% payment will be allowed against physical delivery, inspection, installation and training of the Equipment/Item in the institute. Balance 10% payment will be released within 20 days from the installation, receipt of satisfactory working report of the Equipment /Item/ and receipt of Performance Bank Guarantee.

b) **For Import Equipment /Item:** 90% of the DAP value of the equipment will be released, through irrevocable Letter of Credit (LC)/ Wire Transfer/ foreign draft/ draft at sight document. Balance 10% of the DAP value will be released after inspection, installation, training and performance bank guarantee of the Equipment /Item in the institute. The payment charged by bidder on account of custom clearance, loading/unloading, transportation, insurance etc. as per price bid and delivery upto NIT, Jalandhar will be reimbursed against actual receipt basis in Indian rupees.

In case of payment through Letter of Credit, all the Bank charges within India will be borne by NIT Jalandhar and all bank charges outside India will be borne by the supplier.

10. **Warranty: Rates should be quoted with comprehensive warranty**. Besides this, policy regarding after sale service on the expiry of warranty period of Equipment /Item may be explained. The bidders should attach duly signed and stamped certificate of **warranty** as per **Annexure-H** with the technical bid.

11. **Training: In house training (where applicable) after the installation and commissioning of Equipment /Item shall be provided by the supplier.**

12. **Delivery:** Delivery date will be mentioned in the supply order. The time and date of delivery or dispatch stipulated in a supply order shall be deemed to be the essence of the supply order and if the supplier fails to deliver or dispatch any consignment within the period prescribed for such delivery, the delayed consignment will be accepted subject to penalty as laid down in the supply order, which will be recovered from the pending payments.

    1. No recovery of penalty will be made, if the delayed supplies are acceptable by extending the delivery period by the Director with our any LD charges.

    2. Director will allow extension on the request of the supplier by recording in writing that in exceptional circumstances the supply was beyond the control of the supplier and there was no loss to the institute.

    3. Penalty on account of delay, Director NIT, Jalandhar reserves the right to impose 0.5% (Half) per cent penalty per week on account of delay in supply, if delivery received after expiry of the original delivery period. The total penalty will not exceed 10% of the value of the delayed goods.

13. **Installation**: Supplier has to install the Equipment /Item/ within two to three weeks from the receipt of the Equipment /Item in NIT Jalandhar.

14. Spares and Accessories, wherever required should be quoted separately and clearly, even if these are not asked for.

Read and Accepted. **(Signature & Stamp of Tenderer)**

15. **Site Preparation**: The supplier shall inform NIT Jalandhar about the site preparation, if any, needed for the installation, immediately after receipt of the supply order. Supplier must provide complete details regarding space and all infrastructural requirements needed for the Equipment /Item which NIT Jalandhar should arrange before the arrival of Equipment /Item/to ensure its early installation and smooth operation thereafter. The supplier may offer his advice and render assistance to NIT Jalandhar in the preparation of the site and other pre installation requirements.

16. The total scope of work includes the supply, installation, satisfactory commissioning and testing of the Equipment /Item by the supplier, training at NIT Jalandhar, method development and validation for parameters as mentioned in specifications at **Annexure-A**. The supplier will complete installation & Commissioning of Machine within two to three weeks from the date of receipt of Equipment /Item/ of NITJ.

17. Details about the service center for the quoted Equipment /Item in India may be mentioned.

Read and Accepted.

(Signature & Stamp of Tenderer)

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SPECIAL CONDITIONS FOR SUBMITTING BID IN FOREIGN CURRENCY BY THE INDIAN AGENTS/DEALERS:

1. The Tenderer should submit the following documents/information while quoting:
   a) Foreign Principal's Performa invoice/quote indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.
   b) Copy of Agency agreement with the Foreign Principal and the Indian Agent, precise relationship between them and their mutual interest in the business.
   c) Agency Commission will be paid in only Indian Currency.
   d) Compliance of the tax laws by the Indian Agent.
2. The following information/documents are to be submitted wherever applicable.
   - Product Literature.
   - The earliest delivery period and country of origin of the Stores.
   - Banker's name, address, telephone/fax Nos. &e-Mail ID of the Contractor.
   - The approximate net and gross weight and dimensions of packages/cases.
   - Recommended spares for satisfactory operation for a minimum period of one year.
   - Details of any technical service, if required for erection, assembly, commissioning and demonstration.
3. The FOB/FCA and C & F prices quoted should be inclusive of all taxes, levies, duties arising in the tenderer's country.
4. Samples, if called for, should be sent free of cost.
5. The offer should be accompanied with with a certification that the quoted item/items has/have not been restricted or canalized under ITC (HS) classification of Import & Export items.
6. The authority of person signing the tender, if called for, shall be produced.
7. Instructions/ Operation Manual containing all assembly details including wiring diagrams should be sent wherever necessary in duplicate. All documents/ correspondence should be in English language only.
8. It is expressly agreed that the acceptance of the Stores Contracted for, is subject to final approval in writing by the Purchaser.
9. Part shipment is not allowed unless specifically allowed by the Institute.
10. Inspection/ Test Certificate (if required) should be provided.

Read and Accepted.

