

Item No. 13 ; Qty required - 01 ; Approximate Cost – Rs. 2.00 lakhs

Specification for Temperature and speed control hot plate stirrer

1. Top plate should have either ceramic or aluminum
2. Should have Digital display for heating (with 0.2 Deg C resolution) and stirring
3. Should have provision to protect the display electronics from spills
4. Ability to set programs (ramp/dwell) as well as save settings
5. Should include temperature probe, supporting rod and clamp kit
6. Should have ability for slow-speed stirring, consistent speed control, and stronger magnetic coupling
7. Should have RPM accuracy ± 5 from 50 to 1500 rpm
8. Should have warning system designed to protect from accidental burns with prominent display when heating surface is above 50°C
9. Motorized system with high durability better quality brushless motors
10. Heating surface area should be at least 400 cm²
11. Programmability for protocols saving option
12. Should have adjustable Heating rate
13. Should view current and set temperature simultaneously
14. Should maintain stir speed if viscosity changes for applications where samples will change viscosity

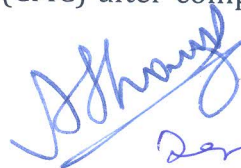
Terms and conditions

15. Should be completely complying the point no 18.1 and 18.6 at page no. 16 of the AIIMS tender documents.
16. All technical claims should be supported by product catalogue, public website of the manufacturer.
17. The system should be certified from European CE / UL / ISO 9001 for quality assurance.
18. Standard instrument comprehensive warranty for 2 years + 3 years comprehensive maintenance contract (CMC) after completion of 3 years warranty.




Renu Shingia






Sanjay 9.6.16


Subhas

19. Firm should provide the list of spares and accessories, which are included in comprehensive warranty and CMC.

20. Firm should also provide the list of consumables, which are not included in the comprehensive warranty and CMC. Company should quote the prices (freeze for next five years) of each consumable separately, which are not included in CMC.

21. Provide point-wise compliance statement vis a vis technical specification offered. Please indicate page number/location of the compliance in the technical brochure.

22. Equipment and power supply connector should be compatible with Indian power supply system

23. Performance Certificate from at least 3 users from Government sector should be provided.

Optional:

1. Should provide the quote for different size and shape of magnetic beads for stirring 0.5 ml to 1.0 liter solutions

Sudhakar

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