

**Punjab Engineering College, Chandigarh
(Deemed to be University)
Sector 12, Chandigarh 160012**



**E-TENDER DOCUMENT FOR PURCHASE OF
EQUIPMENTS LISTED IN TABLE 1**

**by
DEPARTMENT OF MATERIALS & METALLURGICAL
ENGINEERING**

PUNJAB ENGINEERING COLLEGE, CHANDIGARH

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SECTION I
INVITATION FOR E-TENDER
FOR PURCHASE OF EQUIPMENTS LISTED IN TABLE I

1. The Punjab Engineering College, Chandigarh invites e-bids from eligible bidders for supply of equipments as per Table-1.
2. Interested & eligible bidders may obtain further information from Dr. J. D. Sharma, Department of Materials & Metallurgical Engineering, Punjab Engineering College, Sector 12, Chandigarh 160012, India.
3. The bidding document is downloadable from institute website <http://www.pec.ac.in> as well as website of Chandigarh Administration (<http://etenders.chd.nic.in>).
4. All bids must be accompanied by an EMD as specified in the bid document and must be delivered to the office address mentioned below by the date and time indicated below.
5. Bids will be opened in the presence of bidders' representative(s) who may 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	Quantity	EMD	Performance Security Deposit
1.	Programmable Electrically Heated Resistance Furnace with Stirrer (& a Muffle Furnace for Preheating Mold & Particles)	01	Rs. 25000/-	@ 5% of the total value of the contract

TABLE 2: TIMESCHEDULE

I	Date of Publication	Jan 4, 2018
II	Downloading of e-tender document	Start date: 04.01.2018 End date: 29.01.2018
III	Date of submission of e-tender	Start date: 04.01.2018 End date: 29.01.2018
IV	Physical submission of EMD, affidavit regarding not being black listed and other Necessary pre-qualification documents (scanned copies)	Start date: 04.01.2018 End date: 29.01.2018
V	Opening of Technical Bid (online) and Meeting for scrutiny of technical bid and declaring eligible bidders	Date: 30.01.2018 at 1500 Hours (3:00PM)
VI	Opening of Financial Bid of only eligible Technically qualified bidders as determined by the Committee	To be informed after checking eligibility of bidders

VII	Place of opening of bids	Seminar Room, Department of Materials & Metallurgical Engineering, Punjab Engineering College, Sector 12, Chandigarh-160012
VIII	Address for Communication	Dr. J. D. Sharma, Faculty, Department of Materials & Metallurgical Engineering, Punjab Engineering College, Sector 12, Chandigarh-160012 e-mail: jdsharma@pec.ac.in

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 (http://etenders.chd.nic.in) or on the Punjab Engineering College's website (www.pec.ac.in)
III.	The bidder has to submit the original documents in physical form such as 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,
Punjab Engineering College,
Sector-12, Chandigarh

PUNJAB ENGINEERING COLLEGE, CHANDIGARH

SECTION II

TERMS AND CONDITIONS OF CONTRACT

1. Bidders are advised to study all technical and commercial aspects, instructions, forms, terms and specifications carefully in the tender document. Failure to furnish all information/documents required in the tender document or submission of a bid not substantially responsive to the tender document in every respect will be at the bidder's risk and may result in the rejection of the bid.
2. The tenderer should indicate specifically the basic price, packing and forwarding charges, GST and other charges separately. No additional information/document will be entertained after the due date.
3. **The tenderer should give their quotes in Indian currency only keeping in mind that our institute (Punjab Engineering College, Chandigarh) is exempted from the payment of custom and excise duty. 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 Signature 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. Technical 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 III "Technical Bid"** and **SECTION IV "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 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 desired documents to be sent in technical bid envelope.
10. The details of EMD 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 supplying similar equipment in Government institutes/departments/colleges/universities/researchlabs/industrial & commercial organizations etc. in India during last three financial years i.e. 2014-15, 2015-16, 2016-17.
14. An affidavit as per specimen enclosed as Annexure-2.2 of SECTIONII 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.

