

(An autonomous Research Institute of Department of Science and Technology, Government of India)

Habitat Centre, Sec-64, Phase X, Mohali – 160062, PUNJAB Phone No: 0172 – 2210056/57/73/75, Fax No: 0172 – 2211074

Website: www.inst.ac.in

INST/12(228)/2018 - PUR (RP-63)

23rd April 2019

RE-TENDER CORRIGENDUM

NIT ref. no: INST/12(228)/2018 - PUR (RP-63) dated 29/01/2019 for supply and installation of equipment: Chemiluminescence based Gel imaging system with Accessories. Institute has decided to go for re-tender due to administrative reasons. Bidders are advised to go through the new tender document before submitting the bids.

Earlier, bidders those who already had submitted their bids for this tender inquiry have to submit fresh bid as per re-tendered NIT document below. If EMD and tender fees had been submitted by the bidders in INST Account then no need to submit tender fees and EMD again. Transaction details of the earlier submitted tender fees and EMD shall have to be furnished by the bidder in the bid document.

Re-tender NIT document can be downloaded from INST website i.e. www.inst.ac.in under Tenders head. Tender head is available at the bottom of the homepage of INST website. Tender document can also be downloaded from CPPP website: www.eprocure.gov.in.

Yours faithfully

Sd/-Chief Finance and Administrative Officer



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23rd April 2019

To

RE-TENDER

NOTICE INVITING TENDER

Dear Sir,

Sealed Quotations are invited on behalf of Director, INST Mohali for the Supply and Installation of Chemiluminescence based Gel imaging system with Accessories so as to reach latest by 23rd May 2019 on or before 2.00 pm. The Quotations will be opened on the same day at 3 pm in the presence of tenderers, if any:

Before quoting, please read the instructions and technical specifications carefully as enclosed.

Note: Please attach the copies of previous supply order to any Government Institutes/ autonomous bodies/ PSU, if any, with the quotation and provide the contact person and his contact Nos.

Tender is also available on Institute website: www.inst.ac.in or CPPP website: www.eprocure.gov.in.

Yours faithfully

Sd/-

Chief Finance and Administrative Officer



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INSTRUCTIONS

- Inquiry, if any, may be sent by Courier or Speed Post. INST will not be liable for any kind of postal delay.
- The Quotation Should be addressed to the Director INST, Mohali invariably giving on the envelop Quotation for ______, Reference No. With date and due date with time.
- The Quantity mentioned in this inquiry shall be deemed to be only approximate and will not in any manner be binding on the Institute.
- The quotation should be enclosed in a sealed envelope.
- Firms will quote separately for each article.
- The rates offered should be FOR Mohali in case of firms situated outside Chandigarh and free delivery at the Institute premises in case of local firms.
- GST: The Institute is not exempted from the payment of GST. The rate (i.e., percentage of taxes applicable should be clearly indicated, wherever chargeable.
- In case of Ex-godown terms the amount of packaging forwarding freight etc. should clearly be indicated by percentage or lump sum amount. Current rate of GST must be mentioned. The institute is exempted from Customs and Excise Duty.
- The delivery period should be specifically stated. Ex-Stock and earlier delivery may be preferred.
- The firms are requested to give detailed description and specifications together with the detailed drawings, printed leaflets and literature of the Article quoted.
- The name of the manufacturers and country of manufacture should also invariably be stated. In the absence of these particulars the quotation is liable for rejection.
- Quotation should have minimum validity of 120 days from the date of opening.
- The rates quoted should be for each item separately otherwise your quotation is liable to be ignored.
- Late or delayed quotation will not be accepted.
- Director has the right to reject to the quotations and to split up the requirements or change any or all the above conditions without assigning any reason.



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RE-TENDER

NOTICE INVITING TENDER

INST invites sealed quotations from the reputed manufacturers or their authorized dealers so as to reach this office on or before scheduled date and time for the instrument, as per specifications given in the Annexure attached. All offers should be made in English and should be written in both figures and words.

The bidders are requested to read the tender instructions carefully and ensure compliance with all specifications/instructions herein. Non-compliance with specifications/instructions in this document may disqualify the bidders from the tender exercise. The Director, INST reserves the right to select the item (in single or multiple units) or to reject any quotation wholly or partly without assigning any reason. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.