(Signature & Stamp of Tenderer)

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Acceptance

We_____ read and accept the instructions to the tenderer, terms & conditions and all other documents as mentioned in the tender and shall Comply with them strictly.

Name of Bidder _____

Signature

Address _____

Seal of firm:

_____

_____

Date:

Questionnaires A & B

QUESTIONNAIRE FOR PLANT & MACHINARY

Note: Please submit the reply in detail and also enclose the necessary documents with proof where required as per Questionnaire. These documents must be submitted in the technical bid document.

Please state that you have submitted your quotations as per procedure mentioned below:-

- Bids consisting of technical details bringing out clearly in a separate sheet ,the deviation in the specifications if any from that of tender enquiry specifications along with commercial terms and tender form.

1. Please attach list dully signed by you, for such spare parts and tools which are absolutely essential for proper maintenance and operation of machine for a period of two years giving full particulars of spare and tool with a price of each spare parts and tools separately.
2. Please confirm that you have adequate servicing and spare parts facilities in India in respect of Equipment /Item tendered by you or that you should arrange to provide such facilities simultaneously.
3. Please indicate that you guaranteed that before going out of production of spare parts, you will give adequate advance notice to the purchaser so that the institute may order his requirements of spares in one lot ,if he so desire.
4. Please indicate that you guaranteed that if you go out of production of spare parts, then you will make available prints, drawings of the spare parts and specifications of the material at no cost if and when required in connection with Equipment /Item to enable the purchaser to fabricate or procure spare parts from other sources.
5. Please confirm that you undertake to enter into a rate contact with the purchaser to supply spare parts on an agreed basis for an agreed period.
6. Status:-
   a) Indicate whether you are ISU or SSI
   b) Are you registered with Government e-Marketing (GeM) for the item quoted? If so indicate whether there is any monetary limit or registration.
   c) If you are a small scale unit registered with NSIC under single point registration scheme whether there is monetary limit.
7. a) If you are registered either with NSIC or with Government e-Marketing (GeM), please State whether you are registered with Directorate of industries of the state government concerned.

   b) If so, confirm whether you have attached a copy of the certificate, issued by Director of industries.
8. Please indicate:-
   Name & Full Address of your Banker
9. Please indicate whether you agree to submit advance samples if called upon to do so within the specified period of 21 days.

10. Business name and constitution of firm:-
    i)The Indian company Act.1956
    ii)Indian partnership Act.1932
    iii)Any act, if not, who are the owner/partners (please give full name and address)

11. Whether the tendering firm is / are:-
    i) Manufacturers authorized agents
    ii) Holders stock of the stores tendered for
    iii) **NBI manufacturer's agents please enclose with tender the copy of manufacturer's authorization.**

12. Please state whether the inspection clause is acceptable to you

13. Here state specifically:-
    i) Whether the price quoted by you is to the best of your knowledge and belief is not more than the price usually charged by you on stores of the same natures, class of description to any private purchase either foreign or as well as government purchaser. If not state the reason thereof if any also indicates the margin of Difference.

    ii) In respect of indigenous items for which there is a controlled price fixed by law, the price quoted shall not be higher than that the controlled price and rates available on DGS&D/ Government e-Marketing (GeM) contract. The reason thereof should be stated.

14. State whether business dealing with you has been banned by Ministry /Department of supply or any other Govt. Department.

15. Please confirm that you have read all the instruction carefully and have complied with accordingly.

(Signature of Tenderer)

(_____)
1. Full Name & Address of the person signing

(_____)
2. Whether signing as proprietor /partners

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PROFORMA FOR PERFORMANCE STATEMENT
(For the Period of last 3 years)

e-Tender Notice - NITJ/PUR/183/18/e-Tender No.18/2018

Sr.No.	Order (full placed address of purchaser)	Order No. & dated	Description and Qty. of Stores ordered	Value of Order	Date of Completion of delivery	Has the Equipment/Item been satisfactory commissioned

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Annexure-A

Category-A

Technical Specifications of Jaw Crusher

S.No.	Specifications
1.	**Vendor has to quote for the Jaw crusher**
2.	The Jaw crusher should be able to crush hard materials
3.	Gap width setting feature should be there in the Jaw crusher
4.	Final fineness of the material should be up to < 2mm
5.	Jaw crusher should be installed with zero point adjustment
6.	The minimum collector capacity for the Jaw crusher should be 4 litre
7.	The feature of over load protection should be installed in the Jaw crusher
8.	The Jaw crusher should be able to crush wide range of materials so that contamination free grinding should takes place
9.	Separate dust connector should be installed in the crusher for dust extraction
10.	The feature of brake motor with safety should be installed in the Jaw crusher for the better performance
11.	The Jaw crusher should be suitable for integration in automatic installations
12.	Heavy duty manganese steel, stainless should be used in the grinding tools
13.	The instrument must meet the CE /international safety standards

Dr. Kanish Kapoor
Assistant Professor

Dr. S P Singh
Professor

Countersigned

Dr. S.P. Singh,Professor
Department of Civil Engneering
For any clarification e-mail to : spsingh@nitj.ac.in
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Category-B

Subject: Specifications of "Fusing Machine" for Garment Manufacturing Lab

The detailed technical specifications of required machine are as follows:

Specifications	Range
Maximum Temp.	195° C
Maximum Pressure	6.04 Kgf/cm
Controls	LED display, simple operation
Heating Time	6 – 28 sec
Working Width	600 mm
Max Belt Speed	10.2 m/min
Heater	8.4 KW
Applications	Bonding fusing with fabric layers, fusing two layers of fabric, cuff, collars, plackets, jackets, skirts, denim etc

Dr Vinay Midha
Lab Incharge, GMT Lab

Dr.Vinay Midha, Professor
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Category-C

Specifications of Continuous Weighing Balance

Item	Specifications
Type of Balance	Semi micro dual
Least Count	0.01/0.1 mg
Fully Automatic	yes
Maximum Weighing Capacity	220 g
Auto recording of Data in Computer	yes
Auto recording of weight in computer with respect to time at a fixed time interval for a period of 12hrs	yes
Time interval selection for Dynamic Weighing , 5 sec, 10 sec, 15 sec etc	Yes
Data Cable for Transfer the Data from Balance to PC	Yes
All in one Desktop PC for storing of time dependent data	**Processor**: intel core i7 processor or better, **Harddisk** : 1TB or better, **RAM**: 8GB or better, **optical DVD Recordable,** **wireless wifi,** **operating system**: window 7 or above or caompatible with weighing Balance, **cordless mouse and keyboard** **Display**: 21 inches
Sample Data format	Time, s / Sample weight, g: 0 / 5.53456; 10 / 5.53446; 20 / 5.53436; 30 / 5.53426; 40 / 5.53416; 50 / 5.53406; 60 / 5.53396; 70 / 5.53386; 80 / 5.53376 **OR** Time Interval, s / Sample weight, g: 0 / 5.53456; 10 / 5.53446; 10 / 5.53436; 10 / 5.53426; 10 / 5.53416; 10 / 5.53406; 10 / 5.53396; 10 / 5.53386

22-10-18

Dr. Raj Kumar Arya, Associate Professor
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Category-D

Department of ICE

Robotics Lab.

Technical Specification of Pneumatic Training kit (PLC Based with silent compressor, simulator and sensors)

Sr.No	Technical Specification
01	**Pneumatic Training Kit (PLC Based with silent compressor, simulator and sensors) : Quantity 1 No** The Pneumatic Training Kit must be pneumatic based standalone training kit which should cover pure pneumatic systems, Electro pneumatic systems, PLC technology, Operating and Controlling hard-wares by using software. The kit should have items for PC-supported acquisition, representation and documentation of analogue measured values in pneumatic components and systems. The kit should facilitate learning and demonstration of following topics/practicals: • Design and function of Pneumatic & Electro Pneumatic components such as actuators, Pneumatic and solenoid control valves, limit switches, proximity sensors, relays, signal elements etc., for industrial automation and Robotics applications • Stroke, Time, count, pressure and Sequence dependent controls for industrial applications • Explaining and building latching circuits for automatic control • Application and adaptation of sensors for manufacturing process • Logic operations: explaining and implementing AND/OR/NOT operations using pneumatic & Electrical control technology. • Combining logic operations • Analytical fault finding in automatic PLC controlled system • Recognizing pneumatic and electro pneumatic components and symbols. • Trouble shooting pneumatic & electro-pneumatic systems for industrial automation applications • Study on components of a PLC and interfacing with other systems • Benefits of the PLC compared to conventional solutions such as electrical, electro pneumatic solutions • Application criteria for mechanical, optical, capacitive and inductive proximity sensors • Sequence control and parallel logic for industrial automation and robotics • Systematic programming of a PLC in accordance with international standard IEC 1131-3

Special Condition:

- Each pneumatic component should have Quick-Fix arrangement for easy, quick & safe mounting.
- All the components should be included as simulation models in the component library of Pneumatic simulation software
- All exercises given in the work books should be readily available as simulation condition in Pneumatic simulation software.
- The components should be fixed manually on the profile plate without tools.
- Each pneumatic component should have pneumatic connectors with size of 1/8"/5mm port size for 4 mm tubing
- Each electro pneumatic components should have 4 mm safety sockets.
- The kit should be modular and upgradable so that future investments to higher levels of training are reduced.

The kit should be consisting of the following items:

- 2x Double acting cylinder with 20 mm piston diameter and 100 mm stroke length
- 1x Single acting cylinder with 20 mm piston diameter and 50 mm stroke length
- 3x 3/2-way valve with push button actuation, single side actuation return spring, normally closed and poppet valve design.
- 1x 3/2-way valve with push button actuation, single side actuation return spring, normally opened and poppet valve design.
- 1x 3/2-way valve with roller lever actuation, idle return, single side actuation return spring, normally closed and poppet valve design
- 3x 3/2-way with roller lever actuation, single side actuation return spring, normally closed and poppet valve design
- 1x 3/2-way solenoid valve manual override, and LED
- 1x 5/2-way pneumatic valve with single side actuation, return spring and Poppet seat design
- 3x 5/2-way pneumatic actuated valve with double side actuation, Poppet set design
- 1x 5/2-way valve with selector switch actuation, single side actuation return spring and poppet valve design
- 1x 5/2-way single solenoid valve with return spring, piston spool design, non-detenting and detenting manual override, and LED
- 1x 5/2-way double solenoid valve, piston spool design, non-detenting and detenting manual override, and LED
- 2x Pressure Gauge with display range 0-16 bar
- 1x Quick Exhaust Valve
- 1x Shuttle valve (OR)
- 1x Dual pressure valve (AND)
- 1x Time delay valve N.C.
- 2x One-way flow control valve
- 1x Pressure sequence valve with adjustable pressure shift point, mounted on a 3/2-way valve, in off-position closed, with

