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Sealed quotation are invited online (*via eProcurement mode, please visit <https://eprocure.gov.in/eprocure/app>*) under two-bid (two digital cover) system for Hybridization oven and accessories with FOR destination price (Department of Genetics, University of Delhi South Campus, New Delhi-110021) for supplying and installation of the system with following technical specifications:

Technical specification:

1. The quoted hybridization oven should provide temperature range of ambient +5°C to 70°C with precise temperature control and built-in circulating fan for temperature stability.
2. The quoted system should provide orbital /Rotation/ rocking motion.
3. The offered system should provide temperature accuracy of $\pm 0.1^\circ\text{C}$ at all temperature range.
4. The offered system should be fitted with PID temperature controller to ensure constant temperature accuracy without overshooting.
5. The offered system should provide rotor speed of 6 ~ 50 rpm or better, shaker speed 10 ~ 100 rpm or better and the shaker must be carry at least 6 kg. of load.
6. The system should provide dual display of actual chamber temperature and set point temp.
7. The bottles carrousel of the offered hybridization oven should accept at least 8 bottles (300 mm) or more. The bottle carrousel should be easily removable for cleaning.
8. The offered system should have air forced ventilation airflow system to ensure fast recovery of chamber temperature after door opening.
9. The offered system should have tempered glass viewing window to provide clear chamber visibility without door opening.
10. The system should provide simple operation of speed by means of rotary switches.
11. The offered system should provide Touch-screen/ pad panel for operation with digital /LED display for speed and temperature.

12. The offered system should be fitted with a timer of 999 h / 999 min / 999 sec. set up or better.
13. Outside dimensions of the machine should not exceed 440W x 375Dx 660H (mm)
14. There must be at least 10 installation of identical model in National laboratories and recognized Universities and the bidder should provide a complete user list with contact details.
15. **Instant preparation of technical catalogue/broacher by copying the provided technical specification and its onward submission will disqualify the bidder without further communication. The offered system should be a regular and established make/model of the manufacturer and the technical details of the quoted system must be available in the certified catalogue/broacher and website (link should be provided) of the manufacturer on the prior date of publication of this tender. A user list with contact details must be included with the bid.**
16. **If requested by the technical evaluation committee, the participating bidder must provide live technical demonstration of the offered system/model at south campus within 5 days of notice, failing to this would disqualify the vendor without any further communication.**

Accessories:

1. A pre-incubation oven with double wall construction, fiberglass insulation and silicon rubber door and should be compatible to be used for temperature range ambient +5°C ~ 200°C with precisely controlled temperature.
2. The temperature stability should be of $\pm 0.5^{\circ}\text{C}$ at 100°C and $\pm 1.0^{\circ}\text{C}$ at 200°C or better.
3. It should have PID temperature control for automatic compensation after load changes.
4. The capacity should be 28-30 liters and 2 shelves with maximum dimensions with W325 x D310 x H315 (mm) along with a see-through window.
5. The unit must have simple keypad input for temperature setting and LED digital display to monitor the chamber temperature with visual alarm indicator alerts if the chamber temperature exceeds the setting point by 10°C.

Important information:

1. **The quotation should be submitted through eProcurement portal only latest by 25th July 2018, 5:30 PM. Hard copies of the tender documents will not be accepted (accept original copy of the EMD draft). Please visit <https://eprocure.gov.in/eprocure/app> for details.**

2. **A scanned copy of the bank draft with EMD amount of Rs. 10,000.00 (refundable) in favour of Director, University of Delhi South Campus, New Delhi-110021, payable at New Delhi, should be submitted along with the quotation. The original copy of the draft should be submitted to the office of the undersigned within the due date.**
3. Quotations have to be submitted in a two cover system. The first part, technical bid should consist of all technical details and signed supporting documents with clear terms and conditions. A compliance sheet must be filled by the vendor, against each point, and giving reference of the same (page number, line number) in the supporting company brochure/document. This statement must be signed, with the company seal, by the participating firm for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the tender without any further communication.
4. The second cover, the Financial bid should contain item-wise pricing of items mentioned in the technical bid and should include accessories as part of the main bid. Partial quote will not be accepted.
5. The quote should be valid for 90 days from due date.
6. Payment will be made by wire transfer/RTGS after satisfactory installation and demonstration of the system.



Dr. Surajit Sarkar

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