



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

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

4, राजा एस. सी. मलिक रोड, जादवपुर, कोलकाता - 700032 भारत
4, Raja S. C. Mullick Road, Jadavpur, Kolkata – 700032 India

फ़ोन: +91 33 2483-1982 EPABX: +91 33 2499 5837, 5788

PHONE: +91 33 2483-1982 EPABX: +91 33 2499 5837, 5788

फैक्स: + 91 33 2473-5197 वेबसाइट: <https://www.iicb.res.in>

FAX: + 91 33 2473-5197 website: <https://www.iicb.res.in>



संख्या/ Enquiry No.: IICB/PUR/2025-26/599/613/118

दिनांक/Date: 16.10.25

शुद्धिपत्र सूचना

Corrigendum Notice

सभी संबंधितों को सूचित किया जाता है कि स्पेक्ट्रल सेल सॉर्टर की आपूर्ति, स्थापना परीक्षण और कमीशनिंग हेतु निविदा, निविदा आईडी 2025_CSIR_250575_1 के अनुसार, एनआईसी सीपीपी पोर्टल (<https://etenders.gov.in/eprocure/app>) पर प्रकाशित कर दी गई है। कृपया भाग लेने से पहले निम्नलिखित शुद्धिपत्र अवश्य पढ़ें। इसकी प्रति सीएसआईआर-आईआईसीबी की वेबसाइट पर भी अपलोड कर दी गई है।

It is hereby informed to all concerned that the tender for supply, installation testing and commissioning of **Spectral Cell Sorter** has been published in NIC CPP Portal (<https://etenders.gov.in/eprocure/app>) vide tender ID 2025_CSIR_250575_1. In this regard following corrigendum may kindly be noted before participating. The copy of the same has also been uploaded in CSIR-IICB website.

1. बिड जमा करने की अंतिम तिथि 28.10.2025, 05:00 अपराह्न होगी।

Bid Submission End Date will be 28.10.2025, 05:00PM.

2. बिड खोलने की तिथि 29.10.2025, 05:00 अपराह्न होगी।

Bid Opening Date will be 29.10.2025, 05:00PM.

3. संशोधित तकनीकी विनिर्देश (अध्याय 4) शीघ्र ही अपलोड किया जाएगा।

A Revised Technical Specification (Chapter 4) of the Tender Document is enclosed herewith (Annexure A) for information and downloading.

4. उक्त निविदा अधिसूचना के अन्य सभी नियम और शर्तें अपरिवर्तित रहेंगी।

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

सभी संभावित बोलीदाताओं से अनुरोध है कि कृपया दिनांक 16.10.25 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 16.10.25 and submit their bid/ offer/ quotation accordingly.

16/10/25

भंडार एवं क्रय नियंत्रक

Controller of Stores and Purchase
सीएसआईआर-आईआईसीबी की ओर से
For and on behalf of CSIR-IICB

Annexure A

Revised Specification of Spectral Cell Sorter

1. Spectral cell sorter with the ability to perform at least 40 fluorescence parameters along with forward and side scatter, simultaneously with the ability to differentiate and sort populations of interest with high resolution and sensitivity.
2. The cell sorter should be supplied with a Class II Type A2 Biosafety cabinet, as per NSF International Standard 49. The sorter should have an aerosol control and management module.
3. The system should have an optical assembly of at least four spatially separated lasers, including blue, red, violet, and UV lasers or better.
4. The system should have the capacity to record multiple emission spectra of the excited fluorochromes using either PMTs or photodiode-based detector, optimized for low-noise spectral detection.
5. The cell sorter should have the ability to detect and sort fluorochrome/dye combinations with high amounts of spectral overlap by using differences in full emission spectra information across all lasers to clearly resolve the combinations.
6. The cell sorter should preferably have Fluorescence sensitivity for FITC, PE, APC & Pacific Blue ≤ 100 MESF or better.
7. The cell sorter should have the capability to detect and sort small particles and extracellular vesicles (EVs) of at least 100 nm in size.
8. The cell sorter should have the ability to acquire samples from 5ml and 15ml polystyrene or polypropylene tubes with sample mixing.
9. The cell sorter must offer sort collection device options of 1.5-ml, 5-ml, and 15-ml, along with 6-way sorting with 96-well plate and index sorting capabilities.
10. Must have easy and fast replacement of multiple nozzle sizes, including 70 μ m/85 μ m to 120 μ m/130 μ m nozzles with optimized and user-definable pressure and sorter settings. Nozzles ranging from 70 μ m/85 μ m to 120 μ m/130 μ m should be provided.
11. Must have live spectral unmixing of data during sample acquisition and sorting for the real-time visualization of multicolor assays.
12. Must have automated drop delay and sort monitoring for a reliable sorting experience.
13. The cell sorter must include a temperature control option from 5⁰C or below to 37⁰C or better.
14. Software must have an automated QC module and various nozzle settings, a feature of autogenerated sort reports, and data storage in FCS 3.1 file format, and all future software upgrades, including operating system, should be provided free of charge.
15. The Instrument should be capable of digital signal processing with at least 6 log/ decades or higher for best resolution of dim and rare populations, even in high complexity panels and at high flow rates.
16. Workstation: Windows 10 or better, 64-bit, processor: i9/i7 or equivalent, RAM: 64 GB, Hard drive: 2 TB SSD + 4x 2TB SATA/SAS or better, Monitor: 32-inch with 4K resolution flat monitors or better.

17. A compatible 5KVA UPS with an integrated in-built battery, offering a 30-minute backup and a compact design, should be provided.
18. The vendor/ bidder must have a direct presence in India with timely service and application support and training teams.
19. A full five-year on-site comprehensive warranty on the instrument, UPS, and the workstation must be provided.