



Enquiry No – CE/TE/04/2016-17

Date: 10/03/2014

Sub: Call for quotation for supply and installation of **Humidity chamber** equipment

Dear Sir,

Sealed quotations are invited from authorized suppliers for the item with specifications given below before 20/3/2017. The quotation should contain detailed technical specifications of the product being offered. The quotation should include detailed price quote, including the cost of the equipment, taxes, service charges, shipping and handling charges, if any. Our organization is an educational institute of repute and liable to get maximum *education discount* from manufacturer. Please specify it, separately.

TECHNICAL SPECIFICATION FOR HUMIDITY CHAMBER

1. Internal Volume : 1000 Litres
2. Internal Dimensions W x D x H (mm) : 800 x 800 x 1580 (mm)
3. Number of shelves (minimum) : Fabricated loading trays 5 nos and arrangement for holding loading trays. Each loading tray should be capable of supporting a minimum load of 75 kg.
4. Electricity : 220 to 240 volts, 50 Hz, single or 3 phase
5. Safety features : Master control (emergency stop switch), compatible voltage stabilizer, temperature guard, door lock etc.
6. Temperature
 - a. Range : 10°C to 60°C (required range). Capability to perform outside of the required range and accessories required for that should be quoted separately
 - b. Accuracy (minimum) : $\pm 1^\circ\text{C}$ or less
7. Humidity (RH)
 - a. Range (minimum required) : 40% to 95%
 - b. Accuracy : $\pm 3\%$ or less
8. Visual display : LCD display of equipment settings
: Humidity and temperature probes for direct measurement should also be included
9. Warning alarms : Visual and/or audio alarm should be available for power failure, door opening, temperature and humidity variations
10. Internal lighting : As appropriate
11. Equipment body : Stainless steel on the inside
: Corrosion resistant Powder coated steel on the outside

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| 12. Insulation | : State of the art |
| 13. Noise level | : 65 db or less |
| 14. Training | : Should be responsibility of the supplier |
| 15. Installation | : All accessories required for setting up and making the equipment functional (pressure tubing's, humidity water storage tanks and auto water refill system, etc.) including installation and assembly are the responsibility of the supplier |

Kindly arrange to send the sealed quotation(s) to the following address: Syam Nair, Transportation Engineering Laboratory, Department of Civil Engineering, IIT Kanpur, 208016 by **20-03-2017 up to 4 pm.**

Terms and conditions:

1. Please respond to specific details as asked for in tender document. If it is found that specifications given in tender is copied and placed in submitted in the quotation, the quotation will be considered incomplete and will not be considered any further.
2. Your quotation shall contain Authorization Letter from manufacturer.
3. Quoted prices should include all taxes at rates that are applicable to IIT Kanpur
4. Equipment should have a minimum warranty of 1 year for all parts and labor.
5. Vendors should demonstrate the details of a minimum of 2 internationally reputed academic/ research institutions where the quoted equipment has been supplied in the last two years. Contact information (telephone numbers) of the lab-in-charge/faculty-in-charge of these institutions should also be furnished
6. Quotation must be valid for a minimum of 45 days.
7. Delivery period should not be more than **6 weeks** and delivery should be made at IIT Kanpur. All related paper works and expenses (shipping, insurance, etc.) will be the responsibility of supplier
8. Submit complete details of the product(s) including brochure, manuals etc. with the quotation.
9. AMC rates for the equipment after end of warranty period (excluding parts) should be included along with the quotation. Decision to pursue AMC or not will be made by IIT Kanpur
10. The firms may also quote for optional accessories which will extend the capability or ease of use of the equipment.
11. All quotations should be in the currency of the country of origin of the instrument and also converted to Rupee (₹) as per prevailing rates.
12. Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).

13. The Institute is exempted from excise duty and pays a nominal customs duty of ~5% under Govt. of India notifications 10/97 and 51196, respectively. Custom Duty exemption certificate under notification 51196 and road permit will be provided if applicable.
14. The Institute reserves the right for accepting and rejecting any quotations without assigning any reason thereof. **Also, the Institute reserves the right to reject or accept all or any of the offers made above.**

Thanking you
Sincerely,



(Manoj Kumar)

Phone: 91- 0512- 2597478

Fax: 91-512-2597395

Email: kmanoj@iitk.ac.in
