

**PEC University of Technology, Chandigarh  
Sector 12, Chandigarh 160012**



**E-tender document for purchase of**

**COMPUTERIZED UNIVERSAL TESTING MACHINE**

**in**

**MATERIALS & METALLURGICAL ENGINEERING  
DEPARTMENT**

**PEC UNIVERSITY OF TECHNOLOGY, CHANDIGARH**

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## SECTION I: INVITATION FOR E-TENDER

### FOR THE PURCHASE OF COMPUTERIZED UNIVERSAL TESTING MACHINE

1. The PEC University of Technology, Chandigarh invites e-bids from eligible bidders for supply of each equipment in **separate bids** as per Table-1
2. Interested eligible bidders may obtain further information from Prof. & Head, Dept. of Materials & Metallurgical Engg., PEC University of Technology, Sector 12, Chandigarh 160012, India.
3. The bidding document is downloadable from institute website <http://www.pec.ac.in>.
4. EMD as specified in the bid document must be delivered to the office address mentioned below by the date and time indicated in Table 2.
5. Bids will be opened in the presence of Bidders' representatives who choose to attend on the specified date and time.

**TABLE 1: List of Equipment's, EMD and Performance Security Deposit.**

S. No.	Name of the Equipment	EMD	Performance Security Deposit
1	Computerized Universal Testing Machine	Rs. 90,000/-	@ 5% of the total value of the contract

**TABLE-2  
Time Schedule**

I	Date of publication	25/10/2017
I	Downloading of e-tender document	Start date: 25/10/2017 End date: 17/11/2017 04:00 PM
III	Date of submission of e-tender	Start date:25/10/2017 End date: 17/11/2017 04:00 PM
IV	Physical submission of EMD and affidavit regarding non black listing of bidder	Start date:25/10/2017 End date: 17/11/2017 04:00 PM
V	Opening of Technical Bid (online) and meeting for scrutiny of technical bid and declaring eligible bidders.	Date: 20/11/2017 02:00 PM
VI	Opening of Financial Bid of only eligible technically qualified bidder as determined by the Committee.	To be informed after checking eligibility of Bidders
VII	Place of opening of bids	Seminar Room Dept. of Materials & Metallurgical Engg. PEC University of Technology, Sector 12, Chandigarh 160012
VIII	Address and contact details for communication	Prof. & Head, Dept. of Materials & Metallurgical Engg., PEC University of Technology, Sector 12, Chandigarh 160012 E-mail: <a href="mailto:umabatra2@gmail.com">umabatra2@gmail.com</a> Phone No. (O): 0172-2753951

**Important Notes:**

I.	Bidders shall have to submit their bids on-line in Electronic Format with Digital Signatures.
II.	All terms and conditions, instructions to bidder regarding e-tendering process etc. may kindly be seen from the Detailed Notice Inviting Tender (DNIT) available on Chandigarh Administration website ( <a href="http://etenders.chd.nic.in">http://etenders.chd.nic.in</a> ) or on the PEC University of Technology institute website ( <a href="http://www.pec.ac.in">www.pec.ac.in</a> ).
III.	EMD, & affidavit of not being black listed on the date fixed for the same as above. The failure will entail summarily rejection of its tender.
IV.	The undersigned reserves the rights to reject or accept any or all tenders without assigning any reasons.