15. 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>.
16. **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's cheque/6 month FDR/bank guarantee from any Commercial Bank in favour of Director, Punjab Engineering College Chandigarh which shall remain valid for a period of 45 days beyond final/financial bid validity period. **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 counter signed by the firm 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.
17. **TECHNICAL BID:** The tenderer should submit scanned copies of documentary proof of his/her eligibility as mentioned in SECTION III "Technical Bid" of this tender document.
18. Financial Bid will be opened of only those bidders who qualify in the technical bid criteria through e-tendering process.
19. **FINANCIAL BID:** The financial bid (SECTION IV) shall be submitted by the bidder through e-tendering. The financial bid should contain rates/prices only. The rates should be mentioned both in figures as well as in words. Any change in rate or term & conditions by the tenderer after wards will entail for forfeiture of earnest money deposit, cancellation of tender and blacklisting of the firm.
20. The bid should not have corrections or overwriting.
21. **PERFORMANCE SECURITY DEPOSIT:** The successful tenderer will have to deposit performance security @ 5% of the total value of contract awarded (Table-1 of SECTION I) within 15 days of issuance of work/supply order by the competent authority to be paid in the shape of bank guaranty from any scheduled bank in favor of Director, Punjab Engineering College, 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 15 days of supply order, earnest money deposit (EMD) deposited by the tenderer will be forfeited and order cancelled.
22. Tender received through e-tendering shall be opened online by the committee duly constituted by the authorities of Punjab Engineering College, as per schedule given in tender notice in the Seminar Hall, Materials & Metallurgical Engineering Department, Punjab Engineering College Chandigarh. In the event of date of opening of tender is declared a holiday, the due date of opening of the tender will be the next working day at the same hours.
23. The bidder shall submit the hard copy of e-tender along with forwarding letter (Annexure-2.1 of SECTION II as given on next page) duly signed.
24. The Director, Punjab Engineering College Chandigarh reserves the right to accept or reject any or all tenders without assigning any reason.

ANNEXTURE– 2.1

From

Subject: Submission of Tender for Purchase of

Dear Sir/Madam,

With reference to your above-mentioned notice inviting tenders, I/We hereby offer to provide(Fill name of the item or items) to Punjab Engineering College, Chandigarh.

I/We shall supply the Equipment(s) truly and faithfully as set forth in the terms and conditions of the e-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, Punjab Engineering College, Chandigarh shall be final and binding on me/us.

A DD/banker’s cheque/FDR No. _____ Dated drawn on _____
Amounting to Rs. _____ (Rupees

_____ Only) in favor of Director, Punjab Engineering College, Chandigarh, payable at Chandigarh is enclosed as earnest money.

I/WE shall have no claim to the refund of earnest money/performance security deposited against this tender in the event of my/our non-compliance of the contract, provided such contract is completed within the period of validity of my/our tender and to the entire satisfaction of purchase committee of PEC.

I/We further understand that my/our earnest money and performance security 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 or authorized person (general or special power of attorney attached) is submitted for your favorable consideration.

I/We have read all the terms and conditions carefully and have signed the same in token of our absolute and unconditional acceptance.

Thanking you,

Place

Yours faithfully,
Signatures
Date with stamp

Name & Full Address with
telephone/mobile numbers.

ANNEXURE-2.2

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

AFFIDAVIT

I/We/M/s _____ is/are a registered
firm/establishment/organization/Company etc. as per Registration
Certificate No. _____ issued by
_____ having registered office at

_____ (address) and manufacturing/supply base
at

_____ (address) do here by declare and solemnly affirm that I/We have neither been
black-listed nor mine/our tenders have ever been cancelled by any State/UT/Central Government,
nor any partner or share holder either directly or indirectly connected with 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 in non-completion/non-compliance 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: _____

PUNJAB ENGINEERING COLLEGE, CHANDIGARH
SECTION III
“TECHNICAL BID”

TABLE 3: SCHEDULE OF REQUIREMENT

S.No.	Item	Quantity	Delivery Schedule	EMD (In Rupees)
1.	Programmable Electrically Heated Resistance Furnace with Stirrer (& a Muffle Furnace for Preheating Mold & Particles)	01	45 days	25000

