



CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
 (COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
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PURCHASE ORDER

M/s Precision X-Ray Inc, 14 New Road Madison, CT, 06443 Through: M/s Inkarp Instruments Pvt. Ltd, Plot No. 5A/10-11, 3rd Floor, IDA Nacharam Road No.1, Nacharam Chilka Nagar Road, Hyderabad-500076.	PO No.	IICB/PUR/2025-26/599/578/49
	Date	06.02.26
	Subject	Procurement Small Animal X-Ray Irradiator
	Your Ref.	IIP/ETENDER/IICB/2025-26/HM02, dated 23.10.25 and your email dated 03.12.25 & 29.01.26

Sub: Award of contract for Supply, Installation, Commissioning and Testing of Small Animal X-Ray Irradiator

Ref:

1. IIP/ETENDER/IICB/2025-26/HM02, dated 23.10.25 and
2. your email dated 03.12.25 & 29.01.26

Sir/Madam,

I am directed to inform you that the Purchase Order for the supply, installation, commissioning and training of Small Animal X-Ray Irradiator is awarded to your firm. Accordingly, you are requested to arrange for Supply, Installation, Commissioning and Training of the offered item/items as detailed below:

Sl. No.	Estimate Description	QTY	UNIT PRICE [USD]	TOTAL PRICE [USD]
1	Small Animal X-Ray Irradiator (X-Rad225 XL) (Details is attached at Annexure A as per Quotation)	1 complete set	151003	151003
	Detailed specifications of the item and other accessories shall strictly conform to those specified in Purchaser's Tender Document No. IICB/PUR/2025-26/599/578/49 [published as a GTE on CPP portal of Government of India with tender ID 2025_CSIR_249261_1] and complied by Supplier in their quotation/offer No. IIP/ETENDER/IICB/2025-26/HM02, dated 23.10.25 and your email dated 03.12.25 & 29.01.26			
		Total FOB USA		USD 151003
			Packing	USD 1000
			Transportation & Insurance	USD 4000
			CIP Kolkata Price	USD 156003
		USD One lakh fifty six thousand and three Only		

The Purchase Order shall be governed by the General Conditions of Contract (GCC) read with the relevant Special Conditions of Contract (SCC) as stipulated in CSIR-IICB Tender Document. The technical specifications and other allied features of the ordered goods and services shall strictly conform to those specified in the CSIR-IICB Tender Document. In case, any pre-dispatch inspection has been prescribed in the tender document, the same shall be conducted in the manner laid down in the tender document or as mutually agreed between the Purchaser and Supplier.

Attention of the Supplier is also invited to the following conditions:

1	Price basis	CIP Kolkata Airport INCOTERMS 2020
2	Delivery period [for supply and installation of the ordered goods]	The entire obligations of supply and installation of the ordered goods shall have to be completed within 60 days from the date of Letter of Credit.

3	Delivery site	CIP Kolkata Airport Final Destination: CSIR-IICB TRUE Campus, CN-06, CN Block, Sector V, Bidhannagar, Kolkata, West Bengal 700091
4	Taxes & Duties	All import duties and taxes shall be borne by Purchaser. All taxes and duties in the country of export shall be borne by supplier.
5	Freight and Insurance	The ordered goods shall be shipped by supplier on freight pre-paid and duly insured for 110% of CIP Kolkata value covering all risks including SRCC
6	Custom clearance	The import consignment shall be cleared from Indian customs by the Purchaser through their own clearing agent. In order to ensure timely customs clearance, Supplier shall provide the following details at least 7 days prior to arrival of cargo flight at destination airport. <ol style="list-style-type: none"> 1. HAWB No. and date. 2. Flight No. and date. 3. Complete set of dispatch documents. 4. Local agent of Supplier's nominated forwarder, from whom delivery of the cargo is to be requested. 5. Insurance certificate
7	Installation and Commissioning	The ordered goods shall be installed and commissioned by Supplier's engineers within the delivery period stipulated in this Purchase Order. Once installation is completed, necessary training shall be imparted to Purchaser's Scientists/Technical Officers etc. for effective operation and maintenance of the equipment.
8	Warranty	The ordered goods shall be covered under on-site comprehensive warranty for a period of 05 years to be effective from the date of successful installation and commissioning of the goods. Other aspects of the warranty clause are detailed at GCC Clause 2.21 read with the relevant SCC.
9	Training	Onsite training for at least 02 days to be provided for about 10 researchers, at no extra cost.
10	Terms & Conditions	All the terms and conditions as per GCC & SCC as mentioned in the tender document of CSIR-IICB bearing No. IICB/PUR/2025-26/599/578/49 [published as a STE on CPP portal of Government of India with tender ID 2025_CSIR_249261_1] shall be applicable
11	Payment terms	An irrevocable letter of credit for USD 156003 covering 100% CIP Kolkata Price shall be established in favour of the supplier. The payment shall be released in following manner. <ul style="list-style-type: none"> • On Shipment: 80 percent (Eighty percent) of the Contract Price of all the ordered Goods shipped shall be paid upon submission of documents specified in the LC • On Acceptance: 20 percent (twenty percent) of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of Goods and successful installation & commissioning upon submission of claim supported by the acceptance certificate issued by the Purchaser along with the Performance security.