**Director,**  
PEC University of Technology,  
Sector-12, Chandigarh

## CHECKLIST FOR TENDER DOCUMENT

S. No.	Checklist	Tick (Yes/No)
1.	Whether name of the firm/organization & address and telephone/mobile number/fax number on letter pad of the company/firm have been mentioned	Yes/No
2.	Whether EMD as mentioned in Table-1 of Section I in the shape of Demand draft/Banker Cheque in favor of Director, PEC University of Technology, payable at Chandigarh has been attached? If yes, DD/B.C No. _____ dated _____ and _____ name of the Branch	Yes/No
3.	Whether financial statement for the financial years 2014-15, 2015-16, and 2016-17 submitted as proof of minimum annual turnover of Rs 30 Lakhs.	Yes/No
4.	Whether Income tax return (self attested) of the last two assessment years attached?	Yes/No
5.	Whether Document showing experience of providing similar items in reputed institutes/Departments/College/research labs etc. in INDIA in last three years providing satisfactory performance certificate from such Institutes /Departments/College/research labs etc. is attached (Annexure 2.3 of SECTION II)	Yes/No
6.	Do you agree to provide 120 days validity of tender as per point 4 of Section-VI?	Yes/No
7.	Whether attested photocopy of PAN/TAN Card/GST regd. no is attached?	Yes/No
8.	Whether name, address, contact number, designation/capacity of person signing tender document is attached?	Yes/No
9.	Do you comply the specification and details given in SECTION IV	Yes/No
10.	Whether attested photocopy of Registration Certificate attached?	Yes/No
11.	Whether Affidavit of not being Block Listed has been attached? (Annexure 2.2 of SECTION II)	Yes/No
12.	Covering letter (Annexure 2.1 of SECTION II) is attached	Yes/No
13.	Do you agree to delivery period less than 60 days as per Table No. 3 of Selection-III?	Yes/No
14.	Do you agree that no advance payment will be made by the PEC University of Technology in view of condition No. 7 of SECTION-VI?	Yes/No
15.	Do you agree to provide the item F.O.R. PEC University of Technology Sector – 12, Chandigarh?	Yes/No

Place: \_\_\_\_\_

Signature of Tenderer \_\_\_\_\_

Dated: \_\_\_\_\_

Full Name of the Tenderer \_\_\_\_\_

Address: \_\_\_\_\_

**PEC UNIVERSITY OF TECHNOLOGY, CHANDIGARH**  
**SECTION II**

**TERMS AND CONDITIONS OF CONTRACT**

1. Tenderers are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information required in the tender document or submission of a bid not substantially responsive to the tender document in every respect will be at the tenderers risk and may result in the rejection of the bid.
2. The tenderer should indicate specifically the basic price, packing and forwarding, GST and other charges. No additional information will be entertained after due date.
3. The tenderers should give their quote in Indian currency only keeping in mind that our Institute (i.e. PEC University of Technology) is exempted from the payment of custom and excise duty. Only custom & excise duty exemption certificate will be issued.
4. The Bidders shall have to submit their Bids online in Electronic Format with Digital Signatures. For participation in the e-tendering process, the Bidders need to register themselves on <http://etenders.chd.nic.in/nicgep>. On registration, they will be provided with a user ID and a system generated password enabling them to submit their Bids online using Digital System Certificates (DSC).
5. Tenders without digital signatures will not be accepted by the Electronic Tendering System. No Tender will be accepted in physical form and in case, it has been submitted in the physical form only, it shall be rejected out rightly.
6. Bids will be opened online as per time schedule mentioned in e-tender notice (**SECTION I Table 2**).
7. Before submission of online bids, bidders must ensure that self-attested scanned copies of all the necessary documents as mentioned in **SECTION IV “Technical Bid”** and **SECTION V “Financial Bid”** of this tender document have been uploaded with the bid, failing which their bids may be out-rightly rejected and will not be considered.
8. It is mandatory for all the bidders to upload all the documents for each equipment mentioned under tender document.
9. Bidder is required to upload scanned copy of EMD as specified in the tender documents and send original along with other hard copies of required documents to be sent in technical bid envelope.
10. The details of EMD and tender cost specified in the tender documents should be the same as submitted online (scanned copies) otherwise tender will be rejected.
11. The conditional bids shall not be considered and may be rejected out rightly in very first instance.
12. The financial bids through e-tendering of only those bidders shall be opened who will qualify in the technical bid criteria.
13. The bidder must have an experience of providing similar equipment’s in Govt. Institutes/Departments/College/ research labs etc. in India having order value of ₹ Rs. 15 Lakhs in last two financial years i.e. 2015-16 and 2016-17.
14. The bidder must have minimum annual turnover of Rs. 30.00 Lakhs in each of last three financial years i.e. 2014-15, 2015-16 and 2016-17. Copies of audited financial statements shall be submitted as proof.
15. An affidavit as per specimen enclosed as Annexure – 2.2 of SECTION II should accompany the tender. The tenderer who has been black-listed or his/her tenders have ever been cancelled or any legal proceedings have ever been initiated/pending or any penalty has ever been levied on account of delay or non-completion of supply order by any State/UT/Central Government, his/her tender will be out rightly rejected. A scanned copy