OFFER WILL BE ACCEPTED/UPLOADED IN TWO COVERS UNDER DETAILS CONTAINING:

FIRST COVER TITLED as “Technical Bid” should contain the self-attested scanned copies of following with consecutive Sr. No:

1. Name of the firm/organization’s authorized person, his telephone/Mobile No./e-mail/Fax number on letter head of the company/firm/organization.
2. Earnest money deposit as mentioned in Point 15 of SECTION II of this tender document.
3. Bidder should have a turnover of at least Rs. 15 Lakhs in each of the last three financial years i.e. 2014-15, 2015-16 and 2016-17. Copies of audited/un-audited (as applicable) financial statements should be attached.
4. Self-attested copies of PAN/TAN Card/GST No.
5. Certificate of acceptance of terms & condition mentioned in Section II and Section V of tender document.
6. Manufacturer’s authorization certificate.
7. Registration Certificate of the micro/small/medium enterprises, company issued by the competent authority.
8. Affidavit of not being black listed (Affidavit as per **Annexure 2.2 of SECTION II**).
9. Covering letter (**Annexure 2.1 of SECTION II**)
10. List of user customers of said equipment(s).
11. Proof of supplying similar equipment in teaching & research institutes, industrial organizations etc during last three financial years i.e. 2014-15, 2015-16, 2016-17.

NOTE: All above mentioned documents should be duly in order and are essential to qualify for Technical Bid.

Technical Specifications	
Programmable Electrically Heated Resistance Furnace	
Batch capacity	Facility to hold 20 Kg (max) of Al melt for stir casting
Approx. Inner chamber dimensions (Length x Breadth x Height) in mm	300 x 300 x 400 or as per design capable to hold 20 Kg stir cast batch. Inner walls: Ceramic board with heating elements placed on the sides.
Max Temperature	1400 °C
Working Temperature	1350 °C
Heating rate	Maximum temperature to attain in less than 1 hour

Temperature accuracy	±1 °C
Furnace outer wall temperature	20 °C above ambient temperature (approx.)
Construction	Triple walled with air insulation on the outer side for achieving optimal skin temperature.
No. of zones	01
Type of loading	Bottom loading with hydraulic lifting mechanism, capable of holding the metal in hot and cold conditions
Top Lid	It must have provisions to accommodate stirring rod, a removable thermocouple to measure melt temperature and a hopper injection. (Ref Given in Pic)
Insulation details	<ul style="list-style-type: none"> Furnace shall insulated with Ceramic Fibre of Zirconia grade The insulation shall be provided so as to ensure that the skin temperature of the furnace is max. 20°C above ambient temperature.
Heating elements	<ul style="list-style-type: none"> Furnace should be supplied with Silicon Carbide heating elements corrugated in sinusoidal form. Hook pins, ceramic tubes embedded into the ceramic fiber blocks and ceramic washers shall be used for supporting the heating elements. The elements shall be hung on suitable element tightening hook pins and should facilitate easy removal of the heating elements for maintenance/ replacement. The elements should be designed to work at low watt density to ensure long life. Watt density shall be indicated in the offer
Inner chamber	An inbuilt Argon Gas purging facility near the bottom with easy extension outside, so as to facilitate easy connections for cylinder and control
Furnace Temperature control system.	The furnace shall be provided with Microprocessor based PID Programmable controller with 1 program X 16 segments (Ramp/Soak). Dual display of set & actual Temperature with soft touch keys. With thermocouple break protections & Cold junction compensation. CE mark to meet EMC regulations.
Sensor	Pt/PT-Rh 13%
Safety	Over current and short circuit protection. Thermocouple break alarm and high temperature alarm
Power supply	220 volts, 1 phase or 415 V, 3 phase AC supply
Power control	SCR unit (Phase Angle Thyristor)
Stirrer	
Stirrer speed (Max)	Digital display with microprocessor based variable frequency drive with set and actual value for continuous control on rpm with step size of 01 from 10 -1000 rpm
Stirrer shaft Length	18 inch
Max diameter of stirrer	16 mm (to be gripped in chuck)
Stirrer attachment	Stirrer arrangement from the top of the furnace to stir molten metal with controllable movement in Z direction

