EXPLORE INNOVATE EXCEL

PEC University of Technology, Chandigarh

To

Memo No./

Dated

Subject: Quotations for purchase of Cold Chamber Die Casting Machine

Quotations are hereby invited in respect of the items mentioned below. The quotations should be sent directly on the address mentioned in row 9 of check list, in the sealed cover with wax/transparent fixing tape duly signed in ink underneath in respect of 'item "Cold Chamber Die Casting Machine" with specifications (mentioned in section V) and due date on the top of the envelope is also required to be mentioned so as to reach this office on or before 28th October 2015.

These will be opened on 29th October 2015 at 4:00 PM (in the Office of HOD, Production & Industrial Engineering Department) by the committee members in the presence of the tenderer or their representative, who may like to be present. The right of acceptance or rejection of any quotation without assigning any reason is reserved. Necessary literature of the equipment may please be sent. Please quote for F.O.R. Chandigarh/Destination.

The quotations should be accompanied by earnest money (as mentioned in Section-III) in shape of Bank Draft in name of Director, PEC University of Technology, Chandigarh and terms & conditions duly signed by bidder.

Note:- The complete tender document may be downloaded from the Institute website i.e. www.pec.ac.in.

CHECKLIST FOR TENDER DOCUMENT

Sr.No	Checklist	Tick (Yes/No))
1.	Have you enclosed EMD Demand Draft separately for each item quoted	Yes/No
2.	Have you made three separate envelopes named Technical Bid, Financial Bid & Earnest Money	Yes/No
3.	Have you put the envelopes mentioned in Sr. No 2 (above), in a single envelope and named "Tender for Purcl 'Cold Chamber Die Casting Machine" under RIPA Scheme"	Yes/No
4.	Have you sealed all the above mentioned envelopes Properly	Yes/No
5.	Have you signed the terms and conditions mentioned in Section-VI and enclosed with technical bid.	Yes/No
6.	Have you enclosed the technical compliance chart for the items quoted as mentioned in Section-VII.	Yes/No
7.	Have you mentioned your address on the envelope mentioned in Sr. No 3 (above)	Yes/No
8.	Have you attached the list of the users of quoted model from reputed organizations like Govt. Engg. Instit Manufacturing Industries etc (as mentioned in S.No 32 of Section-VI terms and conditions)	Yes/No
9.	Have you written the following address on the envelope mentioned in Sr. No 3 (above)	Yes/No
10.	Do you agree to provide delivery within 8 weeks, in view of condition No. 5 of Section-VI?	Yes/No
11.	Do you agree that no advance payment will be made by the PEC University of Technology in view of condi 12 of Section-VI?	Yes/No
12.	Do you agree to provide the item FOR PEC University of Technology, Sector- 12, Chandigarh?	Yes/No
13.	Do you agree to provide 03 months validity of tender as per condition No. 33 of Section-VI?	Yes/No
14.	Have you submitted the rates only in Financial bid ?	Yes/No
15.	Have you submitted offer with 18 months warranty after installation at Site (PEC University of Technol andigarh).	Yes/No

SECTION-I

1. Invitation for Bids

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. Sealed offer should be submitted to **HOD, Production & Industrial Engineering Department, PEC University of Technology, Sector 12, Chandigarh**, not later than the date and time laid down, at the address given in the schedule for invitation to Tender under Clause 9 (A) of Section I.

3. All bids must be accompanied by a refundable earnest money/bid security (as mentioned in Section-III) in the form of Bank Draft / Bankers Cheque drawn from a scheduled bank in favour of the Director, PEC University of Technology, Chandigarh, payable at Chandigarh.

4. This tender document is not transferable. The categories of items and quantity indicated in the Tender Document are tentative, PEC reserves the right to increase or decrease the quantity or delete some or all of the items depending on the needs of the Department/ University without assigning any reasons.

5. The tenderer should indicate specifically the Basic Price, Taxes/Excise duty, other duties (if any), and levies chargeable. No additional information will be entertained after due date.

6. The tenderers should give their quote in any currency keeping in mind that our institute (i.e. PEC University of Technology) is exempted from the payment of custom and excise duty. If foreign make equipment is quoted in Indian currency, no sales tax will be payable. Only custom duty exemption certificate will be issued.

7. The tenders will be opened on the date and time indicated in the presence of tenderers, if any, present on the occasion. If the date of opening/receiving is declared to be a holiday the tenders will be opened/received on the next working day at the same time.