return spring

- 1x Filter regulator with pressure gauge and On/Off valve
- 1x Pressure control valve with manometer
- 1x Manifold with 6 self-closing non-return valves
- 1x Plastic tubing, 4 mm blue color, 20 M
- 1x Plastic tubing, 8 mm blue color, 5 M
- 10x T-Connector, 4 mm
- 2x Connector set (as spare)
- 1x Aluminium profile plate with both sides grooves for secure and flexible positioning so that the components can be clamped firmly, quickly & safely through quick fix adapters.
- 1x Trolley type table with one drawer unit. The workbench should be single sided, mobile, ergonomic and suitable for pneumatics kits.
- 1x Noise less compressor, 8 bar output, 50 l/m, 24 l reservoir capacity
- 1x Desktop personal computer with keyboard & mouse, it should be compatible for all softwares included in this supply
- 1x Relay unit with three relays, 4 changeover switches
- 1x Signalling unit with an illuminated pressure switch, three illuminated push button, each with a mini bulb.
- 2x Proximity sensor with light emitting diode and integrated protective circuit, reed contact, 4 mm plug
- 1x Proximity sensor, inductive type, Sensing distance of 0 – 4 mm
- 1x Proximity sensor, capacitive type, Sensing distance of 0 – 4 mm
- 1x Proximity sensor, optical type, Sensing distance of 70 – 300 mm
- 1x PLC
  - CPU S7-1512SP
  - Main memory: 300 KB for program and 1 MB for data
  - Interface: PROFINET IRT with 3-port switch
  - Memory card
  - 16 digital inputs
  - 8 digital outputs
  - 24 V power supply via 4 mm safety sockets
  - 16x toggle switch/pushbutton for digital input
  - 16x 4 mm safety sockets for digital input
  - 8x 4 mm safety sockets for digital output
  - Ethernet cable, CAT 6
  - PLC should be suitable for mounting frame and also table top stand-alone

		• 2x Mounting kit for sensor with screw • 1x PE convertor, it should be operated as three functions like pressure switch, vacuum switch and differential pressure switch. • 2x Electrical limit switch (1 left act. + 1 right act.) with micro switch, roller operated. It should be used as a N/O contact, N/C contact or a changeover switch • 1x 24 V DC Power supply unit, input voltage is 85 – 265 V AC, Output voltage is 24 V DC via 4 mm safety sockets • 1x Digital simulation box to display the input and outputs signals of Interface unit or PLC and for Setting of outputs (with separate 24 V supply) in order to operate virtual models. • 1x Connecting cable for simulation box with 24 pin connector at both side • 1x Input/output box for digital signals with 4 mm safety plugs and 24-pin system connector • 1x Communication cable to connect interface unit and input/output box for digital signals. • 1x Interface unit with two 24-pin system connector and one 15-pin connector, One USB port to connect with PC, Large LCD display. It should have interface of sixteen input, sixteen output, four analogue input and two analogue outputs. The unit is an interface unit for measuring, open-loop control, closed-loop control and it connects the simulation to the real world. By using the interface unit it should be able to interface the electro pneumatic training kit with simulation software. • Connection cables should be in red and blue colours, each with 4 mm safety plugs and different lengths • Manuals for Pneumatic, Electro pneumatic & PLC related: - Technical books, Practical books with exercises & solutions. • 1X PC Dell make of equivalent with minimum Core i3 (6th Gen)/4 GB DDR3/1 TB/Ubuntu) (Black, 19.5 Inch Screen) and other accessories like original software, keyboard mouse wireless etc. 01
	02	**Software Packages:** **1.Pneumatic simulation software: - 1 user.** The simulation tool pneumatics should include a circuit creation tool, a high-performance simulation tool and a comprehensive e-learning tutorial. This software package should be provide keeping in mind that this should be a handy tool for the trainers in Educational Training Institutes & corporate training centres to go hand in hand with the latest in the industry. With this software, • The software should be possible to simulate ccircuits of pneumatics, electro pneumatics, servo pneumatics, vacuum technology, sensor technology, safety and digital technologies.

- Functional features of products & components can be understood
- The virtual cut sectional animation lets the students to know the internal details of the product & to understand the functions simultaneously
- Trainers can explain about the products and can educate the students at a very short period, so as to have ample time on using trainer kits to gain more practical knowledge
- Even a non-technical person can easily understand the concepts of pneumatic products
- By using the software, controlling of Electro pneumatic components should be possible through interfacing unit.

