Notice Inviting Quotation

Sealed quotations are invited for purchase of Heat Exchanger System with Computer interface as per specification given below. All data should be available to a (user supplied) Windows PC/Laptop, via a USB interface. This computer is also used to control the flow rates, hot water temperature, and hot water direction. Complete software for educational use is also required.

TECHNICAL SPECIFICATION:

1. System : Water to Water and water to air
   a) Shell and Tube: (1 – 2 shell & tube type) Material Stainless steel. Insulated with ceramic wool and cladded with aluminum foil. Dia. 220 mm, Length 500 mm (Approx.) 25% cut baffles at 100 mm distance 4 Nos. And Tube : OD 16mm approx., Length 500mm (24 Nos.)
   b) PLATE TYPE HEAT EXCHANGER: Comprises a number of stainless steel plates, each with a pressed chevron pattern and a food grade silicon rubber sealing gasket, mounted in a frame. Easily dismantlable for cleaning.


3. Hot Water Tank : Made of Stainless steel (SS 316L) insulated with ceramic fibre wool.

4. Hot Water Circulation : The hot water vessel should include heater with thermostatic over-temperature cut-out and low water level detection with metering pump.

5. Heaters: Nichrome wire heater (2 Nos.)

6. Control panel should consist of:
   - Digital temperature indicator : 0-300°C wi-fi enable digital display with Data Acquisition card (For Hot Water Tank)
   - Water Flow meter
   - On/off Switches
   - Dimmer for heating

7. Data Logging Facility (wi-fi enabled) with Laptop
Terms and Conditions:
1. IIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or fully) and necessary “Custom Duty Exemption Certificate” can be issued after providing following information.
   a) Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists)
   b) Forwarder details i.e. Name, Contact No., etc.
Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute and Bills of Entry should be submitted to IIT Delhi later on.
2. Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
3. IIT Delhi is exempted from paying Excise Duty and necessary Excise Duty Exemption Certificate will be provided for which following information is required.
   a) Quotation with details of Basic Price, Rate & Amount on which ED is applicable.
4. Imported items should be quoted on FOB basis (Freight on Board) and FOB price be provided.
5. Three years comprehensive warranty be provided and AMC price beyond 3 years should be mentioned separately.
Payment Options
- Letter of Credit: 90% payment against shipping documents & balance 10% after satisfactory installation. For large purchase i.e. costing over Rs. 1 crore, 100% payment be made through LC.
- Sight Draft: Payment against documents through bank.
- Against Delivery: Payment by wire transfer after receipt of material.
- Advance payment: pre-payment by wire transfer (for orders less than Rs. 5 lakh)

Sealed quotations should reach to the following by 31st Dec 2012.

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