



सीएसआईआर-भारतीय रासायनिक जीवविज्ञान संस्थान
CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY

(वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद)
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)

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संख्या/ Enquiry No.: IICB/PUR/2025-26/599/611/75

दिनांक/Date: 26.09.25

शुद्धिपत्र सूचना

Corrigendum Notice

एतद्वारा सूचित किया जाता है कि डिजिटल पीसीआर सिस्टम की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग हेतु निविदा, निविदा आईडी 2025_CSIR_247417_1 के अनुसार, एनआईसी सीपीपी पोर्टल (<https://etenders.gov.in/eprocure/app>) पर प्रकाशित कर दी गई है। इस संबंध में, निविदा दस्तावेज़ का संशोधित तकनीकी विनिर्देश (अध्याय 4) सूचना एवं डाउनलोड हेतु संलग्न है (अनुलग्नक 'ए')। इसकी एक प्रति सीएसआईआर-आईआईसीबी की वेबसाइट पर भी अपलोड कर दी गई है।

It is hereby informed that the tender for supply, installation testing and commissioning of **Digital PCR System** has been published in NIC CPP Portal (<https://etenders.gov.in/eprocure/app>) vide tender ID 2025_CSIR_247417_1. In this regard a revised Technical Specification (Chapter 4) of the Tender Document is enclosed herewith (Annexure A) for information and downloading. The copy of the same has also been uploaded in CSIR-IICB website.

सभी संभावित बोलीदाताओं से अनुरोध है कि कृपया दिनांक 26.09.25 का शुद्धिपत्र नोटिस देखें और तदनुसार अपनी बिड/प्रस्ताव/कोटेशन प्रस्तुत करें।

All the prospective bidders are hereby requested to kindly see the corrigendum notice dated 26.09.25 and submit their bid/ offer/ quotation accordingly.

उक्त निविदा अधिसूचना के अन्य सभी नियम एवं शर्तें अपरिवर्तित रहेंगी।

All other terms and conditions of the said tender notification will remain unchanged.

Ray
26/9/25

भंडार एवं क्रय नियंत्रक

Controller of Stores and Purchase

सीएसआईआर-आईआईसीबी की ओर से

For and on behalf of CSIR-IICB

Annexure A

No.C2	Specifications	Details
1	No. of fluorescence detection channels	Detection channels should have 4 or more channels compatible with the commonly used fluorophore dyes e.g. FAM, HEX, ROX, CY5, etc.
2	Light Source & image acquisition	System should use at least one or more LED as a light source for illumination and acquisition can be done through CMOS camera or PMT
3	Mode of partition and number of partition	System should be able to work based on nanoplate/ micro fluidic array plate or droplet based technology which should have partitioning range of atleast 20,000 or more.
4	Sample utilization	It should be able to utilize 70% or more of the loaded sample for the high accurate digital PCR reaction
5	Sensitivity to detect copy number	It should have sensitivity to detect the copy number of as low as 1-1,00,000 or better
6	Type of system	The digital PCR system should be a fully automation platform with either microfluidic array / nano plate or droplet-based technology and be able to perform Partitioning, Cycling and Acquisition (Imaging/ Fluorescence signal). Single Integrated/modular System is preferred.
7	Sample input reaction volume	Sample input reaction volume can be in the range of upto 40 microliter or lower the better.
8	Precision capacity	Instrument should have precision capacity of +/- 10%
9	Multiplexing of targets in a single tube	The system must support multiplexing of four or more targets within a single sample.
10	Mode of detection	System should read multiplexing by both probe-based or dye-based method.
11	Ease of running number of reactions per run	System should be able to run in 4-8 reactions per run or more the better.
12	Warranty	Instrument should have a comprehensive onsite warranty of 03 years
13	Compatible system (Computer/laptop) for data analysis should be provided	System should be equipped with latest compatible computer system / laptop that can be able to analyse acquired data.
14	Licensed version of the Application Software	Latest available Licensed version of the Application Software should be supplied along with free updates for atleast for 3 years
15	Access for all images acquired by the Digital PCR system for each channel	System software should allow users to access all images acquired by the Digital PCR system for each channel
16	Display of fluorescence measurement, show multiplex data, graphical and tabular representation of data, data acquisition and analysis, report generation, export results, etc.	Software of the system should offer display of fluorescence measurement, show multiplex data, graphical and tabular representation of data, data acquisition and analysis, report generation, export results, etc.
17	Feature to calculate concentration or the number of targets across different partitioned chamber with high precision	System software should have feature to calculate concentration or the number of targets across different partitioned chamber with high precision.
18	Ability to detect rare DNA target copies with high sensitivity	It should be able to detect rare DNA target copies with high sensitivity
19	Ability to determine SNP mutation with high sensitivity	It should be able to determine SNP mutation with high sensitivity.
20	Quantification of nucleic acids with high precision and sensitivity	It can perform absolute quantification of nucleic acids with high precision and sensitivity.
21	Ability to determine gene expression level and copy number variation with high accuracy and precision	It should be able to determine gene expression level and copy number variation with high accuracy and precision.
22	UPS	UPS with 15 minutes back up.