भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

मानव संसाधन एंव विकास मंत्रालय, भारत सरकार द्वारा स्थापित
सैक्टर 81, नॉलेज सिटी, पी. ओ. मनोली, एस. ए. एस. नगर, मोहाली, पंजाब –140306
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IISERM(630)15/16 Pur 15th February 2016

NOTICE INVITING QUOTATION

On the behalf of Director, IISER-Mohali, sealed tenders in **TWO BID SYSTEM** {Technical and Commercial separate} are invited, for purchase of following item along with EMD money by DD /Banker Cheque/FDR/ Bank guarantee for Rs 10000/- and tender fee of Rs 500/- (non-refundable) through DD in favour of the Registrar, IISER Mohali, so as to reach us latest by ***08.03.2016*** before 1 pm and will be opened on the same day at 4pm.

Sr	Description	Qty
01	**Magnetic stirrers with heating plate along with temperature sensors and controller** Number of stirring positions 1 Stirring quantity max. (H2O) 10 litre Motor rating input [W] Approx. 15, Motor rating output [W] Approx. 1.5 Speed range [rpm] 100 – 1500, Stirring bar length max. [mm] 80 Heat output [W] 1000, Heating rate (1 l H2O in H15) [K/min] 5 Heating temperature range [°C] 50 – 500, Heat control LED , Heat control accuracy [±K] 10 Fixed safety circuit [°C] 500 or more, Connection for ext. temperature sensor Set-up plate material ceramic, Set-up plate dimensions [mm] not less than 180 x 180 Permissible ambient temperature [°C] 5 – 40, Permissible relative humidity [%] 80 Protection class according to DIN EN 60529 IP 21, Voltage [V] 230 / 120 / 100 Frequency [Hz] 50/60, Package should include: SUPPORT ROD, BOSS HEAD and HOLDING ROD	02
02	**Magnetic stirrers with heating plate with temperature sensors PT1000** Number of stirring positions 1 , Stirring quantity max. (H2O) [l] 20, Motor rating input [W] Approx. 16 Motor rating output [W] Approx. 9 , Speed display LED , Speed range [rpm] 0/50 - 1500 Stirring bar length max. [mm] 80, Heat output [W] Approx. 600 Heating rate (1 l H2O in H15) [K/min] 6.5 , Heating temperature range [°C] room temp. - 310 Heat control LED, Error code display , Heat control accuracy [±K] 1 Speed control stepless, Adjustable safety circuit min. [°C] 50, Adjustable safety circuit max. [°C] 360 Connection for ext. temperature sensor PT1000 , Control accuracy with sensor [±K] 1 Set-up plate material Aluminium alloy, Set-up plate dimensions [mm] diameter 130-140 Weight [kg] not more than 3 kg, Permissible ambient temperature [°C] 5 - 40 Permissible relative humidity [%] 80, Protection class according to DIN EN 60529 IP 42 Voltage [V] 220 - 230 / 115 / 100 , Frequency [Hz] 50/60 , Power input [W] 650 **NB** – Please quote magnetic stirrers with heating plate without temperature sensor also.(optional)	04

03	**Magnetic stirrer and heating plate with minimum 5 positions** Homogeneous temperature distribution across the heating plate Adjustable reverse operation , Eco-mode for a low self-warming of the surface Wear free magnetic coils, Error code display, Touch keypad , Suitable for continuous operation Number of stirring positions 5 , Stirring position distance [mm] 90 Speed deviation of individual stirring positions [%] 0 , Speed control 10 RPM Steps Speed range [rpm] 0 – 1000 , Stirring bar length min. [mm] 25, Stirring bar length max. [mm] 30 Heat output [W] Approx. 175, Heating temperature range [°C] Room temp. - 120 Heat control LED, Heating rate heating plate [K/min] 3, Adjustable safety circuit min. [°C] 50-150 Set-up plate material Aluminium alloy, Set-up plate dimensions [mm] 110 x 495 Permissible ambient temperature [°C] 5 – 40, Protection class according to DIN EN 60529 IP 40 Voltage [V] 230 / 115 / 100, Frequency [Hz] 50/60, Power input [W] Approx. 200	01
04	Heating block for Round bottom volume: 50 ml	01
05	Heating block for Round bottom volume: 100 ml	01
06	Heating block for Round bottom volume: 250 ml	01
07	**Digital Melting point Apparatus** No. of samples- 2 (simultaneously), Temp range- Ambient to 300 degree C Temp. accuracy- ± 1.0 degree C at 20 degree C ± 2.5 degree C at 300 degree C Display:- Minimum : thre digit LED "Maximum four digit LED, Display resolution : 1 degree C (or) 0.1 degree C, Ramping rate : 20 degree C per minute to plateau , 2 degree C per minute to melt (or) variable between 1 and 10 degree C per minute to melt, weight : < 3 kg, Heating rate control : Electronic, Electrical supply : 230 -240 V Cost of melting apparatus including 25 packs of 100 melting point tubes, Warranty : -Minimum 3 years, Calibration certificate needs to be attached with the quote, Provision to view melting samples by a magnifying lens with clear observation , provision with full access to the block for cleaning & instruction in English.	01

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(Mukesh Kumar)
Assistant Registrar (S&P)

INSTRUCTIONS

1. The Quotation should be addressed to the Assistant Registrar (S&P), IISER Mohali invariably giving on the envelop Reference number with due date and time of submission of quotation.

2. One time importers from China with custom made specifications are highly discouraged.

3. The quantity mentioned in this inquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.

4. The rates offered should be FOR Chandigarh/Mohali in case of firms situated outside Chandigarh/Mohali, and free delivery at the Institute premises in case of local firms. Supplier outside India please mentions the Ex-works/FOB/FCA/CIF/CIP price clearly.

5. In case of Ex-godown terms the amount of packaging forwarding freight etc should clearly be indicated by percentage or lump sum amount. Institute has policy not to make any advance payments towards any purchase, Letter of credit can be opened if required.

6. THE INSTITUTE IS EXEMPTED FROM EXCISE AND CUSTOM DUTY.

7. SALES TAX :- This Institute is not exempted from the payment of Sales Tax/Service Tax/VAT. The current rate (i.e. percentage of Sales Tax should be clearly indicated included or excluded) wherever chargeable.

8. The delivery period should be specifically stated. Earlier delivery will be preferred

9. The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the article quoted. The name of the manufactures and country of manufacture should also invariably be stated. In the absence of these particulars, the quotation is liable for rejection.

10. Validity of offer: 90 days. Firm should replace all manufacturing defect parts/ whole item under warranty period without any extra cost including clearance, freight, taxes. Security deposit/ Bank Performance guarantee for 10 % of the value of supply order as per norms may be sought from firms.

11. Late or delayed quotation will not be accepted.

12. The right to reject all or any of the quotation and to split up the requirements or relax any or all the above conditions without assigning any reason is reserved. For any corrigendum and addendum please regularly visit our website.