



भारतीय प्रौद्योगिकी संस्थान कानपुर
Indian Institute of Technology Kanpur

ENQUIRY NO. IITK/CHM/SK/2016-17/12

ENQUIRY DATE: 10.2.2017

CLOSING DATE: 10.03.2017

SUB: REQUEST FOR QUOTATION FOR ICE FLAKING MACHINE.

Dear Sir/Madam

Kindly send us a sealed quotation (technical and financial) for the following item. Quotation should be addressed to **Dr. Sabuj K Kundu, Department of chemistry, IIT Kanpur, 208016**, and must reach on or before 10th March, 2017.

TECHNICAL SPECIFICATIONS FOR ICE FLAKING MACHINE

Production Capacity : 200 Kg/24 hrs

Storage Bin Capacity : 129 Kg

Types of Ice : Flakes

Compressor : Hermetically sealed

Refrigerant : R-404a CFC Free Refrigerant Gas

Condensation/Cooling : Air Cooled

Freezing Cylinder : Stainless Steel

Cabinet : Stainless Steel, Corrosion free with PUF insulation

Exterior (Chamber): Stainless Steel

Noise Level : Very Low Noise Level

Alarms Indications: Visual LED

Hardness : 70 %

Control : Microprocessor Control with LED Indicator

Power Consumption: 760 Watts

Power Requirement : 220-240V/50Hz

Operating Temp. : 10 to 38 deg.C

Safety Control : Microprocessor control against failure of refrigerant & water. Machine should shut off when water is not available in line and resumes when water is available.

Machine should stop when the Bin is full and resumes when sufficient ice is taken from the Bin.

An outlet should be provided to drain water from the Bin to protect it from contamination. Machine should shut off and indicate if the Refrigerant is not sufficient to produce Ice.

Adjustable legs to keep the machine in level.

Machine should AgION Silver Antimicrobial product protection.

Machine should CE, VDE and GS approved and ISO9001 certified.

Net Weight of the Machine : 49 Kg

Dimension of the Machine (WxDxH) : 560mm x 533 mm x 525 mm

Dimension of the Storage Bin (WxDxH): 620mm x 870 mm x 1050 mm

Warranty : Three years

*** Star Energy Rating & Save Energy.

Dr. Sabuj K Kundu
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