8. Payment of bill will be made on receipt of material as per purchase order through crossed account payee Cheque.

9. Schedule for Invitation to Tender

A) Address at which tender is to be submitted:

Head
Production & Industrial Engineering Department
PEC University of Technology Chandigarh
Sector 12, Chandigarh

B) Date and time for receipt of Tender: 10 August, 2015 at 5:00 PM

C) Date, time and place of opening of technical bid of the tender document:-

Date:
Time:
Place: HOD, Production & Industrial Engineering Department
PEC University of Technology, Sector 12, Chandigarh

The date of opening of the financial bid will be informed only to the technically successful bidders later on.

D) Date till which the tender is valid: 03 months from the opening of tender.

PEC University of Technology shall not be responsible for any postal delay about non receipt/non-delivery of the documents.

SECTION – II

Procedure for submission of Bids

It is proposed to have Two Bid System for this tender.

(i) Technical Bid in one cover

(ii) Financial Bid in one cover

1. Technical Bid would be evaluated as per tender's terms and conditions. Technical bid should be covered in a separate sealed cover super scribing the words "Technical Bid as per Section-V".
2. Financial Bid should be submitted as per prescribed format laid down in Section-IV. The financial bid should be covered in a separate sealed cover super scribing the wordings "Financial Bid as per Section-IV" indicating item wise prices.
3. The Earnest Money/bid security (as mentioned in Section-III) is to be paid by the Demand Draft, the draft should be in a separate sealed envelope indicating the amount, tender Notice Number and due date and enclosed with the technical bid.
4. All the documents viz. Technical Bid cover, Financial Bid cover and Earnest money cover prepared as above are to be kept in a single cover super scribed with "Tender for Purchase of "Cold Chamber Die Casting Machine" under RIPA Scheme".
5. The cover thus prepared should also indicate clearly the name and address of the tenderer to enable the Bid to be returned unopened in case it is declared "late".

1. Cost of Tender

The tenderer shall bear all costs associated with the preparation and submission of its Bid, including the cost of presentation for the purpose of clarification of the bid, if so desired by the client and the client will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the Tendering Process.

2. Clarification of Tender Document

A prospective tenderer requiring any clarification of the Tender Document may notify the client in writing at the Client's mailing address indicated in Clause 9 (A) of Section I. The Client will respond in writing to any request for clarification of the Tender Document, received not later than 07 working days prior to the last date for the receipt of bids prescribed by the Client.

3. Amendment of Tender Document

3.1 At any time prior to the last date for receipt of bids, the client may for any reason, whether at its own initiative or in response to a clarification requested by a prospective Tenderer, modify the Tender Document by an amendment.

3.2 The amendment will be notified on the website of the university www.pec.ac.in.

In order to afford prospective Tenderers reasonable time in which to take the amendment into account in preparing their bids, the Client may, at its discretion, extend the last date for the receipt of the Bids.

4. Language of Bids

The bids prepared by the tenderer and all correspondence and documents relating to the bids exchanged by the tenderer and the Client, shall be written in English language, provided that any printed literature furnished by the Tenderer may be written in another language so long as accompanied by an English translation in which case, for purposes of interpretation of the bid, the English translation shall govern.

5. Documents comprising the Bids

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

I. Bid to be furnished as per the format for technical specifications (Section V).
II. Technical literature for each product/service, covering full technical specifications.
III. Bid prices should be quoted item wise excluding taxes duly signed and complete as per the format (Section IV).
IV. Maximum educational discount as could be offered should be mentioned.

SECTION-III

TECHNICAL SPECIFICATIONS OF EQUIPMENT

Sr. No.	Name of Item	Quantity	EMD (Rs)
1	**Cold chamber die casting machine with following specifications:** Anti- Locking Force 80Tonnes Size of the Die Plates (500-550) x (500-550) mm Space Between Tie Bars 350 x 350 mm Die opening stroke 300-350 mm Tie Bar Diameter (55-65) mm Max. Die Thickness 300-400 mm Min Die Thickness 100-150 mm Injection Force-adjustable (with Intensifier) (11-12) Tonnes Ejection Force 4 Tonnes Ejector Stroke 50-60 mm Motor 7.5 K.W. Injection Plunger Stroke 200-250 mm Capacity of oil tank 300 litres **STANDARD ACCESSORIES** 1) Double pump directly coupled to 3-phase electric motor 7.5 K.W. Built-in motor switch with thermal overload relay. 2) Complete hydraulic system with independent regulation for speeds and pressure of closing, injection and ejector unit. 3) Gas cylinder for nitrogen (empty) including flying piston type accumulator 4) Oil tank formed by machine base, capacity 300 liters, (empty), including oil level gauge and temperature gauge. 5) Built-in oil cooler for cooling of hydraulic oil. 6) Complete cold chamber injection end with horizontal injection cylinder and Direct Injection system, including slow initial phase, fast injection phase and final squeezing phase with intensified pressure. 7) Hydraulic height adjustment device to adjust injection cylinder to centre and off-centre injection position with position mechanical stop. 8) Manually operated locking wedge for each tie bar nut on rear platen for quick adjustment of toggle mechanism for new die height. 9) Hydraulic ejector including ejection table and speed control valve.	01	

Note:- All the components of equipment should be ISI Marked/good quality wherever applicable.