2. PLC Programming software – 1 user:

- Software and documentation on DVD
- License key on USB stick
- Programming languages: AWL, FUP, KOP, SCL, STEP 7-GRAPH
- Only runs at 64 bits:
  Windows 7 (64-bit) Professional/Enterprise/Ultimate SP1,
  Windows 10 (64-bit) Professional/Enterprise 1703

3. Software for Virtual Learning Environments: - 1 user

The software should be industrially tested, extremely powerful platform for 3D simulation models for automation technology. The software must have different mechatronics modules, Process control modules, Mobile robot, Robotic module virtually. The software should control and simulate more than 100 type of simple to complex models like mechatronics, robotics, process etc., (virtually).

The software should cover main areas in:

- Robot programming
- PLC programming
- Troubleshooting
- Production planning and production control

It should combine the following functions in one common interface.

- 3D real-time simulation

- System and production line design based on model libraries
- The program offers an integrated training program and a variety of different robot models.
- All the required basics for automation with robots should be possible by in built applications.
- Numerous graphics and animations to explain technical terms and facts, videos on a large number of industrial applications involving robots.
- Sample programs for every model, technical documentation including instructions on processing.
- Communication via OPC client/server
- Simulation of the mobile robot platform
- Virtual human with 30 independent degrees of freedom
- The complex model library contains 3D process models of selected mechatronic stations, various belt and warehouse systems.
- The virtual models can be controlled by the integrated virtual PLC via the interface unit or by an external hardware PLC.
- In manual mode, individual step movements should be made.

4. Software for Virtual process simulator models: - 1 user

The graphical 2D process simulator with numerous attractive examples on PLC training, a wide variety of practical process models can be controlled with any PLC.

The following topics should be included:

- Multi-level parking garages
- Sluice gates
- Sorting systems
- Hot water tanks
- Washing machines
- 7-segment display
- Alarm systems
- Level crossings
- Elevators
- Garage doors
- Wind generators and much more

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Category-E

Specification of ABAQUS

ABAQUS Software – RESEARCH Edition Fresh Licence (Unlimited Nodes)

Requirement for installation of ABAQUS

Window 32-64 bit

General Requirements		
Product/Feature	**Requirement**	**Specification**
Applicable for all Abaqus products supported on this platform	**Processor**	x86-64
Applicable for all Abaqus products supported on this platform	**OS Level**	• Windows XP • Windows Server 2003 • Windows Server 2008 • Windows Server 2008 R2 • Windows HPC Server 2008 • Windows Vista • Windows 7

Requirements to View Online Documentation		
Product/Feature	**Requirement**	**Specification**
Abaqus HTML documentation	Internet Browser	• Firefox 2.0, 3.0 • Firefox 3.5 • Internet Explorer 6, 7, 8
Abaqus PDF documentation	PDF Viewer	Adobe Reader 8.0, 9.0

Dr. K. Senthil
(Indentor)

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Category-F

TECHNICAL SPECIFICATION OF CNC TURNING CENTRE

CNC 2 Axis Slant Bed Lathe Turning center with 8 Station Programmable Turret.

CNC Turning Centre Lathe with Industrial control, Electrical Control Box, Central Automatic Lubrication System, LM Guides for X & Z Axes, 8 Station Programmable Turret, Flood Coolant System of Capacity 80 Liter, 135mm - 3 Jaw Chuck

- Turning Centre two axis productions with 8 station programmable turret.
- The machine built on cast base and bed and offered with Fanuc, Sinumerik, Heidenhain (any one type)
- Dynamically calibrated cartridge, spindle Hydraulic Chuck and Tailstock with integrated base.

CAPACITY

Chuck size (Manual/ Hydraulic)	mm	135
Chuck Type		Hydraulic
Maximum turning Diameter	mm	110
Maximum turning Length	mm	200
Bed	type	45 deg Slant bed
No. of axes	no	2
Swing over waycovers / carriage	mm	286
Swing over cross slide	mm	100
Distance between live centers	mm	250
ACCURACY		
Positioning Accuracy	mm	0.01
Repeatability	mm	±0.005

SPINDLE

Spindle nose taper			A2-4
Bore through spindle	mm		40
Programmable spindle speed	rpm		150 – 4000
Spindle motor S1 (15Min Rating in Parenthesis)	kW		3.7 (5.5)

CNC detail			
Control system			Fanuc Oi TF
Turret			
Tool cross section			16 x 16
No. of Station		no	8
Indexing Time for 45Deg / 180Deg		Sec	0.35 / 1.2
Shank Diameter for Boring Bars		mm	25
Axes			
X- axis travel		mm	110
Z - axis Travel		mm	230
Ball Screw X / Z			C3 Class
Programmable feed rate		mm/min	0-10000
Rapid motion Speed & feed rate X/Z		mm/min	10000
Axis motor X / Z Torque		Nm	3.5
Slides		mm	Linear Motion Guide ways
Coolant/Lubrication			
Capacity		L	80
Coolant motor		kW	0.1
Lubrication		-	Automatic
Power source			
Main supply (±10 %)			415V, 3 Ph., 50 Hz
Stabilizer			3 phase servo type
Machine dimensions			
L x W x H		mm	1700x 1650 x 1900
Weight (approx)		Kgs	1400
Features			
Compatibility / Upgradable			FMS / CIM system

For CNC MACHINE :

Servo Stabilizer 15 KVA,3 Phase – 1 no.