- of affidavit shall be uploaded online and in physical form along with EMD.
16. Downloading and submission of Tender will be done by E-tendering process through the online website of Chandigarh Administration <http://etenders.chd.nic.in/nicgep>.
  17. **EARNEST MONEY DEPOSIT (EMD):** The Tender should be accompanied with Earnest Money as mentioned in the Table-1 of SECTION I to be paid in the shape of A/C payee demand draft/banker cheque /FDR/bank guarantee from any Commercial Bank in favor of Director, PEC University of Technology Chandigarh which shall be valid for 180 days. No firm/tenderer will be exempted from submission of EMD. The EMD deposited by the tenderer in respect of another similar tender will not be considered against this tender. Apart from submission of EMD in physical form, scanned copy of EMD duly attested and countersigned by the firms shall also be uploaded. The EMD of unsuccessful tenders will be refunded immediately after finalization/allotment of tender. No interest will be payable on the EMD. The EMD will be forfeited, if the tenderer withdraws his/her bid after submission of the Tender. Expression of Interest without the EMD shall be rejected.
  18. **TECHNICAL BID:** The tenderer should submit scanned copy of documentary proof of his/her eligibility as mentioned in SECTION IV “Technical Bid” of this tender document.
  19. **FINANCIAL BID:** The financial bid (SECTION V) shall be quoted by the bidder through e-tendering. The financial bid should contain rates only. The rates should be mentioned both in figures as well as in words. Any change in rate quoted by the tenderer afterwards will entail forfeiture of earnest money deposit, cancellation of tender and blacklisting of the firm.
  20. The bid should not contain corrections or over writing.
  21. **Performance Security Deposit:** The successful tenderer will have to deposit performance security @ 5% of the total value of tender awarded (Table -1 of SECTION I) within 15 days of issuance of letter of intent by the competent authority to be paid in the shape of bank guaranty, from any scheduled bank in favour of Director, PEC University of Technology Chandigarh and the security deposited in connection with any other similar tender will not be considered against this tender. Thereafter, the work order will be issued. If successful tenderer fails to submit the requisite performance security deposit within prescribed 15 days, earnest money deposit (EMD) deposited by the tenderer will be forfeited.
  22. Tender received through e-tendering shall be opened online by the committee duly constituted by the authorities of PEC University of Technology, as per schedule given in Tender Notice in the office of the Prof. & Head, Materials & Metallurgical Engg. Dept., PEC University of Technology Chandigarh. In the event of date of opening of Tender being declared a holiday, the due date of opening of the Tender will be the next working day at the same hours.
  23. Tender is non-transferable.
  24. The bidder shall submit the hard copy of e-tender along with forwarding letter (Annexure – 2.1 of SECTION II) duly signed by the authorized signatory.
  25. The Director, PEC University of Technology Chandigarh reserves the right to accept or reject any or all tenders without assigning any reason.

ANNEXTURE – 2.1

From

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**Subject: Submission of Tender for Purchase of** \_\_\_\_\_

Dear Sir,

With reference to your above-mentioned notice inviting tenders, I/We hereby offer to provide (Name of Equipment) \_\_\_\_\_ for PEC University of Technology, Chandigarh.

I/We shall supply the Equipment's truly and faithfully as set forth in the terms and conditions of the tender document. I/We shall be responsible for all complaints as regards to the quality of product and in case of any dispute; the decision of the Director, PEC University of Technology, Chandigarh shall be final and binding on me/us.

A FDR No. \_\_\_\_\_ Dated \_\_\_\_\_ drawn on \_\_\_\_\_ intended for the prescribed amount of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ Only) in favor of Director, PEC University of Technology, Chandigarh, payable at Chandigarh is enclosed as earnest money as desired.

I/WE shall have no claim to the refund of earnest money / performance security prescribed against this tender in the event of my/our non-compliance of the contract, provided such contract is implemented within the period of validity of my/our tender.