Muffle Furnace

Inner chamber dimensions (Length x Breadth x Height) in mm	300 x 300 x 400
Working Temperature	1000°C or better

Heating elements	<ul style="list-style-type: none"> Furnace should be supplied with Silicon Carbide heating elements corrugated in sinusoidal form. Hook pins, ceramic tubes embedded into the ceramic fiber blocks and ceramic washers shall be used for supporting the heating elements. The elements shall be hung on suitable element tightening hook pins and should facilitate easy removal of the heating elements for maintenance/ replacement. The elements should be designed to work at low watt density to ensure long life. Watt density shall be indicated in the offer
Temperature Accuracy	±1°C or better
Temperature Control	The furnace shall be provided with Microprocessor based PID Programmable controller with 1 program X 16 segments (Ramp/Soak). Dual display of set & actual Temperature with soft touch keys. With thermocouple break protections & Cold junction compensation. CE mark to meet EMC regulations.
Insulation details	<ul style="list-style-type: none"> Furnace shall insulated with Ceramic Fibre of Zirconia grade The insulation shall be provided so as to ensure that the skin temperature of the furnace is max. 20°C above ambient temperature.
Inner chamber	Ceramic board with heating elements placed on the sides.
Heating rate	Maximum temperature reaching in less than 1 hour
Construction	Triple walled with air insulation on the outer side for Minimal Skin Temperature
No. of zones	01
Type of loading	Easily lockable, airtight, hinged front door larger than cross-section of muffle to provide leak proof assembly and high insulation.
Design	<ul style="list-style-type: none"> The furnace should be floor mounted with a stand of 6" to 1 feet height with lockable wheels. Strong bottom to hold metallic moulds weight nearly equal to 20 kg
Safety	Over current and short circuit protection. Thermocouple break alarm and high temperature alarm
Power control	SCR unit (Phase Angle Thyristor)

Basic Features:

- The furnace design is to be in accordance with up-to date standards and special care is to be taken to ensure ease of operation, safety, maintenance, accuracy of heating, etc.
- The chamber must have adequate space to accommodate Crucible No. 50.
- Suitable stirrer mechanism to stir the 20 Kg Aluminum melt in various predetermined speed up to 1000 rpm with DC motor. Chuck is to be coupled to DC motor so that impeller/Blade should be easily replaceable.
- Three set of hoppers for powder injection.
- Split type door for opening at top.
- Furnace outer shell should be made of Corrosive/heat resistant stainless steel.
- Two members team from institute will visit for onsite inspection during fabrication.
- Itemized breakup of electrical and electronic spares including heating elements used in the furnace in sufficient quantity as per recommendation of vendor for 2 years of trouble free operation on three shifts continuous running basis shall be quoted separately along with unit price of each item.

