



Ref. No: NITJ/Pur-IV/2017/ME/72

Date:

**NOTICE INVITING QUOTATION**

Sealed quotations are invited on behalf of Director, NIT, Jalandhar for the **Supply of Plate Heat Exchanger-qty-02nos.** required for **Mechanical Engineering Department under SERB Project** of the Institute.

Please send your offers super scribing

- (i) **““Quotation for Plate Heat Exchanger – 02nos.**
- (ii) **Reference of this letter/ NIQ No.**
- (iii) **Opening date of quotation on the cover of the envelope.**

Last date of receipt of quotation	26.04.2018 at 3:00 pm
Opening of quotation	26.04.2018 at 3:30 pm

Quotations should reach at following address before the last date of receipt and time.

***Kind Attention: Purchase Section, (Quotation)***

***Director***

***Dr. B.R. Ambedkar National Institute of  
Technology, Jalandhar GT Road, By Pass,  
Jalandhar-144001***

The quotations will be opened by the committee duly constituted for the purpose on due date and time in the presence of the quotes, whom so ever may wish to be present.

**Detailed Instructions are as under:-**

1. All the quotations/enquiries should be addressed to the Director, Dr B R Ambedkar National Institute of Technology, Jalandhar.
2. In case of non –compliance of instructions and all the terms & conditions, the offer will not be considered.
3. The institute being an Educational Institution, a special rebate/discount may be allowed.
4. Quotations without GST number will not be invalid.
5. All corrigenda, addenda, amendments and clarifications to Notice Inviting Quotation will be hosted in the website [www.nitj.ac.in](http://www.nitj.ac.in). Quotee shall keep themselves updated with all such developments. Terms & Conditions, Specifications as per Annexure I & II and can be downloaded from website.



**Dr B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY**

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

Tel: 0181-2690301-2690453 website [www.nitj.ac.in](http://www.nitj.ac.in)

6. In case the last date of receipt/ opening of Quotation fall on holiday, the quotations shall be opened on the next working day at same time.
7. The Quotation should be neatly typed or written. No cutting/overwriting may be made in the quotations. Any deviation in the offer shall lead to rejection.
8. Quotation(s) received beyond last date of offer submission will be rejected. No offer will be entertained by Email/FAX.
9. **Supplier must mention Full address with Telephone No., Fax No. & E mail on their envelop also.**

Name, complete address of the bidder/Quotee with telephone No., Fax No. & Email.

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**The quotation must be quoted duly typed on the letter Head of the supplier manufacturer duly mentioned full address, GST No. PAN No. and must be mentioned in sealed cover which should be super-scribed as Quotation for \_\_\_\_\_ Quotation No. NITJ/Pur/\_\_\_\_\_.**

**Read and Accepted**

**Signature of the Quotee  
With Stamp**



**Annexure-I**

**TERMS & CONDITIONS**

1. Rate should be quoted in Indian Rupees only.
2. Rate should be quoted F.O.R NIT Jalandhar.
3. Quote Taxes Extra otherwise it will be assumed inclusive of taxes.
4. Quotee should be authorized dealer/exclusive Agent/ Supplier of the required brand/ requisite Item (In case where Make, Model mentioned). The supplier shall quote rates strictly for brand/make mentioned by institute in the quotation. However, where there is no mention of make/model, the supplier may quote their brand as per institute's required specification (if mentioned). If supplier change the specification or make /model at their own level the bid will be liable to be rejected.
5. **Warranty period:** If applicable should be quoted.
6. **Payment:** 100% payment will be released against physical delivery and Inspection of the material in the Institute. In case of equipment /Instruments, 90% payment will be released against physical delivery and inspection/installation of the material in the Institute balance 10% payment will be released within 20 days from the date of satisfactory installation report.
7. **Validity:** All quotations will be valid for at least 30 days excluding the date of opening.
8. **Delivery:** Date of delivery must be mentioned.
9. The quantity may vary as per requirement.
10. **Penalty:** Director, NIT Jalandhar has the power to impose penalty 0.5% per week of the value of the order on account of delay in supply, if the supply is not executed within the stipulated/extended period.
11. **MRP rates must be mentioned in quotation (where applicable).**
12. The supplier cannot be charge rates more than MRP. If the rates found charged more than MRP rates at any stage, the excess charged amount will be deducted out of their payment.

**Read and Accepted**

**Signature of the Quotee  
With Stamp**



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13. The make/model and country of origin must be specified. Detailed Warranty period of the equipment clearly mentioned. The after sales service policy on expiry of warranty may also be clarified and address of the sales service centre be intimated (where applicable).
14. In case of Equipment /Lab Instruments Catalogue – Leaflets must be attached.
15. **Requirement of Sample:** if required, the sample of the goods required to be provided in the Institute within stipulated date.
16. The Director may accept a quotation in part of whole of the quantity offered, reject any quotation without assigning any reasons, may not accept the lowest or any doubt dispute or whatever may be the decision of the Director shall be final in this regard.
17. If there is any dispute/doubt, the decision of the Director, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar shall be final. All disputes are subject to Jalandhar Jurisdiction only.

**ACCEPTANCE**

I/we \_\_\_\_\_ accept the above said detailed/ Instructions, Terms & Conditions, Specification of Required Item / Equipment and shall comply with them strictly. Further, I declared that undersigned/ Firm/Company/Agency has not been blacklisted or debarred in the past by Union/State Govt. or any organization from taking part in Govt. Tender in India. In case above information found false I/we are fully aware that the quotation will be rejected / cancelled.

Name of Bidder \_\_\_\_\_

Signature

Address \_\_\_\_\_

Seal of Firm

\_\_\_\_\_

Date:

\_\_\_\_\_

**The copy of the above NIQ document duly signed stamped must enclosed with your quotation.**

**Read and Accepted**

**Signature of the Quotee  
With Stamp**



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**Specifications of Plate Heat Exchanger:-**

**Technical Specifications of Plate Heat Exchanger**

**Type:** Brazed Plate Heat Exchanger

**Application:** Condenser

Parameters	Hot Fluid	Cold Fluid
Name of the Fluid	R410A	Water
Mass flow rate	89.33 Kg/hr	858.4 Kg/hr
Inlet Temperature	80 °C	15 °C
Dew P.	60 °C	----
Outlet Temperature (vapour/liquid)	59.8/45.7 °C	20 °C
Heat exchanged	5 kW	
Operating Pressure (in/out)	38.2/38.2 Bar	
Permissible Pressure Drop	0.102 kPa	13.7 kPa
Relative directions of fluids	Countercurrent	
Number of the PHE's Required	2	
Number of passes	1	1
Material plate / brazing	Alloy 316 / Cu	
Design pressure	45 Bar	45 Bar
Design temperature	-160.0/150.0 °C	
Remarks:	<p>a) All including components are made in acid proof stainless steel material and brazed using 100% copper filler material.</p> <p>b) Unit to be manufactured according to European Directive 97/23/EC, AFS 1999:4, and therefore pressure tested with air and leakage tested with helium.</p>	

(Dr. Rajeev Kukreja)