



## ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION

(Deemed University)

Panch Marg, Off Yari Road, Versova,  
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File No.:36-81/19-20/NASF Pro/Real Time PCR/P

Dated: 28.02.2020

### CORRIGENDUM

Reference to this office tender No. 2020\_DARE\_539185\_2 Dated 25.02.2020 for Purchase of Real Time PCR for ICAR-CIFE, Mumbai the following Specification may be seen:-

1. 96 well real time PCR.
2. Volume: 10–100  $\mu$ L.
3. Light source: LED.
4. Detection: Whole-plate imaging/ CMOS/CCD/ Photodiode.
5. Excitation/detection range: 450–680 nm/500–730 nm.
6. Multiplexing 5 targets or more in the same reaction.
7. Dynamic range: 10 logs
8. Peltier based Heating/cooling
9. At least 5 Different annealing temperatures across the lock
10. Max block ramp rate: 5°C/sec or more
11. Onboard memory to store 1000 or more run files
12. Run time : 30 mins
13. Dye compatibility : FAM/SYBR Green, VIC/JOE/HEX/TET, ABY/NED/TAMRA/Cy3, JUN, ROX/Texas Red, MUSTANG PURPLE, Cy<sup>®</sup>5/LIZ<sup>™</sup>, Cy<sup>®</sup>5.5
14. Stand-alone system
15. Integrated touch screen with real-time application viewing for Stand alone operation
16. Locked workflows, Preoptimized protocol templates & ability to customize protocols.
17. Programmable and manual pause
18. System should be provided with a computer with Processor-4th Gen Intel Core I7-4770S Processor (Quad Core HT, 3.10GHz Turbo, 8MB, w/ HD Graphics 4600); Memory-16GB (2x8GB) 1600MHz DDR3 Non-ECC; Hard drive-2 x 500GB SATA 3.0Gb/s and 8MB Data Burst Cache with an operating system- Windows 7 Professional and Windows 10,64-bit or 32-Bit
19. 6 KVA online UPS with 1 hour backup should be supplied
20. Consumables for demo purpose are supplied along with the instrument.
21. The system should have CE certification and 21 CFR Part 11 compliance
22. 3 year warranty

**The last date submission of tender on CPP Portal is 12.03.2020.**

*Prabell*  
28/2/2020  
Asstt. Admn. Officer (P)