I/We further understand that my/our earnest money shall stand forfeited in case of unsatisfactory supply of equipment's/service/violation of any term, or if I/We withdraw my/our tender at any stage during the period of validity. My/Our tender shall remain valid for a period of 120 days from the last date prescribed for submission of the tender against the above-mentioned notice. My/Our tender along with terms and conditions with relevant columns and annexure duly filled in under my/our attestation and with each page of the tender paper including the enclosed terms and conditions signed by me/us (in the capacity of sole owner/general or special attorney attached) is submitted for your favorable consideration.

I/We have read the terms and conditions (section II and section VI) carefully and have signed the same in token of our absolute and unqualified acceptance.

Thanking you,

Yours faithfully,

Place

Date

Signature of the Tenderer  
with stamp & Full Address



**ANNEXURE – 2.2**

(To be furnished on non-judicial stamp paper duly attested by the 1<sup>st</sup> Class Magistrate or Notary Public)

**AFFIDAVIT**

I/We/M/s \_\_\_\_\_ are registered Company/Ltd Company etc. as per Registration Certificate No. \_\_\_\_\_ issued by \_\_\_\_\_ having registered office at \_\_\_\_\_ and manufacturing/supply base at \_\_\_\_\_ do hereby declare and solemnly affirm that I/We have not been Black-listed, nor mine/our Tenders have ever been cancelled by any State/UT/Central Government or any partner or shareholder either directly or indirectly connected with or has any subsisting interest in the business of my/our firm nor any legal proceedings have ever been initiated/pending or any penalty has ever been levied due to delay of non-completion of work/service/supply order by any State/UT/Central Government or by any authority.

**Place:** \_\_\_\_\_

**DEPONENT**

**Dated :** \_\_\_\_\_

**Verification**

I/We do hereby solemnly declare and affirm that the above declarations are true and correct to the best of my knowledge and beliefs. No part of it is false and nothing has been concealed therein.

**Place:** \_\_\_\_\_

**DEPONENT**

**Dated:** \_\_\_\_\_

**ANNEXURE – 2.3**

**Details of previous same or similar equipment (last 5 years) previously supplied and installed in various Institutes in India by you and which will be available for inspection by our officials**

(Attach self attested photocopies of the work order and original certificate of satisfactory performance)

Sr. No.	Name of Equipment (Model No.)	Date of Installation	Name and address of the Organization with reference letters	Value of Equipment (In Rs.)	Name of the contact person and mobile No.	Remarks

**Signature of the Tenderer  
With stamp**

**PEC UNIVERSITY OF TECHNOLOGY, CHANDIGARH**

**SECTION III**

**SCHEDULE OF REQUIREMENT**

**TABLE 3 SCHEDULE OF REQUIREMENT**

Sr. No.	Brief Description	Quantity	Delivery Schedule	Bid Security (In Rupees)
1	Computerized Universal Testing Machine	01	60 days	90000/-

Offer will be accepted/ uploaded in two covers under Details containing:

First Cover Titled as “**Technical Bid**” & Second Cover Titled as “**Financial Bid**” should contain the Self-attested scanned copies of following with consecutive Sr. No:

1. Name of the Firm/Organization & address, contact person name and telephone/ Mob. No./Fax. No./ on letter pad of the company/firm.
2. Earnest money deposit as mentioned in Point 16 of SECTION II of this tender document.
3. Bidder should have minimum annual turnover of Rs. 30.00 Lakhs in each of the last three financial years i.e. 2014-15, 2015-16 and 2016-17. Copies of audited financial statements shall be attached.
4. Experience certificate of providing similar equipments in IITs/NITs/Govt. and other reputed organizations.
5. Self-attested copies of PAN/TAN Card/GST registration no.
6. Covering letter (**Annexure 2.1 of SECTION II**) duly signed with the acceptance of terms & condition mentioned in Section II and Section VI of Tender Document.
7. Manufacturer authorization certificate.
8. Registration Certificate of the company issued by the competent authority
9. Affidavit of not being Black Listed (Affidavit as per **Annexure 2.2 of SECTION II**)
10. The bidder should have a service support center at Chandigarh/Panchkula/Mohali.
11. List of Users of said equipment’s.
12. Proof of supplying similar equipment in Govt. Institutes.