ACCESSORIES

- **Tooling Set**
  - (i) Turning Tool = No.01
  - (ii) Facing Tool = No.01
  - (iii) Threading Tool = No.01
  - (iv) Parting Tool = No.01
- Precision Three Jaw Chuck = No. 01
- Drill Chuck with Taper Sleeves = No. 01
- Boring Head with accessories = No.01

 # Three Years Annual Maintenance Contract (AMC)

27/8/18

Dr. Vishal Sharma
Faculty In- Charge, Central Workshop
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Annexure: 'B'

FORMAT FOR PERFORMANCE BOND/GUARANTEE

(Undertaking from the supplier on a Non Judicial Stamp Paper of requisite duly attested by Notary)

In consideration for "The Registrar, National Institute of Technology Jalandhar *(hereinafter called NIT Jalandhar)*having agreed to release the payment of net value as per terms and conditions of a concluded Order No._____ dated _____ ***(hereinafter called 'the order')*** for supply of_____ *(here in after* ***called 'the Equipment /****Item)*to us Messrs _____

(hereinafter ***called 'the supplier')*** on submission of a Performance Bond to the satisfaction of NIT Jalandhar for the due performance of the said order

We, Messers _____ hereby submit the FDR/TDR No _____

issued by _____ (Name of Bank) for _____ pledged in favour of Registrar, NIT Jalandhar as performance guarantee amount and hereby irrevocably, unconditionally and absolutely undertake against any loss or damage caused or suffered by NIT Jalandhar by reason of any failure of the supplier to perform or omission or negligence to perform any part of its obligations to the satisfaction of NIT Jalandhar in terms of the order.

We, the supplier, do hereby authorize Registrar, NIT Jalandhar to forfeit this Performance Guarantee amount / undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from the NIT Jalandhar stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the NIT Jalandhar by reason of any breach by us of any of the terms and conditions contained in the said order or by reason of our failure or omission or negligence to perform the said order or any part thereof. We, the Supplier, undertake to pay to NIT Jalandhar any amount so demanded by NIT Jalandhar, notwithstanding:

a) Any dispute or difference between NIT Jalandhar and supplier or any other person or between the supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating thereto; or

b) The invalidity, irregularity or unenforceability of the order; or

c) Any other circumstances which might otherwise constitute discharge of this guarantee, including any act of omission or commission on the part of NIT Jalandhar to enforce the obligations by the supplier or any other person for any reason whatsoever.

We, the Supplier, further agree that the performance Bond/ Guarantee herein contained shall be continued one and remain in full force and effect during the period that would be taken for the performance of the said order and that it shall continue to be enforceable till all the dues of the NIT Jalandhar under or by virtue of the said order have been fully paid and its claims satisfied or discharged or till the office of the Registrar, NIT Jalandhar certifies that terms and conditions of the said order have been fully and promptly carried out by us and accordingly discharges this Performance Bond/ Guarantee.

We, the Supplier, further agree with NIT Jalandhar, that NIT Jalandhar shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said order or to extend time of performance by the said supplier from time to time or to postpone for any time or from time to time and of the powers exercisable by the NIT Jalandhar against the said supplier and forbear or enforce any of the terms and conditions relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to us or for any forbearance, act or omission on the part of NIT Jalandhar or any indulgence by NIT Jalandhar to us or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This Performance Bond/Guarantee will not be discharged due to the change in the constitution of the supplier. We, the Supplier, undertake not to revoke this Performance Bond / Guarantee except with the prior consent of NIT Jalandhar in writing.

The disputes relating to this Bank Performance Bond / Guarantee shall be resolved as per the terms and conditions of the order.

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EPABX-0181-2690301 & 453 website: www.nitj.ac.in email: registrar@nitj.ac.in

Annexure-C

FORMAT FOR PERFORMANCE BOND (BANK GUARANTEE)

In consideration for the Registrar, National Institute of Technology Jalandhar, *(hereinafter called NIT Jalandhar)* having agreed to release the payment of net value as per terms and conditions of a concluded Order No. _____ dated _____ ***(hereinafter called 'the order')*** for supply of_____*(hereinafter called* ***'the Equipment /****Item)* to Messrs_____***(hereinafter called 'the supplier')*** on submission of a Bank Guarantee to the satisfaction of NIT Jalandhar for the due performance of the said order.

We, _____ ***(hereinafter called 'the Bank')*** at the request of the supplier do, as a primary obliger and not merely as surety, hereby irrevocably, unconditionally and absolutely undertake against any loss or damage caused or suffered by NIT Jalandhar by reason of any failure of the supplier to perform or omission or negligence to perform any part of its obligations to the satisfaction of NIT Jalandhar in terms of the order.

We, the Bank do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from NIT Jalandhar stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by NIT Jalandhar by reason of any breach by the said supplier of any of the terms and conditions contained in a said order or any part thereof. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this guarantee, which shall not be considered as satisfied by any intermediate payment or satisfaction of any part of or obligation hereunder. However, our liability under this guarantee shall be restricted to an amount not exceeding _____.

