

Corrigendum

Tender Notice No.IACS/BC/SSJ/DST/13/46 dated 8.11.2013 of Technical Specifications for Real Time PCR Machine

Technical specifications as on 08/11/13 (page 1-2)	Corrigendum in the following points
<ol style="list-style-type: none">1. The system should be able to perform Gene Expression, Plus/Minus assay, SNP, allelic discrimination and dissociation curve analysis etc.2. A Peltier based 96 well thermal cycler with temperature range of 4°C to 100°C.3. Reaction volume, preferably in between 10-30µL.4. Compatability to Standard 96 well plates, 8 well strips, or individual PCR tubes.5. Each well should receive the same amount of excitation light6. Each well should receive excitation light for the same length of time7. System should be capable for detection of at least 5 dyes SYBR GREEN ,TEXAS Red,Cy3,Cy5 and ROX .8. System should have fast run time to complete the PCR cycle (with less than 60 min).9. Instrument should have universal thermal cycling conditions.10. The excitation by Tungsten Halogen/Xenon source and detection by cooled CCD camera or LED based Excitation.11. Minimum Five position fluorescence excitation as well as emission filters for 5 color multiplexing.12. System should collect data for all 5 filters for all wells regardless of plate setup.13. The data collection and instrument control software should provide multicomponenting algorithm for deconvolution of multiple dye signal with minimum cross talk.14. Licensed full version software for primer and probe design must be included with manufacturer only,no third party software should be included.15. It should be standardized for Taqman-MGB Probe based 5' Nuclease Assay and SYBR Green Chemistry, to be set up on single plate with seamless switchover between them during the run.16. The Pre-validated and functionally tested Taqman Gene Expression Assays as well as Taqman SNP Genotyping Assays should be readily available with the vendor.	<ol style="list-style-type: none">10. The excitation by Tungsten Halogen/Xenon source and detection by cooled CCD camera/PMT based 15. It should be an open system for performing various chemistries like Taqman-MGB Probe based 5' Nuclease Assay and SYBR Green Chemistry, and also a gradient enabled.