



SCHOOL OF CHEMICAL SCIENCES

MAHATMA GANDHI UNIVERSITY

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No.SCS/02/PF/GA/28/2024

07.03.2024

SHORT QUOTATION NOTICE

Sealed short competitive quotations are invited from dealers/ firms for the supply and installation of HOT PLATE MAGNETIC STIRRER(1 No) for the research Lab of Dr.G. Anilkumar, School of Chemical Sciences, Mahatma Gandhi University, Kottayam, subject to the following conditions.

SI No	Name of item	QTY
1.	HOT PLATE MAGNETIC STIRRER <u>Specification</u> 1. Powerful servo DC motor for constant speed delivery under varying load 2. Stirring capacity up to 20 litres 3. Nano crystal full ceramic top plate ensures chemical resistivity & constant heat transfer 4. Highly resistant and inert body, even to strong chemicals 5. Heater temperature setting from Ambient to 550°C 6. Variable speed setting from 200 to 2200 RPM in steps of 10 RPM & long timer range from 1-999 mins & infinite mode 7. Microprocessor controlled hot plate stirrer with variable speed and time setting, along with last run memory function 8. Auto restart mode automatically resumes stirrer operation in case of power interruption 9. Keypad lock function locks down keypad after the user has set the parameters 10. Programmable pulse mode with run pause run feature 11. 6 heating modes for rapid, gradual & accurate heating 12. Large and clear display for better readability across all parameters, set values readily visible 13. Safe temperature circuit cut up to 575°C for greater reliability 14. Small footprint for saving valuable bench space 15. LED indication when plate temperature above 50° C 16. Compatible with PT-1000 temperature probe to accurately measure temperature of medium 17. Keypad lock feature & Auto restart feature Stirring Quantity Max. :20 Litres ,Set-up plate material :Nano Crystal full ceramic top plate,Variable Speed:200-2200 RPM ,Heat Temperature Range:Ambient to 550° C,:Temp Accuracy :± 1°C,Run Time:1-999 mins & infinite ,Digital display :Shows Speed/Time and Actual/Set temperature alternately,Safe temperature circuit :Yes ,Set-up plate dimensions:180 x 180 mm ,Weight:4.9 Kgs ,Dimensions (L x W x H):330 x 225 x 113mm,Length of stir bar :25 mm ,Protection class:IP 21 ,Voltage / Consumption :220-240V / 1000W	1

The sealed envelope containing the quotations (Including Transportation & Installation Charges) should be super scribed with the reference number cited above and the same should reach the **Head of the Department, School of Chemical Sciences on or before. 11.00 AM on 13.03.2024.** Quotations will be opened at **11.45 AM on 13.03.2024 at the office of the school.**

Conditions:

1. Quoted price shall be inclusive of all taxes/freight/loading and unloading/installation.
2. Quoted rates should have at least six months validity period.
3. Warranty and supporting catalogues should be provided.
4. The right to accept or reject the quotations without assigning any reason rests entirely with the undersigned.
5. If the last date for receipt is declared a holiday, the next working day will be the last date for the purpose.

Sd/-

PROF. & DIRECTOR