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Corrigendum Notice-I

Corrigendum-I against e-tender notice no. RMLIMS/MM(eq)/2019-20/4172 dated 08.11.2019 for the supply of Medical Equipments for various departments, some corrections have been made in Micro Array. Corrected specifications are attached with this notice. Other terms and conditions will remain same.

Director

Specifications for Microarray

A reputed brand make high resolution Micro Array Scanner, providing a compact open format solution for imaging of regular and high density microarrays of nucleic acids. The system should support chip/ slide or bead array technology. **The manufacturer of scanner must be manufacturer of arrays in chip or slide format as mandatory condition.**

1. The system must have validated and optimized Kits for applications such as: uncovering new regulatory pathways, Pre and post natal genetic screening, confirming mechanisms of action, validating drug targets, classifying diseases, analyzing toxicological responses.
2. Sample requirement should be low.
3. The system must offer a sensitivity of 16 bit or better. The system should be such that targets present with very low signals must also be detected.
4. The system must offer a resolution of 3 micron or less.
5. The vendor must quote an autoloader of optimum capacity as an optional item if not inbuilt, so that multiple slides/chips can be processed without manual intervention.
6. A QC instrument (through capillary electrophoresis based system) must be quoted for checking quality of DNA and RNA by DQS (40000 bp) and RQS (6000 nt) or equivalent
7. The customization should be free even for a minimum order of chip/array to meet the experimental requirement.
8. The system must also be provided with a Hybridization oven along with computer work station.
9. A 5 KVA online UPS with 2 hours battery backup should be provided along with the system.
10. The company would provide consumables/chip/array to run 48 sample each of human gene expression, cytogenetic array and prenatal screening for installation purpose.
11. The manufacture must have proven track record to supply microarray system in India. The vendor should enclose minimum 5 performance certificate for verification of the quoted model.
12. Dedicated operator support for two (complete) years from the date of installation.
13. Paid software for data interpretation/ analysis with 5 years of license. (Freely downloadable software from Internet may kindly not be quoted).
14. A touchscreen PC with latest configuration, wireless keyboard and mouse along with a computer table should be provided.
15. A vibration free table of optimized size to keep instrument is to be quoted.
16. Each of the subunit (instrument) required in the workflow must be covered under warranty/CMC as per institutional norms and performance must be demonstrated during installation. The detailed specification sheet of each subunit must be annexed in the bid. It is the sole responsibility of the vendor to complete the recommended workflow.
17. All the agreement regarding applications/service and warranty of are to be done with principle company/ primary distributor.
18. The vendor must be ready to do rate contract with the institute at the time of finalization of the bid.

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