

**PUNJAB ENGINEERING COLLEGE
(Deemed to be University)
Sector 12, Chandigarh 160 012**



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

**BY
DEPARTMENT OF PRODUCTION &
INDUSTRIAL ENGINEERING**

Punjab Engineering College (Deemed to be University), CHANDIGARH

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

1. The Punjab Engineering College (Deemed to be University), Chandigarh invites e-bids from eligible bidders for supply of equipments as mentioned in Table-1.
2. Interested & eligible bidders may obtain further information from Prof. & Head/Prof M M Goud, Department of Production & Industrial 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 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	Delivery Schedule
1.	Welding Simulator	01	28,000	5% of the total value of the contract	60 Days
2.	Magnetic Particle Inspection machine	01	16,000		
3.	Surface Grinding Machine (Horizontal spindle)	01	10,000		
4.	Honing Machine (Vertical)	01	10,000		
5.	Vacuum Casting Machine	01	70,000		
6.	Machine Tool Dynamometer	01	24,000		

NOTE:

- **Separate bids are to be submitted for each equipment.**

TABLE 2: TIME SCHEDULE

I	Date of Publication	20-12-2017
II	Downloading of e-tender document	Start date: 20-12-2017 End date: 22.01.2018
III	Date of submission of e-tender	Start date: 20-12-2017 End date: 22.01.2018
IV	Physical submission of EMD, affidavit regarding not being black listed and other necessary pre-qualification documents (scanned copies)	Start date: 20-12-2017 End date: 22.01.2018
V	Opening of Technical Bid (online) and meeting for scrutiny of technical bid and declaring eligible bidders	Date: 23.01.2018 at 11.00 Hours
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	Office, Computer Center, Punjab Engineering College (Deemed to be University) , Sector 12, Chandigarh-160012
VIII	Address for Communication	Prof. & Head, Department of Production & Industrial Engineering, Punjab Engineering College (Deemed to be University) , Sector 12, Chandigarh-160012 e-mail: headprod@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 (Deemed to be University) '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 under signed reserves the rights to reject or accept any or all tenders without assigning any reasons.

Director,
Punjab Engineering College
(Deemed to be University),
Sector-12, Chandigarh

Punjab Engineering College (Deemed to be a University)

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 (Deemed to be University), 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 govt. institutes/departments/colleges/universities/research labs/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 closed 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.**

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 favor of Director, Punjab Engineering College (Deemed to be University) Chandigarh which shall remain valid for a period of 45 days beyond final 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 countersigned 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 afterwards 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 fixed deposit receipt/ Bank Guarantee from any Commercial bank in favor of Director, Punjab Engineering College (Deemed to be University), Chandigarh, which shall remain valid for a period of 60 days beyond warranty period 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 (Deemed to be University), as per schedule given in tender notice in the Office, Computer Center, Punjab Engineering College (Deemed to be University), 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 (Deemed to be University), 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/items) to Punjab Engineering College (Deemed to be University), 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 (Deemed to be University), 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 (Deemed to be University), 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 PUNJAB ENGINEERING COLLEGE.

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

ANNEXURE-2.2

(To be furnished on non-judicial stamp paper duly attested by the 1stClass 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 hereby 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 shareholder 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: _____

**SECTION III
“TECHNICAL BID”**

PRE-QUALIFYING CRITERIA

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/ Mob. 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 must have experience of supplying similar equipment in last three financial years (2014-15, 2015-16 and 2016-17)
4. Bidder should have minimum turnover of Rs.15 Lakhs in each of the last three financial years i.e. 2014-15, 2015-16 and 2016-17. Copies of audited financial statements should be attached.
5. Self-attested copies of PAN/TAN Card/GST No.
6. Certificate of acceptance of terms & condition mentioned in Section II and Section V of tender document.
7. Manufacturer’s authorization certificate.
8. Registration Certificate of the micro/small/medium enterprises, company issued by the competent authority.
9. Affidavit of not being black listed (Affidavit as per **Annexure 2.2 of SECTION II**)
10. Covering letter (**Annexure 2.1 of SECTION II**)
11. List of user customers of said equipment(s).
12. Proof of supplying similar equipment in teaching & research institutes, industrial organizations etc.

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

TABLE 3: TECHNICAL SPECIFICATIONS AND DETAILS**(1) Welding Simulator**

Sl. No.	Specifications	Quantity (no)	EMD
1	SMAW, GMAW & TIG applications	1 (ONE)	Rs. 28,000/-
2	Tacking Training		
3	Position, Speed, Angle Measurement		
4	Weld Analysis on Gaps, Shape & Size of Weld Bead, Spatters, Porosity, Penetration		
5	Live instant correct feedback system		
6	Metal thickness up to 5mm		
7	In-built intelligence to prevent welding at wrong positions		
8	Standard welding positions		
9	Power Source Selection		
10	Overhead welding positions 4G and 4F		
11	Lap joints, Butt joints and Bead-on-plate		
12	Height Adjustment Stand with Tilt Option for 1G-3F		
13	Multi-pass Plate Welding and DT (Cross-sectional view)		
14	Wi-Fi Connectivity		
15	Training reports		
16	UPS power back-up (2 hours)		

