

**Point-by-point reply to changes requested by a potential bidder in
Tender no. 061 AIIMS/BPL/STORES/BIRAC-GCE/QRT-PCR/2019-20 dated 17.01.2020 for qRT-PCR**

Tender Specification	Change Requested	Comments
Volume of reaction: 10–100 µl	Volume of reaction 10-50 µl	Specifications can be changed to 10-50 µl
Light source: Bright white LED.	Light Source: LED	Specifications can be changed to LED light source
Excitation/detection range: 450–680 nm/500–730 nm	Excitation/detection range: 450–680 nm/515–730 nm	Tender Specifications cover the range requested. Hence there is no need for change.
At least 5 Different temperature zones for setting up 5 different annealing temperatures across the block	System should be able to run 5 different annealing temperatures	Tender specifications already accommodate the requested change.
Onboard memory to store around 2000 run files	Onboard memory to store 100 run files	Specifications can be changed to accommodate the change requested, with requirement of onboard memory to store 100 or more run files
Run Time 30 mins	Request to delete the same	This specification may be deleted.
Dye compatibility: FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red,MUSTANG PURPLE, Cy@5/LIZ™, Cy@5.5	Dye compatibility: All dyes in the range of 450-730nm should be accommodated on the system	Specifications may be changed to accommodate the requested change, with requirement of dye compatibility of all dyes within the range of 450-730 nm
System should be 21 CFR Compliant	Request do delete the same. 21CFR is required only in Pharma sector and holds no relevance in research	No change should be done in this specification. 21 CFR Part11 is a validation norm which ensures audit trail, log in controls, user authentication, data security, etc which hold a lot of significance in diagnostics, research & publication purposes. Also considering that this instrument is being procured as part of BIRAC project and is mandated to deliver a patentable diagnostic kit, this requirement is essential for this project. Also all qRT-PCR machines of this potential bidder have 21 CFR part 11 compliance.