The EMD should be submitted for equipment mentioned above of Rs 20000/

Warranty: - The supplier must warrant that the goods supplied under the contract are new, unused and the item being supplied has incorporated all recent improvements in design, materials as per specifications in this tender document. All Vendors (Manufacturers / Agents) must submit offers with 18 months warranty after installation at Site (PEC University of Technology, Chandigarh).

SECTION IV

Financial Bid

Rates should be submitted in the following format in Lump Sum for the mentioned equipment

Sr. No.	Name of Item Duties, Total Cost in lump sum FOR PEC	Basic Price In Lump Sum	Duties, Sales or Service Taxes etc	Total Cost FOR PEC (Inclusive of service, Sales Tax etc.) Shipment cost if any
	Cold chamber die casting machine with following specifications:			
1	Anti- Locking Force 80Tonnes Size of the Die Plates (500-550) mm Space Between Tie Bars 350 x 350 mm Die opening stroke 300-350 mm Tie Bar Diameter (55-65) mm Max. Die Thickness 300-400 mm Min Die Thickness 100-150 mm Injection Force-adjustable (with Intensifier) (11-12) Tonnes Ejection Force 4 Tonnes Ejector Stroke 50-60 mm Motor 7.5 K.W. Injection Plunger Stroke 200-250 mm Capacity of oil tank 300ltr. approx. **STANDARD ACCESSORIES** 1) Double pump directly coupled to 3-phase electric motor 7.5 K.W. Built-in motor tch with thermal overload relay. 2) Complete hydraulic system with independent regulation for speeds and pressure closing, injection and ejector unit. 3) Gas cylinder for nitrogen (empty) including flying piston type accumulator 4) Oil tank formed by machine base, capacity 300 liters, (empty), including oil leve ge and temperature gauge. 5) Built-in oil cooler for cooling of hydraulic oil. 6) Complete cold chamber injection end with horizontal injection cylinder and Dire ection system, including slow initial phase, fast injection phase and final squeezing se with intensified pressure. 7) Hydraulic height adjustment device to adjust injection cylinder to centre and off- tre injection position with position mechanical stop. 8) Manually operated locking wedge for each tie bar nut on rear platen for quick adjustment of toggle mechanism for new die height. 9) Hydraulic ejector including ejection table and speed control valve.			

Rate should be FOR PEC

Name & Signature of Bidder

SECTION – V

Detailed Specification of Cold chamber die casting machine

Sr. No.	Cold chamber die casting machine with following specifications:
1	Anti- Locking Force 80Tonnes Size of the Die Plates (500-550) mm Space Between Tie Bars 350 x 350 mm Die opening stroke 300-350 mm Tie Bar Diameter (55-65) mm Max. Die Thickness 300-400 mm Min Die Thickness 100-150 mm Injection Force-adjustable (with Intensifier) 11.5 Tonnes Ejection Force 4 Tonnes Ejector Stroke 50-60 mm Motor 7.5 K.W. Injection Plunger Stroke 200-250 mm Capacity of oil tank 300ltr. approx. **STANDARD ACCESSORIES** 1) Double pump directly coupled to 3-phase electric motor 7.5 K.W. Built-in motor switch with thermal overload relay. 2) Complete hydraulic system with independent regulation for speeds and pressure of closing, injection and ejector unit. 3) Gas cylinder for nitrogen (empty) including flying piston type accumulator 4) Oil tank formed by machine base, capacity 300 liters, (empty), including oil level gauge and temperature gauge. 5) Built-in oil cooler for cooling of hydraulic oil. 6) Complete cold chamber injection end with horizontal injection cylinder and Direct Injection system, including slow initial phase, fast injection phase and final squeezing phase with intensified pressure. 7) Hydraulic height adjustment device to adjust injection cylinder to centre and off-centre injection position with position mechanical stop. 8) Manually operated locking wedge for each tie bar nut on rear platen for quick adjustment of toggle mechanism for new die height. 9) Hydraulic ejector including ejection table and speed control valve.

SECTION-VI

TERMS & CONDITIONS

1. An EMD/ bid security of equipments should be submitted along with the quotation for item in form of DD in favour of Director PEC University of Technology, Chandigarh. Supplier registered with DGS&D and NSIC are exempted from Bid Security. Tender without earnest money shall be considered unresponsive and rejected.