1.	Name of the Instrument	Chemiluminescence based Gel imaging system with Accessories	
2.	Ref. No.	INST/12(228)/2018 - PUR (RP-63)	
3.	Quantity required	One	
4.	Tender Fee (Non-Refundable)	Rs. 590/- (Rupees Five Hundred Ninety Only) incl.	
		of GST	
5.	EMD	Rs. 20, 000/- (Rupees Twenty Thousand Only)	
6.	Time for completion of supply after placing	One Month	
	purchase order		
7.	Last Date of submission of Tender	23/05/2019 (Thursday) before 2.00PM	
8.	Tender to be submitted at the following	The Director,	
	address	Institute of Nano Science and Technology,	
		Habitat Centre, Sector 64, Phase -X, Mohali,	
		160062, Punjab, India	
9.	Date and time of opening of bid	23/05/2019 (Thursday) at 3.00PM	

Note: The Institute shall not be responsible for any postal delay about non-receipt / non delivery of the bids or due to wrong address.

TERMS AND CONDITIONS

Important Conditions of the tender to be abide by the tenderer

- 1. **Due date**: The tender has to be submitted before the due date. The offers received after the due date and time will not be considered.
- 2. **Preparation of Bids**: The offer/bid should be submitted in single bid system (i.e.) Technical bid cum financial bid. The Quotations should be valid for 120 days from the due date. The Quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to "The Director, Institute of Nano Science and Technology, Habitat Centre, Sector 64, Phase –X, Mohali, 160062, Punjab" so as to reach on or before the due date.
- 3. **Delivery of the tender**: The tender shall be sent to the addressee given in para 2 (above) either by post or by courier so as to reach our office before the due date specified in our Schedule. The



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offer/bid can also be dropped in the tender box on or before the due date specified in the schedule.

- 4. **Opening of the tender**: The offer/bid will be opened by a committee duly constituted for this purpose. The bidders if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate in the tender opening. Only
- 5. **Acceptance/Rejection of bids:** The INST reserves the right to reject any or all offers without assigning any reason.
- 6. **Tender Fee (Non-Refundable)/EMD:** Tender fee/EMD is to be obtained from the bidders except those who are registered with the Central Purchase Organisation, National Small Industries Corporation (NSIC) or the concerned Ministry or Department. The tenderer should submit Tender Fee/EMD amount as per tender ref. no. through NEFT/RTGS in INST Account. Account Details are as follows:
 - **a.** Name of Beneficiary: Institute of Nano Science and Technology (INST)

one representative will be allowed to participate in the tender opening.

- b. Account No. 2452201001102
- c. Name of Bank: Canara Bank, Sector 34, Chandigarh

The tender box is kept in Foyer area of INST.

- d. IFS Code: CNRB0002452
- e. MICR Code: 160015003
- f. Swift Code: CNRBINBBFFC

The details of transaction for Tender fee/EMD viz. Name of bidder firm, Tender Description, Transaction ID/No. of Transfer, Transaction date, Amount of Transaction, Name of Bank, Address of Bank shall be furnished by the tenderer on their letterhead separately along with their tender.

- 7. **Refund of EMD**: Bid securities of the unsuccessful bidders shall be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. In case of successful Tenderer, it will be retained till the successful and complete installation of the equipment.
- 8. **Performance Security**: The supplier shall be required to submit the performance security in the form of irrevocable bank guarantee issued by any Indian Nationalized Bank for an amount which is equal to the 10% of Purchase value at the time of the installation of the equipment covering warranty period of the equipment and should be kept valid for a period of 60 days beyond the date of completion of warranty period.

9. **REASONABILITY OF PRICES**:

Please quote best minimum prices applicable for a premier Research Institution, <u>leaving no scope</u> <u>for any further negotiations on prices</u>. The quoting party should give a certificate to the effect that the quoted prices are the minimum and they have <u>not quoted</u> the same item on lesser rates than those being offered to INST to any other customer nor they will do so till the validity of offer or execution of the purchase order, whichever is later. We request you to fill the price reasonability certificate format in the enclosed file (Annexure "1")

The party must give details of identical or similar equipment, if any, supplied to any CSIR labs/DBT Institutes during last three years along with the final price paid and Performance certificate from them.

- 10. **Force Majeure:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.
 - For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such



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events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

- If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.
- 11. **Risk Purchase Clause**: In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause.
- 12. **Packing Instructions**: Each package will be marked on three sides with proper paint/indelible ink, the following:
 - i. Item Nomenclature
 - ii. Order/Contract No.
 - iii. Country of Origin of Goods
 - iv. Supplier's Name and Address
 - v. Consignee details
 - vi. Packing list reference number
- 13. **Delivery of Goods:**

Delivery should be given at **Institute of Nano Science and Technology**, **Habitat Centre**, **Sector - 64**, **Phase 10**, **Mohali** within a maximum of one month's time from the date of placement of purchase order.