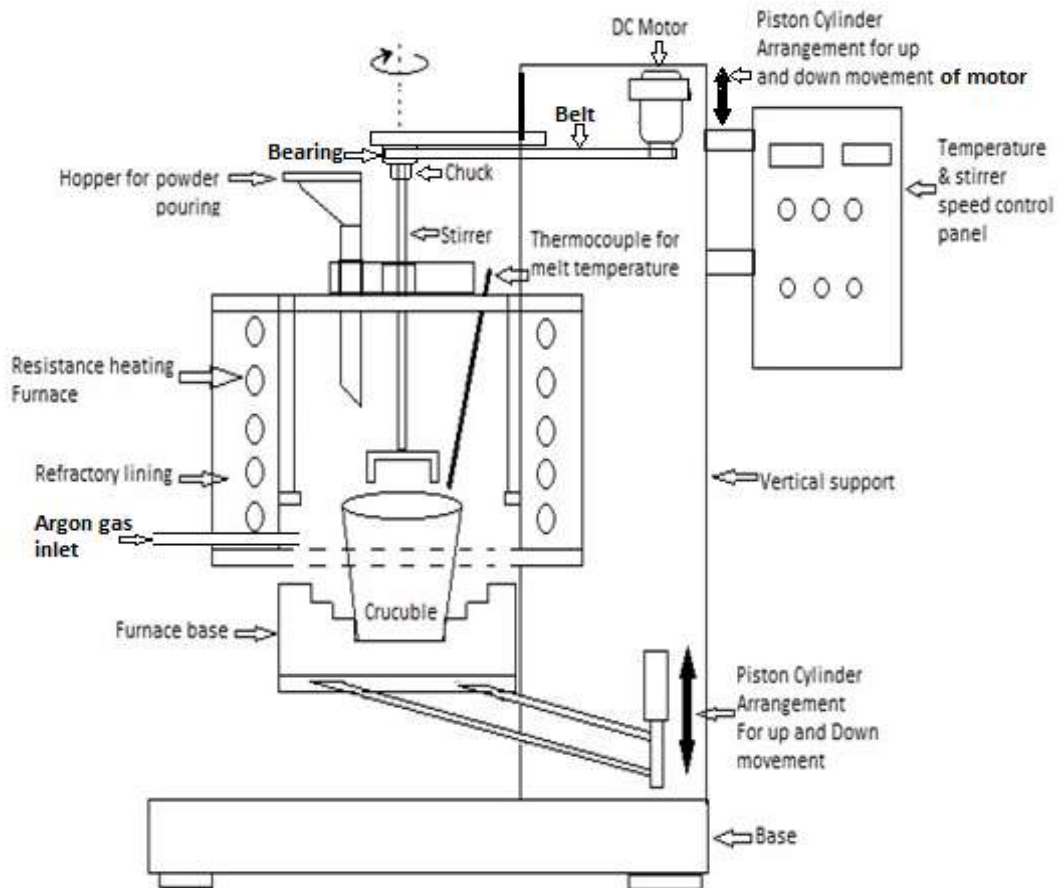


Fig: TENTATIVE DESIGN: Programmable Electrically Heated Resistance Furnace with Stirrer

Scope of supply will include:-

1. Design, Manufacture, Supply, Testing, Installation and Commissioning of furnace complete with electric & instrumentation panel and other accessories as described above.
2. Power & Control cables from electrical control panel to the Furnace including supply of adequate cable sizes and terminations at both ends.
3. Earthing of furnace and its electrical panel by connecting it to two independent nearest earth pits.
4. Special tools and tackles required for commissioning and normal operation and maintenance of equipment.
5. Supply of all foundation requirements, etc. required for installation.
6. Supply of temporary structures, templates, jigs etc including bolts, nuts, rivets etc for erection of such structures. The successful vendor shall obtain specific permission of the Purchaser before erecting any structure.

Inspection and Testing:

1. The successful Vendor shall have to submit the detailed design along with the drawings within 15 days from the date of receipt of the firm order for approval
2. Second stage inspection of furnace includes the demonstration of working of the furnace simulating the conditions at the works. The supplier shall intimate the inspection schedule at least 15 days in advance.
3. Performance of the furnace shall be demonstrated at site after installation and commissioning at site.

PUNJAB ENGINEERING COLLEGE, CHANDIGARH

**SECTION IV
FINANCIAL BID**

SECOND COVER TITLED AS “FINANCIAL BID” CONSIST OF

Financial (Price) Bid for Purchase of Equipments listed in table 1 of section II to be delivered by the bidder in the Department of Materials & Metallurgical Engineering, Punjab Engineering College, Sector 12, Chandigarh is to be submitted online in excel sheet provided.

Notes:

1. Rate should be quoted in Indian Rupees showing custom duty/excise duty & other taxes, if any, separately on FOR PEC, Chandigarh basis.
2. The institute is registered with the Department 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 01-03-1997as amended from time to time.

PUNJAB ENGINEERING COLLEGE, CHANDIGARH

SECTION V

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 email or fax or telephone/mobile 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 for submission of bids prescribed by the PEC.