We, the Bank, undertake to pay to NIT Jalandhar any amount so demanded by NIT Jalandhar, notwithstanding a). Any dispute and difference between NIT Jalandhar and supplier or any other person or between the supplier or any person or any suit or proceeding pending before any court or tribunal or arbitrator relating
thereto or

a). The invalidity, irregularity or unenforceability of the order or

b). Any other circumstances which might otherwise constitute discharge of this guarantee, including any act of omission or commission on the part of NIT Jalandhar to enforce the obligations by the supplier or any other person for any reason whatsoever.

We, the Bank, further agree that the guarantee herein contained shall continue and remain in full force and effect during the period that would be taken for the performance of the said order and that it shall continue to be enforceable till all the dues of NIT Jalandhar under or by virtue of the said order have been fully paid and its claims satisfied or discharged or till the office of the Registrar, NIT Jalandhar confirms that the terms and conditions of the said order have been fully and promptly carried out by the said supplier and accordingly discharge this guarantee.

We, the Bank, hereby agree and undertake that any claim which the bank may have against the supplier shall be subject to and subordinate to the prior payment and performance in full of all the obligations of the bank hereunder and the bank will not, without prior written consent of NIT Jalandhar , exercise any legal rights or remedies of any kind in respect of any such payment or performance so long as the obligations of the bank hereunder remain owning and outstanding, regardless of the insolvency, liquidation or bankruptcy of the supplier or otherwise. We, the Bank, will not counter claim or set off against its liabilities to NIT Jalandhar hereunder any sum outstanding to the credit of NIT Jalandhar with it.

We, the Bank, further agree with NIT Jalandhar , that NIT Jalandhar shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said order or to extend time of performance by the said supplier from time to time or to postpone for any time or from time to time and of the powers exercisable by the NIT Jalandhar against the said supplier and forbear or enforce any of the terms and conditions relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier or for any forbearance, act or omission on the part of NIT Jalandhar or any indulgence by NIT Jalandhar to the said supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

This guarantee will not be discharged due to the change in constitution of the Bank or the supplier.

We, the Bank, lastly undertake not to revoke this Guarantee during its currency except with the prior consent of NIT Jalandhar in writing.

The disputes relating to this Bank Guarantee shall be resolved as per the terms and conditions of the order.

Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
G T Road By Pass, Jalandhar-144011, Punjab (India)
EPABX-0181-2690301 & 453 website: www.nitj.ac.in email: registrar@nitj.ac.in

Annexure-D

FORMAT FOR MANUFACTURER'S AUTHORIZATION FORM

To,
The Registrar
Dr B. R Ambedkar National Institute of Technology
Jalandhar

Sub. : e-Tender for "_____".

Dear Sir,

We,_____, who are established and reputed manufacturers of _____, having factory/office at_____, hereby authorize M/s _____ [*name* & address of agents/distributors] to bid, negotiate and conclude the order with you for the above goods manufactured by us.

We shall remain responsible for the tender/Agreement negotiated by M/s

_____, jointly and severely. No company or firm or individual other than M/s _____ are authorized to bid, negotiate and conclude the order in regard to this business against this specific tender as for all business in the entire territory of India.

We hereby extend our full guarantee and warranty as per the terms and conditions of tender for the goods offered for supply against this invitation for bid by the above supplier.

1. _____

2. _____

***specify in detail manufacturer's respon**sibilities* the services to be rendered by M/s_____are as under:

i) _____

ii) _____

[Specify the services to be rendered by the agent/distributor] In case duties of the agent/distributor are changed or agent/ distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent/ distributor.

Yours faithfully,
[Name & Signature] For and on behalf of M/s. _____ [N*ame of manufacturer*]

Note: This letter of authorization should be on the letter head of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

Annexure – E

DECLARATION REGARDING BLACKLISTING / DEBARRING FOR TAKING PART IN TENDER

Self Attested

I / We _____ (Tenderer) hereby declare that the firm / agency namely M/s._____ has not been blacklisted or debarred in the past by Union / State Government or organization from taking part in Government tenders in India.

Or

I / We _____ (Tenderer) hereby declare that the Firm / agency namely M/s._____was blacklisted or debarred by Union / State Government or any Organization from taking part in Government tenders for a period of

_____ years w.e.f._____ to _____. The period is over on_____and now the firm/company is entitled to take part in Government tenders.

In case the above information found false I / we are fully aware that the tender/ contract will be rejected / cancelled by Director, NIT Jalandhar, and EMD / SD shall be forfeited.

DEPONENT

Attested:

(Stamp of Company with authorized sign)

Name_____

Address _____

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G T Road By Pass, Jalandhar-144011, Punjab (India)
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Annexure-F

e-Tender Notice - NITJ/PUR/183/18/e-Tender No.18/2018 **Date of Opening:**

The Director
Dr B R Ambedkar National Institute of Technology Jalandhar

I/We …… hereby certify that I/We are established firm of manufactures/authorized agents of M/s**……..with factories at …… which are fitte**d with modern Equipment/Item are open to inspection by the representative of the institute. We hereby agree to supply the following items at the price and within the period of delivery indicated below:-

CAT	Description	Specifications for	Rate per unit	GST	Price FOR NITJ	Delivery period	Guarantee / Warranty