2. A Performance security of 10% of the cost of the equipment will have to be deposited by the successful bidder awarded the supply order in form of A/c payee DD or Bank Guarantee from a commercial bank which should be valid for 60 days beyond the completion of warranty.

3. Performance Security will be forfeited and credited to the institute in the event the supplier does not honor the warranty and other terms and conditions of the tender.

4. It may please be specified if the packing, insurance and sales Tax/Excise Duty etc. will be inclusive or extra of the prices quoted.

5. Please quote delivery period also. It should be less than 8 weeks from the date of supply order.

6. Catalogue should be sent along with supply.

7. Materials should confirm to safety specifications as mentioned in "section V" for various items.

8. Only best quality should be quoted. The quotation for advance payment will not be accepted.

9. All legal disputes will be subject to Chandigarh Jurisdiction and will be interpreted under Indian Laws.

10. The Director PEC University of Technology reserves to himself the right to reject any or all quotations without assigning any reasons.

11. 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 quote.

12. No advance payment will be made. Payment will be released after satisfactory receipt of goods/ material, demonstration/ installation.

13. The penalty will be charged @ 0.5% per week after the expiry of delivery period, mentioned in the purchase order.

14. All the rates will be FOR, PEC University of Technology, Chandigarh.

15. The institute being a premier Education and Research Institute funded by Chandigarh Administration, discounts as applicable to Research Institute/Educational Institutes may be provided in the quotation.

16. The bidders shall not be allowed to change, alter or modify the bids after expiry of the deadlines for the receipts of bids.

17. 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.

18. In a tender, either Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same tender for the same item/ product.

19. If an agent bids on behalf of the Principal/OEM, the same agent shall not bid on behalf of another Principal/OEM in the same tender for the same item/ product.

20. Bidder is not permitted to alter/modify their bids after the expiry of the deadline for receipt of the bid.

21. Situation in which bid security will stand forfeited is if a bidder withdraws its bid during the period of bid validity specified by the bidder on 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.

22. Bids received after the due date will not be considered.

23. 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.

24. Form D will not be issued.

25. If price is quoted in foreign currency, the rupee equivalent price must also be indicated.

26. In case, any free gift scheme / cash scheme is launched by the company same will be offered by the vender to PEC free of cost.

27. 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.

28. The agency shall arrange to provide demo to the concerned lab staff regarding operation / maintenance of equipment free of cost.

29. The institute has been exempted from custom duty in terms of Government Notification No. 51/96-Customs Dated 23 July 1996 and Central Excise duty in terms of Government Notification No. 10/97-Customs Dated 01 March 1997 as amended from time to time.

30. Warranty period Should be of eighteen months of the equipment after installation /Demonstration in the department

31. 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.

32. The quoted model must have been supplied to reputed organizations like Govt. Engg. Institutes and Manufacturing Industries etc. List of users of the quoted model in India along with their names, telephone numbers and email addresses should be sent along with the quotation.

33. Tender validity should be 03 months from the opening of tender.

All the terms and conditions of this tender document are accepted to me/us

Name & Signature of Bidder

SECTION – VII

Format for Technical Compliance

Sr. No.	Name of Item	Specifications	Qty	Compliance (Yes/No)	Deviation
1	**Cold chamber die casting machine with following specifications:** Anti- Locking Force 80Tonnes Size of the Die Plates (500-550) mm Space Between Tie Bars 350 x 350 mm Die opening stroke 300-350 mm Tie Bar Diameter (55-65) mm Max. Die Thickness 300-400 mm Min Die Thickness 100-150 mm Injection Force-adjustable (with Intensifier) (11-12) Tonnes Ejection Force 4 Tonnes Ejector Stroke 50-60 mm Motor 7.5 K.W. Injection Plunger Stroke 200-250 mm Capacity of oil tank 300 ltr. approx. **STANDARD ACCESSORIES** 1) Double pump directly coupled to 3-phase electric motor 7.5 K.W. Built tor switch with thermal overload relay. 2) Complete hydraulic system with independent regulation for speeds and ssure of closing, injection and ejector unit. 3) Gas cylinder for nitrogen (empty) including flying piston type accumul 4) Oil tank formed by machine base, capacity 300 liters, (empty), includin level gauge and temperature gauge. 5) Built-in oil cooler for cooling of hydraulic oil. 6) Complete cold chamber injection end with horizontal injection cylinder Direct Injection system, including slow initial phase, fast injection phase l squeezing phase with intensified pressure. 7) Hydraulic height adjustment device to adjust injection cylinder to centr off-centre injection position with position mechanical stop. 8) Manually operated locking wedge for each tie bar nut on rear platen for ck adjustment of toggle mechanism for new die height. 9) Hydraulic ejector including ejection table and speed control valve.	As Mentioned in Section-V			

Name & Signature of the Bidder