Other Conditions:

1. With all the required consumables and accessories
2. Warranty for 2 years
3. Training should be provided for at least 3 days

(2) Magnetic Particle Inspection machine

Sl. No.	Item	Specifications	Quantity (no)	EMD
1	Horizontal bench type	Two vector machine	1 (ONE)	Rs. 16,000
2	Field generator	Circular and Longitudinal magnetic field		
3	Capacity of machine	1000 A (minimum)		
4	Maximum diameter	75mm		
5	Headshot Current (Amp.)	1450 A (minimum)		
6	Coil capacity (KAT)	5.5 (minimum)		
7	Width of Test Bench	600 mm (minimum)		
8	Height of Test Bench	1350 mm (minimum)		
9	Job Clamping Centre Height	1050-1150 mm		
10	Coil Inside Diameter	300 mm		
11	Structure	Sheet metal with powder coated finish		
12	Tailstock movement	Continuous, Manual with Cam lock		
13	Over current/shot circuit	MCB		
14	Transformer Overheating	Temperature Sensor		
15	Overall	Emergency Stop Switch		
16	Shot time	Adjustable form 0.5 s to 1.5 s		
17	Current Failure Indicator			
18	Secondary current control to reduce line harmonics			
19	500 gm oil based magnetic fluorescent powder for running the instrument			

Other Conditions:

1. With all the required consumables and accessories
2. Warranty for 2 years
3. Training should be provided for at least 3 days

(3) Product Name: Surface Grinding Machine (Horizontal spindle)

Sl. No.	Item	Specifications	Quantity (no)	EMD
1	Type	Hydraulically operated, wheel head	1 (ONE)	Rs. 10,000
2	Work Table Size:	450 X 150 mm		
3	Spindle Motor Capacity	Minimum 0.75 KW		
4	Vertical Traverse length	Minimum 280 mm		
5	Grinding Wheel Size	Minimum 178 x 13 x 31.75 mm		
6	Spindle Speed:	2800 RPM		
7	Electric Equipment:	Minimum: 400/440 Volts, 3 Phase, 50 Cycles		
8	Electric pump and coolant piping	Fitted with machine		
9	Lighting equipment with lamp	Fitted on machine		
10	Electric equipment (3 Phase, 50 cycles)	Compatible and fitted with machine		
11	Wheel Flange and wheel flange extractor nut.	Appropriate size, 1 number each.		
12	Wheel Flange extractor screw and Wheel flange key.	Appropriate size, 1 number each.		
13	Belt for wheel head	Appropriate		
14	Disc Wheel	180x13x31.75 bore		
15	Diamond holder & diamond for magnetic chuck	Appropriate size, 1 number each.		
16	Balancing mandrel	Appropriate size.		
17	Tommy Bar	Appropriate		
18	Allen keys set	(2 - 8 mm)		
19	Double ended spanner	Size: 12-13		
20	Lubrication	Greece packed for life		

(4)Product Name: Honing Machine (Vertical Spindle)

Sl. No.	Item	Specifications	Quantity (no)	EMD
1	Connected HP (Power):	Minimum 2 HP	1 (ONE)	Rs.10,000/-
2	Honing Length Capacity:	Minimum 300 mm		
3	Honing Speed:	0-160 RPM (Step-less)		
4	Adjustable Honing head:	70-120 mm		
5	Honing diameter Range:	40-100 mm		
6	Maximum Cylinder block length:	1000 mm		
7	Counter Meter	Compatible to be provided		
8	Load meter to be provided	Required/ Compatible		
9	Machine should be equipped with inbuilt coolant/ oil system	Required/ Compatible		
10	Machine to be supplied with at-least 3 standard honing mandrels	(Diameter: In-between 50-200 mm size)		
11	1 set Honing Stones/ Tools to be provided as spares	Standard/ Compatible		

(5) Product Name: Vacuum Casting Machine

S. No.	Item	Specifications	Quantity	EMD
1	Mode of operation	Should be capable of Semi-Automatic & Automatic with mandatory independent manual mode operation option. It must be a PLC controlled based system. The quoted machine should have option of Wax pouring, plastic pouring & Silicone pouring.	1 (ONE)	Rs. 70,000
2	Power requirement	Rating suitable for Indian system		
3	Maximum mould box size to be used for casting	440x420x480 mm - Machine must have internal dimensions adequate to accommodate the above mould size		
4	Machine External dimension	Compact		
5	Temperature control accuracy of heated cup	± 5 degree centigrade (with temperature setting, measurement and display facility) Heated cup is preferred to be a part of equipment		
6	Stirrer	Machine must be equipped with stirrer of adequate design and strength to mix at least 1 litre of resin/wax in heated cup. RPM of stirrer : 100 max and with control		
7	Pouring mechanism	Through controlled tilting mechanism		
8	Ultimate vacuum	0.5 mbar minimum or better. Machine shall have digital (preferred) vacuum level indicator. Arrangement for creating variable vacuum between heating/material mixing and casting chamber is preferred.		
9	Vacuum Pump capacity	Rated vacuum level for the chamber size shall be attained within 15 minutes. Pump should be mounted on vibration isolators to minimize/eliminate vibrations in the pouring/casting chamber		
10	Variable Vacuum	Should have the capability to create differential vacuum in top chamber & bottom chamber.		
11	Construction of Heating/Vacuum Chamber	Durable/corrosion resistant chamber inside well-polished and well illuminated		
12	mould height adjustor	Essential, adjustment facility to full range of pouring chamber is preferred.		