2. Amendment of Bidding Documents

At any time prior to the deadline for submission of bids 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 the technical bids in the presence of bidders' representatives who choose to attend on 30.01.2018 at 1500 hrs (3.00PM) and in the following location:

Seminar Room
Department of Materials & Metallurgical Engineering
Punjab Engineering College,
Sector12, Chandigarh, 160012

The Bidders' representatives who will be 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 tenders will be the next working day at the same hours and venue.

6. Warranty

The entire system of each & every equipment shall be in warranty (from OEM) for a period of one year from the date of successful commissioning & handing over the system.

7. 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 Successful commissioning, Installation, Training and Satisfactory performance/working.
- The Suppliers shall request for payment to PEC in writing accompanied by an invoice in duplicate 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/materials, successful commissioning/working, demonstration/training and installation.

8. Documents comprising the Bids

The Bids prepared by the tenderer 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, all taxes shown separately, should be quoted item wise as per format provided in excel sheet only, duly signed by the authorized person and complete as per the format.
- Maximum educational institution discount as could be offered should be mentioned.

9. Others Terms and Conditions

- An EMD/bid security of equipment should be submitted in the form of an account payee demand draft/banker cheque/6 month FDR/bank guarantee from any Commercial Bank valid for 45 days beyond final bid validity period in favour of Director Punjab Engineering College, Chandigarh. **Tender without earnest money shall be considered unresponsive and rejected out rightly.**
- A Performance security of 5% of the total cost of the equipment will have to be deposited by the successful bidder awarded the supply order in the form of Bank Guarantee from a scheduled bank, which should be valid for 60 days beyond the completion of warranty/contract period.
- Performance Security will be forfeited and credited to the institute (Punjab Engineering College, Chandigarh) in the event the supplier does not honor the warranty/contract and other terms and conditions of the tender.
- Price quoted, all taxes/levies shown separately, should be on FOR PEC, Chandigarh basis.
- The Institute is registered with the Department 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 supply of the various equipments shall be varying from 30 to 60 days from the date of supply order. The penalty will be charged @ 0.5% of the total cost of equipment FOR PEC per week after the expiry of delivery period mentioned in the purchase order if the request for extension of delivery date made by the supplier is not accepted by the PEC. Extension may not be granted.
- Detailed catalogue should be sent along with supply of equipment.
- All legal disputes will be subject to Chandigarh Jurisdiction and will be interpreted under Indian Laws.
- The Director Punjab Engineering College reserves to himself 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/ Punjab Engineering College is not eligible for the Tender.
- **All rates should be quoted FOR Punjab Engineering College, Chandigarh.**
- The institute being a premier Government Education and Research Institute funded by Chandigarh Administration, discounts as applicable to Research Institute/Educational Institutes may be provided in the tender.

- 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 equipment/material in the transit. The firm will not lodge any complaints regarding the damage occurred in the transit and shall bear all expenses.
- In a tender, either an Indian agent on behalf of the Principal/(Original Equipment Manufacturer) OEM or Principal/OEM 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 in the bid form, 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 Punjab Engineering College, 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 a holiday, and 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 faculty/lab staff regarding operation/maintenance of equipment free of cost.
- A technical compliance chart of the quoted equipment 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 terms and Conditions of this tender document are acceptable to me/us.

Signature of Bidder

PERFORMANCE SECURITY FORM

(On Non-Judicial Stamp Paper)

BANK GUARANTEE BOND FOR PERFORMANCE WARRANTY

To

The President of India,
Through the Director Punjab Engineering College,
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/supplier") 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 fulfillment 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 contract or 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 for bear 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 afore said or any of the morbid reason of any other indulgence shown by you or by any other matter or thing what so ever which under law would, but for this provision, have the effect of relieving our bank from its obligation under this guarantee.
5. Not with standing anything here in contained, our liability under this guarantee is restricted to Rs. _____ (Rupees _____) and the guarantee shall remain in force upto 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 said 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 here under.
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 upto _____.
- 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.....Branch atonce 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