

**School of Biological Sciences  
Indian Institute of Technology Delhi**

21-11-2011

Sealed quotations are invited from reputed companies or their authorized representatives for supply of one unit of Ice Flake making machine from PLN 03 budget head of the department, conforming to the mentioned technical specifications (or superior than specified) and terms and conditions as prescribed under. Interested parties are requested to submit their sealed quotations in an envelope containing the financial and technical bids in separate sealed envelopes inside. The NIQ should be marked as “Quotation for **“Ice Flake making machine”** and addressed to **Co-ordinator School of Biological Sciences**, Attn. to **Dr. Tapan K. Chaudhuri**, and submitted in the reception, School of Biological Sciences, Formerly IBM Building, Block -1A, Indian Institute of technology Delhi, Hauz Khas, New Delhi – 110016 Latest by 4pm on December 06, 2011.

**Technical specification for the Ice flake making machine**

- 1) Production capacity of the machine should be 300 – 350 kg/ day.
- 2) External bin capacity Capacity should be 200 - 250 Kg
- 3) CFC Free refrigerant of international standard.
- 4) Freezing cylinder should be stainless steel corrosion resistant with insulation.
- 5) Exterior chamber should be stainless Steel corrosion resistant with insulation.
- 6) There should be Auto Stop/Start for refrigerant pressure.
- 7) Water supply should have auto start/stop option.
- 8). Power supply 220-240 Volt AC/ 50 Hz
- 9) Auto Stop/Start for bin full indication.
- 10) Low noise level.
- 11) Type of ice should be flake of ice.
- 12) Visual LED alarm indication.
- 13 ).Should be microprocessor controlled.
- 14) Should have ISO 9001 certification or approval from VDE or SEV.
- 15) compressor should be Hermetically Sealed and air cooled.
- 16) Operating temperature range should be 10 – 35 C or better.
- 17) Power Consumption 1200Watt or less.
- 18) Should work in continuous mode.
- 19) Bin should be hygienic and made from Polyethylene plastic or comparable material.
- 20) Drainage pipes and adjustable legs, if need, must be provided.
- 21) The machine should come with suitable voltage stabilizer.
- 22) The machine should come with suitable water filtration system.
- 23) There must be good number of installation in and around Delhi (User list must be attached).
- 24) Warranty must be for 2years after installation and one year free service after the expiry of warranty.

25) Price must be quoted as F.O.B

**Terms and conditions:**

1. Foreign quotation (if any) should be for F.O.B New Delhi, price in foreign currency.
2. Warranty period should be clearly specified.
3. Delivery period should be clearly specified.
4. Agency certificate (if applicable) should be enclosed.
5. Validity of the quotation should be clearly specified.
6. The quotes should have the commissioning and installation details.
7. No queries or complain regarding the bidding process or technical or financial aspects would be entertained after the last date of submission of the quotation.

The Institute reserves the right to accept or reject any one or all the quotations without assigning any reason.

**Dr. Tapan K. Chaudhuri**