

DEPARTMENT OF FORENSIC MEDICINE & TOXICOLOGY
A.I.I.M.S. NEW DELHI

Dated: 29.10.2018

R.E.No.04/FMT/8-19

Subject :Purchase of Shaking Water Bath for DNA Lab. in the Dept. Of Forensic Medicine & Toxicology.

The Department of Forensic Medicine & Toxicology is required for purchase of **Shaking Water Bath for DNA Lab.**

S.No.	Name of Item	Qty.
1.	Shaking Water Bath	01

RATE ENQUIRY SHOULD BE SUBMITTED IN TWO BID SYSTEM CONTAINING TO PART AS DETAILED BELOW:-

PART-I : TECHNOCOMMERCIAL BID IN ONE COVER


PART-II: PRICE BID/FINANCIAL BID IN ON SEALER COVER

WITH EMD Rs.5000/-

Technical bid without EMD will be accepted and treated as disqualified.

BOTH SEALED ENVELOPES SHOULD THEN BE PUT IN ONE OUTER COVER INDICATING THEREON:

The sealed quotations marked with R.E.No.04/FMT/18-19 should be addressed to Prof. & Head Department of Forensic Medicine and Toxicology Room No.302 2nd floor, Opposite New Mortuary, AIIMS, New Delhi-110029 and reach this office on or before **20.11.2018** due date.


Dr. Millo Tabin
Prof. & O/I Stores

Copy to: _____

SHAKING WATER BATH

1. The instrument should be table mounted.
2. The exterior dimensions of the instrument should be approximately 50cm x 30cm x 20cm (W X D X H).
3. It should have a capacity of range between approximately 15-25 litres.
4. It should have a temperature range approximately ambient +5⁰C to 99⁰C with or without cover.
5. It should have a temperature stability of approximately ~0.3⁰C at 37⁰C.
6. It should have a PID controller, PT-100Ω for temperature control.
7. It should have a LED display which shows temperature as well as process value, and set value at the same time.
8. There should be four different buttons for easy setting.
9. It should have a recirculation system with Jet stream mixing stirred tank.
10. It should have variable shaking speed 20~200rpm.
11. It should have water drainage system for easy draining purpose.
12. It should have a Plexiglas/ stainless steel cover with insulated handle.
13. It should have overload and over heat protection by electronic thermal shut down.
14. It should have low/high temperature alarm.
15. It should have self-abnormality detection system.
16. Should have a certificate of calibration and inspection from the factory.
17. Should be provided with a log book with instructions for daily, weekly, monthly and quarterly maintenance checklist.
18. Company should be BIS/ CE / EU (European Union) /US FDA approved.

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