**NOTE: All the above mentioned documents should be duly in order and are essential to qualify at Technical Bid Stage.**

**PEC UNIVERSITY OF TECHNOLOGY, CHANDIGARH**  
**SECTION IV**

**TECHNICAL SPECIFICATIONS AND DETAILS**

Sr. No.	Product Name	Specifications																																																														
1	Computerized Universal Testing Machine	<p>A servo-hydraulic comprehensive plug and play mechanical testing machine of 20-30 KN capacity with suitable sets of grips for multiple testing applications including tensile, compressive, fatigue, and fracture toughness.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Technical Feature</td> <td colspan="2">Detail specifications</td> </tr> <tr> <td>Force Rating</td> <td colspan="2">20 KN (min.) to 30 KN (max.)</td> </tr> <tr> <td>Force Measuring Device type</td> <td colspan="2">Strain gage based load cell</td> </tr> <tr> <td>Load cell</td> <td colspan="2">Resolution 5N or better Accuracy: 0.3% of full scale or better</td> </tr> <tr> <td>Actuator</td> <td colspan="2">Fatigue rated and dynamic design</td> </tr> <tr> <td>Stroke</td> <td colspan="2">± 25mm, Resolution 0.1µm</td> </tr> <tr> <td>Cyclic frequency</td> <td colspan="2">0-100HZ</td> </tr> <tr> <td>Controller</td> <td colspan="2">High performance DSP with 24bit data acquisition and digital signal conditioning for load stroke and extensometer, 32KHZ loop update, 1 encoder, 3 strain and 4 high level channels</td> </tr> <tr> <td rowspan="5">Grips</td> <td>Wedge Grips</td> <td>For 0.5 to 7 mm thick samples</td> </tr> <tr> <td>Compression Platens</td> <td>60mm diameter, spherical seating on one platen, etched ring for non-slippage of sample</td> </tr> <tr> <td>Three Point Bend Fixtures</td> <td>Span width adjustable from 20-150mm, roller dia of 5mm</td> </tr> <tr> <td>Clevis Grips</td> <td>Specific thickness 6-35mm &amp; pin dia. 6.35mm</td> </tr> <tr> <td>Threaded fixtures</td> <td>Round specimens with threading of M10 or M12</td> </tr> <tr> <td rowspan="2">Extensometers</td> <td>Tensile Extensometer</td> <td>Gage Length: 12.5mm, Travel +6.25/-3.1mm</td> </tr> <tr> <td>LCF Extensometer</td> <td>Gage Length: 12.5mm, Travel ±1mm</td> </tr> <tr> <td>Crack opening displacement</td> <td colspan="2">Gage Length: 5mm, Travel +3/-1mm, Resolution 1µm, Accuracy 0.5% of gauge length</td> </tr> <tr> <td rowspan="9">Software</td> <td>a</td> <td>Dedicated software for separate applications: tensile, compression, high cycle fatigue, low cycle fatigue, fatigue crack propagation, KIC &amp; JIC</td> </tr> <tr> <td>b</td> <td>User friendly interface</td> </tr> <tr> <td>c</td> <td>Applicable for conduct of test in stroke, load or strain control modes</td> </tr> <tr> <td>d</td> <td>Online display of load, displacement, and strain</td> </tr> <tr> <td>e</td> <td>Live update of graphic information</td> </tr> <tr> <td>f</td> <td>Report generation in MS Excel</td> </tr> <tr> <td>g</td> <td>Tensile: ASTM E-8, ASTM E466, ASTM D695, ISO 13003 etc.</td> </tr> <tr> <td>h</td> <td>Fatigue Crack propagation: ASTM 647</td> </tr> <tr> <td>i</td> <td>Fracture Toughness: ASTM E399, E1820</td> </tr> </table>	Technical Feature	Detail specifications		Force Rating	20 KN (min.) to 30 KN (max.)		Force Measuring Device type	Strain gage based load cell		Load cell	Resolution 5N or better Accuracy: 0.3% of full scale or better		Actuator	Fatigue rated and dynamic design		Stroke	± 25mm, Resolution 0.1µm		Cyclic frequency	0-100HZ		Controller	High performance DSP with 24bit data acquisition and digital signal conditioning for load stroke and extensometer, 32KHZ loop update, 1 encoder, 3 strain and 4 high level channels		Grips	Wedge Grips	For 0.5 to 7 mm thick samples	Compression Platens	60mm diameter, spherical seating on one platen, etched ring for non-slippage of sample	Three Point Bend Fixtures	Span width adjustable from 20-150mm, roller dia of 5mm	Clevis Grips	Specific thickness 6-35mm & pin dia. 6.35mm	Threaded fixtures	Round specimens with threading of M10 or M12	Extensometers	Tensile Extensometer	Gage Length: 12.5mm, Travel +6.25/-3.1mm	LCF Extensometer	Gage Length: 12.5mm, Travel ±1mm	Crack opening displacement	Gage Length: 5mm, Travel +3/-1mm, Resolution 1µm, Accuracy 0.5% of gauge length		Software	a	Dedicated software for separate applications: tensile, compression, high cycle fatigue, low cycle fatigue, fatigue crack propagation, KIC & JIC	b	User friendly interface	c	Applicable for conduct of test in stroke, load or strain control modes	d	Online display of load, displacement, and strain	e	Live update of graphic information	f	Report generation in MS Excel	g	Tensile: ASTM E-8, ASTM E466, ASTM D695, ISO 13003 etc.	h	Fatigue Crack propagation: ASTM 647	i	Fracture Toughness: ASTM E399, E1820
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		Power requirement	220V, 15 A Single Phase Supply
		A complete set of Standard accessories and tools necessary for all range of testing should be supplied	