		<p>The L/C will be confirmed at the suppliers cost, if requested specifically by the supplier. All bank charges abroad shall be to the account of the beneficiary i.e. Supplier and all bank charges in India shall be to the account of the opener i.e. purchaser. If L/C is requested to be extended/ reinstated for reasons not attributable to the Purchaser, the charges thereof would be to the suppliers' account. Payment of local currency portion (if any) shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The LC for 100% value of the contract shall be established after deducting the agency commission payable if any, to the Indian agent from the FOB/FCA value.</p>
12	Performance Bank Guarantee / Performance Security	<p>Within 21 days of issue of this Purchase Order, Supplier shall furnish a Performance Security for 5% of the order value / invoice value. Other aspects of the Performance Security clause are detailed at GCC Clause 2.13 read with the relevant SCC.</p>

The Purchase Order shall be governed by the terms and conditions laid down in our tender document vide Tender Document No.: IICB/PUR/2025-26/599/578/49 [published on CPP portal of Government of India with tender ID 2025_CSIR_249261_1].

You are requested to send us the Order Acknowledgement immediately and in any case within 14 days of receipt of this Purchase Order.

This Purchase Order constitutes a binding contract between you as the Supplier and CSIR-Indian Institute of Chemical Biology as the Purchaser.

Yours faithfully,

Digitally signed by
Rubai Ray

Date: 06-02-2026

13:23:25

Controller of Stores & Purchase

For and on behalf of the CSIR-Indian Institute of Chemical Biology, Kolkata

Annexure A

Sno.	Product Description
1	<p>X-Rad225 XL</p> <p>X-ray irradiator Provides mid range energy for high and low dose rate irradiation studies in the largest available irradiation chamber, while maintaining a very small laboratory footprint.</p> <p>Easily installed with wheeled transport through all standard 32" (81cm) doorways, the complete system includes high precision X-ray generators and tubes in a state-of-the-art, fully shielded FDA-compliant cabinet. The largest 225kV chamber accommodates the widest range of system options including environmental and mouse anaesthesia chambers, large motorized turntable, X/Y targeting table, and the OptiMax Multimodal Imaging Module.</p> <p>Featuring our TouchRad control panel - a multi-user, password protected touchscreen interface - the X-Rad225 XL includes a transportable database that can track individual system usage for billing or review purposes.</p> <p>Key Features High precision 225kV X-ray tube and generator TouchRad touchscreen control panel Full screen real-time specimen viewing and image capture Highest capacity external cooling system for unmatched continuous duty cycle operation and longest X-ray tube life Filter recognition and programmable specimen shelf Automated dose calculations and dose QA</p>
	<p>Largest internal 225kV chamber for increased throughput and multiple options</p> <p>Cabinet Features</p> <ul style="list-style-type: none"> • No additional shielding required • Adjustable sample shelf, 15 - 90cm SSD • Changeable beam conditioning filter slides • Automatic warm-up with Intelligent Tube Conditioning • Interior light and camera for sample viewing • Cabinet port to introduce small tubing and cables to the chamber area • Complies with US and International regulations for Cabinet X-ray systems <p>Interface Features</p> <ul style="list-style-type: none"> • On-unit, graphical user touch-screen interface • Individual user passwords required for system operation • Up to 9999 individual accounts can be created • Excel database of exposure and user history can be downloaded to a USB drive • Programmed exposure settings, database management and user passwords controlled by an administrative Super User • External internet-based diagnostics and software updates <p>Cabinet Specification</p> <ul style="list-style-type: none"> • Overall dimensions: • W 56"(142cm) x D 31"(78cm) x H 76"(193cm)

	<ul style="list-style-type: none"> • Irradiation Chamber: • W 25"(64cm) x D 27"(69cm) x H 42"(106cm) • Weight: 3300lbs (1497kg) • Power: 230VAC 10, 50A, 50/60Hz <p>High Voltage Generator</p> <ul style="list-style-type: none"> • Maximum Output Voltage: 225KV • Maximum Current: 30mA <p>X-ray Tube</p> <ul style="list-style-type: none"> • Standard Max. Output: 225KV / 13.3mA • High Powered Max. Output: 225KV / 17.8mA • Max. Power: 4000 W • Type: Metal Ceramic, Fixed Anode, Water Cooled • Single Focal Spot: 7.5mm (per EN12543) • Dual Focal Spot with OptiMax: 1mm, 5.5mm (per EN12543) • Inherent Filtration: 0.8mm Be • Cooling Pump: Water-Air or Water-Water models available. <p>Dose Output</p> <ul style="list-style-type: none"> • Raw Beam: >12 Gy/min at 225kV, 13.3mA, 30cm SSD • Filtered Beam: ~>6.04 Gy/min at 225kV, 13.3mA, 30cm SSD • (Filter = 2mm Al) • High Powered: ~9.0 Gy/min at 225kV, 17.8mA, 30cm SSD
	<ul style="list-style-type: none"> • (Filter = 2mm Al) <p>Operators Control</p> <ul style="list-style-type: none"> • kV Setting + Display Accuracy: • 5kV – 225kV in 0.1kV increments • mA Setting + Display Accuracy: • 0.5mA - 30mA in 0.01mA increments • Settings Accuracy: < 1% • Exposure Timer: 1 - 99999 seconds • Programmable Settings: • 1000's of locations to recall exposure parameters.