1. Please delete whichever is not applicable.
2. It is hereby certified that we have understood the instructions to tenderer and also terms and conditions attached to the tender.
3. This is certified that the rates quoted above are not more than the rates charged from any other Institution/Department/Organization. Further if above quoted item is available on Government e-Marketing (GeM) then the rates charged in this tender are not more than rates available on Government e-Marketing (GeM).
4. We hold this offer valid for acceptance for a period of 120 days.
5. **Earnest money for an amount of equal to ……. is enclosed.**

Date ……

Place ……

Signature & Seal of the Manufacturer/Tenderer

Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY
G T Road By Pass, Jalandhar-144011, Punjab (India)
EPABX-0181-2690301 & 453 website: www.nitj.ac.in email: registrar@nitj.ac.in

Annexure-G

e-Tender Notice - NITJ/PUR/183/18/e-Tender No.18/2018 **Date of Opening:**

(To be submitted online only)

Name of the Equipment /Item:_____

Name of the Manufacturer : _____

Make of the Equipment /Item: _____

Model Number : _____

County of Origin : _____

Sr. No.	Description	Currency/Unit
	Cost of the Equipment /Item **(*FOB value**)	
2.	Estimated Packing Forwarding etc.	
3.	Air freight/shipping charges, Insurance charges etc.	
4.	Total CIF value (up to ---------- Airport)	
5.	Custom Duty , if any (mention) @ ---------- (To be paid by Institute if applicable, against custom duty exemption certificate)	
6.	(Custom Clearance Charges, Loading, transportation, insurance & unloading) up to NIT, Jalandhar (In Rs.) mentioned otherwise treated invalid	
7.	Total cost Delivery at Place (DAP) NIT, Jalandhar	

This is certified that the rates quoted above are not more than the rates charged from any other Institution/Department/Organization.

It is hereby certified that we have understood the instructions to tenderer and also terms and conditions attached to the tender.

Note:

- **Taxes and other levies, if any are to be clearly specified in the bid.**

Signature & Seal of the Manufacturer/Tenderer

Annexure: 'H'

CERTIFICATE OF WARRANTY

i).I/We certify that the warranty shall be for a period of _____ years for _____and starting from the date of satisfactory installation, commissioning and handing over of the Equipment /Item and of the works conducted therewith covered under the supply order in working order. During the **warranty period, I/we shall provide free "after sale service" and the replacement of any part(s) of the** Equipment /Item or rectification of defects of work of the Equipment /Item will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above warranty shall begin only from the date of satisfactory and faultless functioning of the Equipment /Itemfor 60 days at NIT Jalandhar premises. The benefit of change in dates of the warranty period shall be in the interest of the use/your organization.

ii). During the warranty period, we shall provide at least_____ **preventive maintenance visits**.

iii).Uptime Guarantee: During the warranty period, we will be responsible to maintain the Equipment /Item in good working conditions for a period 350 days (i.e. 95% uptime) in a block of 365 days.

a). All complaints will be attended by us within 2 working days of receipt of the complaint in our office.

b). In case there is delay of more than 2 days in attending to a complaint from our side then you can count the number of days in excess of the permissible response time in the downtime. The above said response time of 2 days for attending to a complaint by us will not be counted in the downtime.

c). **Penalty**: We shall pay a penalty equivalent to **0.5 % of the FOB/CIF** value of the Equipment /Item for every week or part thereof delay in rectifying the defect.

Note: The right to accept the reason (s) for delay and consider reduction or wave off the penalty for the same shall be at the sole discretion of Director, NIT Jalandhar

iv). We certify that the Equipment /Item being/ quoted is the latest model and that spares for the Equipment /Item will be available for a period of at least _____ years and we also guarantee that we will keep the organization informed of any update of the Equipment /Item over a period of ___ years.

v). We guarantee that in case we fail to carry out the maintenance within the stipulated period, NIT Jalandhar reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. All the expenses including excess payment for repairs/maintenance shall be adjusted against the Performance Bank Guarantee. In case the expenses exceed the amount of Performance Bank Guarantee, the same shall be recoverable from us with/without interest in accordance with the circumstances.

vi).We shall try to repair the Equipment /Item at NIT Jalandhar premises itself. However, the Equipment /Item will be taken to our site on our own expenses in case it is not possible to repair the same at NIT Jalandhar. We shall take the entire responsibility for the safe custody and transportation of the Equipment /Item taken out for repairs till the Equipment /Item is rehabilitated to the NIT Jalandhar after repair Any loss of Equipment /Item or its accessories under its charge on account of theft, fire or any other reasons shall be at our sole risk and responsibility which will be compensated to NIT Jalandhar for such losses at the FOB/CIF value for the damaged/lost Equipment /Item part, including accessories.

vii. We undertake to perform calibration after every major repair/breakdown/taking the Equipment /Item for repair out of NIT Jalandhar premises.

viii. In case of extended warrantee, we undertake to carry out annual calibration of the Equipment /Item.

ix. We guarantee that we will supply spare parts if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

x. We guarantee to the effect that before going out of production of spare parts, we will give adequate advance notice to you so that you may undertake to procure the balance of the life time requirements of spare parts.

xi. We guarantee the entire unit against defects of manufacture, workmanship and poor quality of components.

Signature & Seal of the Manufacturer/Tenderer