Note:- The supplier must warrant that the goods supplied under the contract are new, unused and the items being supplied has incorporated all recent improvements in design, materials, as per specifications in this tender documents.

## SECTION V

### FINANCIAL BID

Financial (Price) Bid for Purchase of Computerized Universal Testing Machine to be delivered by the bidder in the Materials & Metallurgical Engg. Dept., PEC University of technology, Sector 12, is to be submitted online in excel sheet provided.

Tender Inviting Authority		HoD, Materials and Metallurgical Engineering Deptt.					
Nature of Work		Procurement of 1. Computerized Universal Testing Machine					
Contract No.							
Bidder Name:							
Sr. No.	Description of Work	No. or Qty.	Unit	Estimated Rate (in RS.)	Rate in Figures to be entered by the bidder		Amount (Rs.)
					Figures	Words	

- Notes:**
1. In case of equal rates quoted by more than one bidder, priority will be given/ awarded to the bidder who has more experience and better performance. In this regard decision of the committee will be final.
  2. Rate should be quoted in Indian Rupees only inclusive of GST and other taxes as per Indian law except custom duty/excise duty.
  3. The Institute is registered with the Deptt. Of Scientific & Industrial Research(DSIR) for purpose of availing custom duty exemption in terms of Govt. Notification no. 51/96-Customs dated 23.07.1996 and Central Excise Duty Exemption in terms of Govt. Notification no. 10/97- Central Excise dated 01-03-1997 as amended from time to time.

# PEC UNIVERSITY OF TECHNOLOGY, CHANDIGARH

## SECTION VI

### GENERAL TERMS AND CONDITIONS

#### 1. Clarification of Bidding Documents

A prospective Bidder requiring any clarification of the bidding documents may notify the PEC in writing or by e-mail or fax at the PEC's mailing address indicated in the Invitation for Bids. The PEC will respond in writing to any request for clarification of the bidding documents which it receives not later than 15 days prior to the deadline for submission of bids prescribed by the PEC.

#### 2. Amendment of Bidding Documents

At any time prior to the deadline for submission of bids, the PEC may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by amendment.

In order to allow prospective bidders, a reasonable time to take the amendment into account in preparing their bids, the PEC, at its discretion, may extend the deadline for the submission of bids.

#### 3. Language of Bid

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the PEC, shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the translation shall govern.

#### 4. Period of Validity of Bids

Bids shall remain valid for 120 days after the deadline for submission of bids prescribed by the PEC. A bid valid for a shorter period shall be rejected by the PEC as non-responsive.

#### 5. Opening of Bids by the PEC

The PEC will open all bids, in the presence of Bidders' representatives who choose to attend, at 02:00PM on 20.11.2017 and in the following location:

Prof. & Head,  
Dept. of Materials & Metallurgical Engineering  
PEC University of Technology,  
Sector 12, Chandigarh 160012

The Bidders' representatives who are present shall sign a register evidencing their attendance. In the event of date of opening of Tender being declared a holiday, the due date of opening of the Tender will be the next working day at the same hours and venue.

