Notice Inviting e-Tender

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SUPPLY OF EQUIPMENTS FOR MOTHER &CHILD HUB OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 109 /2017	Dated-01.12.2017

The following amendment has been made in the tender document,

Amendment –IX

SCHEDULE - II

Automated Blood Culture System

1. The system should be a fully automated, walk away system capable of culture and detection of bacteria, fungi and mycobacteria from blood and sterile body fluids
2. Should have capacity to hold at least 100 bottles at a time for blood / body fluid. The capacity should be upgradable.
3. The system should continuously monitor the samples for growth and report it as and when it occurs.
4. System is based on Colorimetric/ fluroscence technology for interpretation of results.
5. The culture media provided should have sufficient mechanism to neutralise the inhibitory effect of antibiotics and other substances in blood.
6. a) Culture media should be available for detecting bacteria and fungi, including fastidious organisms.
   b) The culture bottles should be unbreakable in normal conditions.
   c) The culture system should be suitable for processing blood and sterile body fluids
7. Should be capable of processing both adult and the paediatric samples.
8. The system should be maintenance free without any need for regular calibrations, controls or standards run by the user.
9. The system should use leak proof and on non invasive system to avoid contamination of equipment and environment.
10. The culture bottles should have high stability and (4-6) months shelf life.

11. The system should be supplied in a complete system with all accessories, hardware like computer, printer etc and required software.
12. Any software or database updates should be done free of cost by the firm, during the life of equipment, as and when it is released by the manufacturer.
13. Required training, technical literature and support should be provided by the firm.
14. Safety Features
    Should have CE ("Conformite Europeene") from European Union notified body having 4 digit identification number and US FDA

Microbial Identification and Susceptibility Testing System

1. The system should be fully automated, walk away system for identification and antibiotic susceptibility testing for bacterial isolates. Including automated filling of cards/ test system/ dispensing.
2. The system should be capable of simultaneous testing of minimum of 30 samples, (15 identification and 15 antibiotic susceptibility testing).
3. Should be able to anaerobic identification & sensitivity analysis of Gram positive bacteria, Gram negative bacteria and yeast like organisms.
4. The system should be capable of identifying and testing antimicrobial susceptibility for fastidious organisms like H.influenza, N.meningitidis etc. / combo facility
5. The system should be able to detect antibiotic resistant organism like MRSA, VRE, HLAR, VRSA, B-lactamase and ESBL production.
6. It should be an intelligent system and should give alert for any unusual antimicrobial resistance.
7. The system should have barcode scanning system for Easy management of samples and which capable of testing for antimicrobial susceptibility of yeast and yeast like organisms.
8. The system should be maintenance free without any need for regular calibrations, controls or standards run by the user.
9. The system should use leak proof and non invasive system to avoid contamination of equipment and the environment.
10. The identification system should complete in itself without the need of an additional test done manually.
11. The system should have panels for identification alone or antibiotic susceptibility alone.
12. The Reagents/Strips should have high stability and (4-6) months shelf life
13. The system should have facilities for data management and storage and quality control.
14. The system should be supplied in a complete system with all accessories, hardware's like computer, printer etc and the required software.
15. The system should have expert software for analysing the raw data and provide detailed interpretive results.
16. Any software or database updates should be done free of cost by the firm, during the life of the equipment, as and when it is released by the manufacturer.
17. Safety Features
    Should have CE ("Conformite Europeene") from European Union notified body having 4 digit identification number and US FDA

NOTE

Cost per Identification / Antibiotic susceptibility should be calculated on the suitable pack size considering the number of analysis for a period of 5 years as detailed in the table below:

Sl. No.	Item / Analysis	Usage (in nos.)
		During 5 years
1	Culture Bottle	9000
2	Organism Identification (ID Card + all consumables)	3150
3	Antibiotic Susceptibility (AST Card + all consumables)	3150