Table 5 continued

13	View Window	Mandatory for mixing & casting chamber (either continuous or split) with 400 x 400 mm each for split window		
14	Heavy Duty Construction	Mandatory		
15	Circuit diagrams	Party shall enclose full circuit diagrams along with the machine		
16	Schematic/functional drawing of machine	shall be enclosed with quotation		
17	Mandatory and optional accessories	Party shall separately quote for mandatory and optional accessories for basic operations of the vacuum casting machine along with the offer. Durability of such accessories shall be mentioned.		
18	Mandatory and optional spares	Party shall separately quote for mandatory (for periodic compulsory change) and optional spares with consumption rate as per replacement frequency to prevent breakdown of machine for 5 years.		

(6) Product Name: Machine Tool Dynamometer

Sl. No.	Item	Specifications	Quantity (no)	EMD
1	Type	Strain gauge operated	1 (ONE)	Rs. 24,000
2	Display	Digital reading		
3	Process	Lathe, Milling, Drilling with CNC supported		
4	Power requirement	220V, 1 phase , 50 Hz		
5	Forces	In all three directions (5-8 KN)		
6	Torque	In all three directions, displacements measuring sensors		
7	Data recording	Should be available		
8	Data printing	Should be available		
9	Signal conditioner	GPDS high speed card		
10	Software	Software exclusively designed and developed for measuring the force in X, Y and Z direction. Display of following parameters <ol style="list-style-type: none"> 1. Digital display of forces 2. Graphical display of forces w. r. t. time 3. Component number, type, date, time. 4. Data recording, printing, transfer to MS Excel 5. Real time video imaging system 6. Buffer size: 100 KB 7. Update time: 0.1 second 8. Sampling rate 9. DAQ speed 10 MHz 		
11	Computer Interfacing Card	GPDS high speed card		
12	Computer	PC with 19" TFT		
13	Wear	Flank wear progress through video		
14	Linearity	$\pm 0.5\%$ of full scale		
15	Accuracy	$\pm 0.5\%$ of full scale		
16	Additional Facility	Self centering Vice, required cables		

**Punjab Engineering College (Deemed to be University),
CHANDIGARH**

SECTION IV, FINANCIAL BID

SECOND COVER TITLED AS “FINANCIAL BID” CONSIST OF

Financial (Price) Bid for Purchase of Equipment listed in table1of section II to be delivered by the bidder in the Department of Production and Industrial Engineering, Punjab Engineering College (Deemed to be University), 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 Punjab Engineering College, 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
(DEEMED TO BE UNIVERSITY), 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 Punjab Engineering College in writing or by email or fax or telephone/mobile at the Punjab Engineering College's mailing address indicated in the Invitation for bids. The Punjab Engineering College will respond in writing to any request for clarification of the bidding documents which it receives for submission of bids prescribed by the Punjab Engineering College (Deemed to be University).

2. Amendment of Bidding Documents

At any time prior to the deadline for submission of bids Punjab Engineering College 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 Punjab Engineering College, 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 Punjab Engineering College 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 Punjab Engineering College. A bid valid for a shorter period shall be rejected by the Punjab Engineering College as non-responsive.

5. Opening of Bids by the Punjab Engineering College

The Punjab Engineering College will open the technical bids in the presence of bidders' representatives who choose to attend on 23.01.2018 at 1100 hrs (11.00AM) and in the following location:

Office,
Computer Center,
Punjab Engineering College (Deemed to be University),
Sector 12, 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:
- On Final Acceptance, 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 Punjab Engineering College 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 Punjab Engineering College.
- 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 equipments 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 favor of Director Punjab Engineering College (Deemed to be University), 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 (Deemed to be University) , 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 "Punjab Engineering College", 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 various equipment 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 PUNJAB ENGINEERING COLLEGE 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 Punjab Engineering College. 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 (Deemed to be University) reserves to himself the right to reject any or all tenders without assigning any reasons.
- The firm who has been black listed by Centre/State Govt./UT/Boards/Corporations/ any government authority/Punjab Engineering College (Deemed to be University) is

not eligible for the Tender.

- **All rates should be quoted FOR Punjab Engineering College (Deemed to be University), 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 vendor to Punjab Engineering College (Deemed to be University) , 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
(Deemed to be University), Sector-12, Chandigarh-
160012

Dear Sir,

Sub: _____

1. You, on behalf of President of India, have entered into a contract with reference No. _____ with _____ (here with after referred to "as the contractor/supplier") for the development, fabrication and supply of (here in 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 contractor any sum upto 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. Notwithstanding anything here in 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 afore 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. Notwithstanding 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.....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