



Date: 05.11.2019

## Corrigendum

**Sub:** Corrigendum for Supply of Real Time Quantitative PCR System for Department of Pathology & Lab Medicine at AIIMS, Raipur.

**Tender No. :** AIIMS/R/CS/Patho/18/02/OT

In context to following corrigendum is issued against subject tender

Sr. No.	Page no/ clause no	Existing Sentence	To be read as/Addendum
1	Page no. 18/Para no. 4	Should have Reaction volume of 10-100 $\mu$ L and should use Universal thermal cycling conditions.	Reaction volume should range between 1 to 100 $\mu$ L.
2	Page no. 18/Para no. 5	Should have Excitation range between 450nm - 680nm and Emission range between 500-730nm	System should have excitation and emission in the range between 450-730nm.
3	Page no. 18/Para no. 7	The System should be combined with 6 decoupled excitation and emission filter sets to enable collection of up to 21 unique combinations of wavelengths during a single run for multiplexing on the 96-well block instrument.	The system should have at least 6 decoupled excitation and emission filter sets to enable multiplexing during a single run on the 96-well block instrument.
4	Page no. 18/Para no. 8	The excitation should be done by White LED light source & should come with a >05 years lifespan and detection should be done by sCMOS / CCD.	The excitation should be done by LED light source & should come with a >05 years lifespan and detection should be done by sCMOS / CCD/Photodiodes.
5	Page no. 18/Para no. 12	Should have six independent Peltier Block to provide six independent temperature zones to run six different assays with varying annealing temperature at the same time. Each block having the ability to set up PCR with specific temperature differential of up to 5 degree centigrade between blocks and 25 Deg. from one end to another.	System should have peltier block capable of performing gradient PCR reaction at 6 or more variable temperature. Gradient programmable span between 1-25°C range.
6	Page no. 18/Para no. 13	The system should be factory calibrated for handling dyes such as SYBR Green, FAM, VIC, JOE, NED, TAMRA, ROX, Texas Red, Cy3, Cy5.	The system should be factory calibrated for handling commonly used dyes including SYBR Green, FAM, VIC, ROX, Texas Red, Cy5.
7	Page no. 18/Para no. 17	Details of data acquisition during run for all dyes should be provided and ensured. Temperature accuracy should be maximum (+/-0.5°C of set point/display temperature, measured at 3 minutes after clock start).	Details of data acquisition during run for all dyes should be provided and ensured. Temperature accuracy should be +/-0.5°C.
8	Page no. 19/Para no. 18	The system should have run time of less than 30 minutes in fast Mode and less than 2 hours in standard & emulation mode for 40 cycles.	The system should have fast and standard mode.

Sr. No.	Page no/ clause no	Existing Sentence	To be read as/Addendum
9	Page no. 19/Para no. 22	The software should be inclusive of Multi-componenting algorithm designed to provide precise deconvolution of multiple dye signals in each well to ensure minimal crosstalk when using multiple fluorophores for multiplex assays.	The software should be able to differentiate the signals coming from each channel with minimal crosstalk and multitiered algorithm to determine the dominant inter-run calibrator within all the data.
10	Page no. 19/Para no. 32	System should have option like Stand-alone, PC connected, or direct connection to Cloud via Lan or Wi Fi.	System should have option like Stand-alone and PC connected.
11	Page no. 20/ Addendum as Para no. 39		Addition- Software should be capable of doing automated statistical analysis with various tools like t-test, ANOVA etc.

**Note:** All term and condition will be remain unchanged.

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