#### 6. Warranty

The entire system shall be in warranty (from OEM) for a period of **two** years from complete commissioning & handing over the system.

#### 7. Training:

The agency shall arrange their experts to provide complete training (operational and maintenance) of minimum 3 days on the supplied equipments to the concerned staff members of PEC, free of cost.

#### 8. Payment

- Payment for Goods and Services shall be made in Indian Rupees only as follows:

1. On final acceptance.
  2. 100 percent of the contract Price shall be paid on the Successful Installation, Training and Satisfactory performance.
- The Supplier's request(s) for payment shall be made to the PEC in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and the Services performed, and by documents, submitted and upon fulfillment of other obligations stipulated in the contract.
  - Payments shall be made promptly by the PEC
  - Payment shall be made in Indian Rupees only.
  - No advance payment will be made. Payment will be released after satisfactory receipt of goods/ material, demonstration/training and installation

#### **9. Documents comprising the Bids**

The Bids prepared by the Tenderers shall comprise of following components:

- Bid to be furnished as per the format for technical specifications.
- Technical literature for each product/service, covering full technical specifications.
- Bid prices should be quoted item wise as per format provided in excel sheet only duly signed and complete as per the format.
- Maximum educational discount as could be offered should be mentioned.

#### **10. Others Terms and Conditions**

- An EMD/ bid security of equipment should be submitted in the form of account payee demand draft/banker cheque/FDR/bank guarantee from any Commercial Bank valid for 180 days from any commercial bank in favour of Director PEC University of Technology, Chandigarh. Tender without earnest money shall be considered unresponsive and rejected.
- A Performance security of 5% of the cost of the equipment will have to be deposited by the successful bidder in form of Bank Guarantee from a scheduled bank, which should be valid till the completion of warranty/contract period or beyond.
- Performance Security will be forfeited and credited to the institute (PEC University of Technology, Chandigarh) in the event the supplier does not honour the warranty/contract and other terms and conditions of the tender.
- Price quoted should be inclusive of GST/Taxes/Levies as per Indian law except custom duty/excise duty.
- The Institute is registered with the Deptt. of Scientific & Industrial Research (DSIR) for purpose of availing custom duty exemption in terms of Govt. Notification no. 51/96- customs dated 23.07.1996 and Central Excise Duty Exemption in terms of Govt. notification no. 10/97- Central Excise dated 01-03-1997 as amended from time to time.
- The delivery period for the supply of the material is 60 days from the date of supply order. The penalty will be charged @ 0.5% of cost of equipment per week after the expiry of delivery period, mentioned in the purchase order if delivery date is extended by the PEC.
- Detailed Catalogue should be sent along with supply of equipment.
- All legal disputes will be subjected to Chandigarh Jurisdiction and will be interpreted under Indian Laws.
- The Director, PEC University of Technology Chandigarh reserves the right to reject any or all tenders without assigning any reasons.
- The firm who has been blacklisted by Centre/State Govt. / UT/Boards/Corporations/ any government authority/PEC University of Technology are not eligible for the Tender.



- **All the rates will be FOR, PEC University of Technology, Chandigarh.**
- PEC, being a premier Education and Research Institute funded by Chandigarh Administration, discounts as applicable to Research Institute/Educational Institutes may be provided in the Tenderer.
- The bidders shall not be allowed to change, alter or modify the bids after expiry of the deadlines for the receipts of bids.
- The firm is entirely responsible for any damage or losses occurred to the material in the transit. The firm will lodge all complaints regarding the damage occurred in the transit and shall bear all expenses.
- In a tender, either Indian agent on behalf of the Principal/Original Equipment Manufacturer or Principal itself can bid but both cannot bid simultaneously for the same tender for the same item/ product.
- EMD/Performance security will stand forfeited if a bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form (SECTION VI), and in case of successful bidder, if the bidder fails to supply the equipment or to furnish performance security in accordance with the tender.
- Bids received after the due date will not be considered.
- The tenderer is required to bring their own testing and measurement instruments which are required for the installation, commissioning and testing. These can be taken back after completion of the process.
- In case, any free gift scheme / cash scheme is launched by the company same will be offered by the vender to PEC University of Technology, Chandigarh free of cost.
- Generally the bid offer will be received /opened on the day as specified in the schedule. If the scheduled date is declared as a holiday, then the tender shall be received / opened on the next working day at the same time.
- The agency shall arrange to provide demonstration/Training to the concerned lab staff regarding operation / maintenance of equipment free of cost.
- A technical compliance chart of the quoted product mentioning technical specifications of quoted product verses asked specifications is compulsory. Attach the compliance chart with technical bid.
- Tender validity should be 120 days from the opening of tender.

