



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/2025-26/599/578/49

दिनांक/Date: 10.10.25

शुद्धिपत्र सूचना
Corrigendum Notice

एतद्वारा सूचित किया जाता है कि छोटे जीव के लिए एक्सरे विकिरणक की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग हेतु निविदा, निविदा आईडी 2025_CSIR_249261_1 के अनुसार, एनआईसी सीपीपी पोर्टल (<https://etenders.gov.in/eprocure/app>) पर प्रकाशित कर दी गई है। इस संबंध में, निविदा दस्तावेज 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 **Small Animal X-Ray Irradiator** has been published in NIC CPP Portal (<https://etenders.gov.in/eprocure/app>) vide tender ID 2025_CSIR_249261_1. In this regard a revised Technical Specification (Chapter 4) of the Tender Document is enclosed herewith as **Annexure A** for information and downloading. The copy of the same has also been uploaded in CSIR-IICB website.

इसके अलावा, कृपया भाग लेने से पहले निम्नलिखित शुद्धिपत्र पर ध्यान दें:

Further, the following corrigendum may kindly be noted before participating:

- डिलीवरी अवधि 60 दिन होगी।
Delivery Period shall be 60 days.
- भुगतान शर्तें सीएसआईआर-आईआईसीबी निविदा दस्तावेज संख्या: IICB/PUR/2025-26/599/578/49 के अनुसार होंगी।
Payment terms shall be as per CSIR-IICB Tender Document No.: IICB/PUR/2025-26/599/578/49.
- विदेश में सभी बैंक शुल्क लाभार्थी, यानी आपूर्तिकर्ता के खाते में होंगे। यदि क्रेता के अलावा किसी अन्य कारण से साख पत्र को बढ़ाने/पुनर्स्थापित करने का अनुरोध किया जाता है, तो उसका शुल्क आपूर्तिकर्ता के खाते में जाएगा।
All bank charges abroad shall be to the account of the beneficiary i.e. supplier. If L/C is requested to be extended/ reinstated for reasons not attributable to the purchaser, the charges thereof would be to the supplier's account.

सभी संभावित बोलीदाताओं से अनुरोध है कि कृपया दिनांक 10.10.25 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 10.10.25 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
10/10/25

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

Annexure A

The system should have the following features:

1. Self-contained, fully integrated, free-standing, lead shielded, X Ray irradiation chamber, suitable for irradiation of small experimental animals (mice) at various dose rates (0.1 to 4.5) Gy/min or better, with an increment of 0.1 Gy/min or better, for total body irradiation (TBI) and radiotherapy applications like bone marrow transplantation studies, bone marrow chimera generation etc.

2. Irradiation Chamber Dimension:

Height: ≥ 35 cm to ≤ 120 cm

Width: ≥ 35 cm to ≤ 120 cm

Depth: ≥ 35 cm to ≤ 120 cm

SSD (source to sample distance): (46 to 70) cm or higher range

3. Entire X ray irradiator should have Lead shielding to minimize radiation leakage to exterior

4. System should be high throughput of irradiating whole animal body irradiation (TBI) with several mice placed in pie cages at a time

5. X-Ray Tube: Fixed anode; metal/metal ceramic; water/oil cooled/air cooled

6. X-Ray tube voltage: (30-225) KV or better

7. X-Ray tube current: (1-30) mA or better

8. Maximum X-ray source Power: 3000 W equivalent or higher

9. Power output--Filtered Beam:

≥ 6 Gy/min at (225 kV, 13.3 mA or 3000 VA equivalent power setting), at 30 cm SSD (with 2 mm Al or equivalent filter) or,

≥ 2.5 Gy/min at (225 kV, 13.2 mA or 3000 VA equivalent power setting), at 30 cm SSD (with 0.2 mm Cu or equivalent filter) or,

≥ 3.6 Gy/min at (195 kV, 10 mA or 3000 VA or equivalent power setting), (with 3.0 mm Al or equivalent filter)

Vendor should provide appropriate filters related to the above applications.

10. Inherent Filter: 0.8 mm Be (minimum)

11. Single Focal Spots: (7-10) mm (as per international standard like EN12543 etc)

12. Cooling System: integrated closed loop/water-air/water-water/oil-water/oil-air or external chiller

13. System should be user friendly and have automated dose calculations, programmable exposure settings with display

14. Regulatory certification: Quoted Model should have been approved/certified by Indian regulatory board (eg. AERB)

15. Similar models should have been purchased, installed and working successfully in at least three research institutes/universities in India or globally (preferably in Govt. organizations). Installations Reports or PO copies must be included to support above claims

16. Vendor should be able to demonstrate efficient working of the entire system with appropriate benchmarking tests.

17. Warranty: 5 years comprehensive, on-site after successful installation and commissioning should be quoted

18. Training/demonstration: at least 2 days of on-site training should be provided for about 10 researchers