



Date: - 31st January, 2018

Corrigendum
For
Tender for
Real Time Quantitative PCR system for the
Department of Microbiology

NIT Issue Date	: 09 th October, 2017
NIT No.	: Admn/Tender/211/2017-AIIMS.JDH
Pre-Bid Meeting	: 24 th October, 2017 at 03:30 PM
Earlier Last Date of Submission	: 05 th February, 2018 at 03:00 PM
Extended Last Date of Submission	: 20 th February, 2018 at 03:00 PM
Bid opening	: 21 st February, 2018 at 03:15 P.M

The following revised and additional specification will be added:-

1. Page No. 10, Point No. 7

For

Block ramp rate (at peak): ≥ 50 C.

Read

Block ramp rate (at peak): $\geq 5^0$ C.

2. Page No. 10, Point No. 9:

For

Factory calibrated for handling dyes such as SYBR Green, FAM, VIC, JOE, NED, TAMRA, ROX, Texas Red, Cy3, Cy5.

Read

Factory calibrated for handling dyes namely SYBR Green, FAM, VIC, JOE, NED, TAMRA, ROX, Texas Red, Cy3, Cy5 at installation.

3. Page No. 10, Point No. 05:

For

Filters (wide band) - Five-excitation filters, five-emission filters.

Read

Filters (wide band) - Five-excitation filters, five-emission filters. (Should be able to perform 5 color multiplexing)

4. Page No. 10, Point No. 06:

For

Detection: CCD camera.

Read

Detection: CCD camera/photodiode.

5. Page No. 10, Point No. 09:

For

Factory calibrated for handling dyes such as SYBR Green, FAM, VIC, JOE, NED, TAMRA, ROX, Texas Red, Cy3, Cy5.

Read

Factory calibrated for handling dyes such as SYBR Green, FAM, VIC, JOE, NED, TAMRA, ROX, Texas Red, Cy3, Cy5 etc.

Dye and optical Calibration charges with consumables should be include in warranty period when ever require.

6. Page No. 10, Point No. 10:

For

Additional Dyes Available: Calibration for new dyes within the wavelength range should be possible by following the custom dye calibration procedure in the User's Manual without purchase of additional filter sets.

Read

Additional Dyes Available: Calibration for new dyes within the wavelength range **(450-730nm)** should be possible by following the custom dye calibration procedure in the User's Manual without purchase of additional filter sets.

Dye and optical Calibration charges with consumables should be included in warranty period when ever require.

7. Page No. 10, Point No. 11:

For

Capable of performing relative and absolute quantitation, Melting curve analysis (at high resolution), multiplex-PCR, SNP analysis, dissociation curve analysis, pathogen detection and plus/minus assays etc.

Read

Capable of performing relative and absolute quantitation, Melting curve analysis (at high resolution), multiplex-PCR, SNP analysis, dissociation curve analysis, pathogen detection and plus/minus assays/presence/ Absence etc. or equivalent.

The instrument should have cloud/Email notification Etherent cable port

08. Page No. 10, Point No. 16:

For

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.

Read The software should be inclusive of Multi-componenting Algorithm/Multititer Alogrithm or similar designed to provide precise deconvolution of multiple dye signals in each well to ensure minimal crosstalk when using multiple fluorophores for multiplex assays.

09. Page No. 10, Point No. 15:

For

Run time: ~30 min (fast mode-expert), < 2 hr (standard & emulation made for 40 cycles.

Read

System should have standard and fast/ultrafast mode with scanning time 12 sec or better for all channels.

10. Page No. 10, Point No. 22:

For

Should be CE or FDA or BIS approved product

Read

Should be CE-IVD or FDA approved product (Certificate should be attached)

Should be compliant to MIQE guidelines

11. Page No. 10, After Point No. 22:

Added Point No. 23:

The normalization of reaction due to non PCR related fluctuations should be possible by using any calibrated dye.

System should be standardized for Taqman and SYBR Green Chemistry with prevalidated and functionally tested Taqman Gene Expression Assays as well as Taqman SNP Genotyping Assays. They should be readily available from the same manufacturer.

The system should have flexibility to use plates and 0.1 ml/0.2 ml, tubes, strips to cut down the cost per reaction.

The manufacturer of the instrument should preferably have own application support laboratory in India for local & efficient after sales service- support.

Demo & training on site only on suppliers expenditure.