All the terms and Conditions of this tender document are acceptable to me /us.

Signature of Bidder

Stamp

# PERFORMANCE SECURITY FORM

(on Non-Judicial Paper)

## BANK GUARANTEE BOND FOR PERFORMANCE WARRANTY

To

The President of India, through the Director  
PEC University of Technology,  
Sector-12, Chandigarh-160012

Dear Sir,

Sub: \_\_\_\_\_

1. You, on behalf of President of India, have entered into a contract with reference No. \_\_\_\_\_ with \_\_\_\_\_ (herewith after referred to "as the contractor") for the development, fabrication and supply of (herein after referred to as stores) for the price and on the terms and conditions contained in the said contract.
2. In accordance with the terms of said contract the Contractor has undertaken to produce a Bank Guarantee for Rs. \_\_\_\_\_ being 5% of (Rs. \_\_\_\_\_) of the total value of the said stores supplied to you for the due fulfilment of its obligations to the President of India for due performance as per the contract during warranty period.
3. In consideration thereof, we happily expressly, irrevocably and unconditionally undertake and guarantee as principal obligors on behalf of the contractor that in the event that the President of India submits a written demand to us that the contractor has not performed according to the contractual obligations included in the said contract, we will pay you on the written demand, without demur and without reference to the contractor any sum up to a maximum amount of Rs. \_\_\_\_\_ (Rupees. \_\_\_\_\_). Your demand shall be conclusive evidence to us that such repayment is due under the terms of the said contract. Payment by us to you will be made within (30) days from receipt of your written request making reference to this guarantee and on demand.
4. This guarantee shall not be revoked without your express consent and shall not be affected by your granting any indulgence to the contractor, which shall include but not be limited to postponement from time to time of the exercise the same in any manner at any time and either to forbear or to enforce any covenant continued or implied in the said contract or any other course remedy or security available to you, and our Bank shall not be released from its obligations under this guarantee by your exercising any of your rights with reference to matters aforesaid or any of them or by reason of any other indulgence shown by you or by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving our bank from its obligation under this guarantee.
5. Notwithstanding anything herein contained, our liability under this guarantee is restricted to Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) and the guarantee shall remain in force up to and including the day of being reported to us by you returned to us duly discharged.

6. Unless a demand or claim under this guarantee is made on us in writing on or before the aforesaid expiry date as provided above or unless this guarantee is extended by us all your rights under this guarantee shall be prescribed and we shall be discharge from the liabilities hereunder.
7. This guarantee shall not be affected by any change in the constitutions of our Bank or of the contractor or for any other reason whatsoever.

We \_\_\_\_\_, Lastly undertake not to revoke this guarantee during its currency except with the prior consent from your office in writing.

8. Not with standing anything contained herein:

- i. Our liability under this Bank Guarantee shall not exceed Rs. \_\_\_\_\_ (Rupees. \_\_\_\_\_).
- ii. This Bank Guarantee shall be valid up to \_\_\_\_\_.
- iii. We are liable to pay the guaranteed amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before

9. This Bank Guarantee shall be returned to our \_\_\_\_ Name of the Bank Branch at \_\_\_\_\_ Office Address, once the purpose of the issuance has been fulfilled or upon expiry of this guarantee whichever is earlier. Even return of Original Bank Guarantee is essential for invoking the guarantee with specific request letter from the beneficiary.

Witness: \_\_\_\_\_, Signature \_\_\_\_\_

Witness: \_\_\_\_\_, Signature \_\_\_\_\_

For \_\_\_\_\_ Bank

For \_\_\_\_\_ Bank

Authorized Signatory

Authorized Signatory