- 14. **Delayed delivery:** If the delivery is not made within the due date for any reason, INST will have the right to impose penalty @ 0.5% per week and the maximum deduction is 10% of the contract value / price.
- 15. **Prices**: The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of taxes & duties shall be clearly indicated. The price should be quoted without custom duty and excise duty, since INST is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. (**Please refer Annexure 2 for the price to be quoted**).
- 16. **Notices:** For the purpose of all notices, the following shall be the address of the Purchaser and Supplier.

i. Purchaser:	The Director,	
	Institute of Nano Science and Technology,	
	$Habitat\ Centre,\ Sector-64,\ Phase\ X,\ Mohali-160064.$	
ii. <i>Supplier:</i>	(To be filled in by the supplier)	



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17. **Resolution of Disputes**: The dispute resolution mechanism to be applied pursuant shall be as follows:

- i. In case of Dispute or difference arising between the Purchaser and the supplier relating to any matter arising out of or connected with this contract, such disputes or difference shall be settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director, Institute of Nano Science and Technology (INST) Mohali and if he is unable or unwilling to act, to some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order.
- 18. **Applicable Law:** The place of jurisdiction would be Mohali (Punjab) INDIA.

19. **Right to Use Defective Goods**

If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.

20. Training

The Supplier is required to train the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment.

21. Installation & Demonstration

The supplier is required to do the installation and demonstration of the equipment within one month of the arrival of materials at the INST site of installation, otherwise the penalty clause will be the same as per the supply of materials.

22. **Warranty**: Three years warranty shall have to be provided by the firm. The Warranty should be comprehensive on site.

Note: <u>If the OEM warranty is for 12 Months</u>, additional extended warranty of two years should be quoted separately with or without price. Also. If a different period of warranty has been specified in the 'Technical Specifications of the equipment' then the period mentioned above shall stand modified to that extent.

23. <u>AMC</u>: AMC for next five years after completion of warranty period shall be clearly mentioned by the bidder(s) in their bid(s) separately. AMC charges quoted by the bidder shall be reserved by the institute and will be taken after expiry of the warranty of the equipment.

24. Taxes and Duties

Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, GST in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order.

- 25. **Payment**: 100% payment shall be made by the Purchaser after delivery, inspection, successful installation, commissioning and acceptance of the equipment at INST in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 8 of tender terms and conditions.
- 26. **User list:** Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.



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27. Manuals and Drawings

- Before the goods and equipments are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications.
- The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract.
- Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser.
- 28. **Site Preparation**: The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other pre-installation requirements.

- 29. **Shifting**: After 3-4 years once our new building is ready, the supplier has to shift and reinstall the instrument free of cost.
- 30. **Downtime:** During the warranty period not more than 5% downtime will be permissible. For every day exceeding permissible downtime, penalty of 1/365 of the 5% FOB/FCA/CIP/F.O.R value will be imposed. Downtime will be counted from the date and time of the filing of complaint with in the business hours.
- 31. **Acknowledgement**: It is hereby acknowledged that we have gone through all the conditions mentioned above and we agree to abide by them.

SIGNATURE OF TENDERER
ALONG WITH SEAL OF THE COMPANY WITH DATE



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BID PARTICULARS

I.	Name of the Supplier:
2.	Address of the Supplier:
3.	Availability of demonstration of equipment: Yes / No
4.	Tender cost enclosed: : Yes/No if yes
5.	Online Tender fee/EMD submission information enclosed : Yes / No if Yes
	Transaction ID/No. of Transfer
	Transaction date:
	Amount of Transaction
	Name of Bank
	Address of Bank
6.	Name and address of the Officer/contact person to whom all references shall be made regarding this
	tender enquiry
	Name:
	Address:
	Ph:
	Fax:
	Mobile:
	Email:
	Weh·



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Compliance statement for the tender specifications

Tender Ref No.: <u>INST/12(228)/2018 – PUR (RP-63)</u>

S.No.	Check list of documents/Undertakings	Yes/No	Remarks (give explanation if the answer is No)
1.	Is Tender fee/EMD details attached? (if applicable)		
2.	Is the bidder original equipment manufacturer		
	(OEM)/authorised dealer?		
3.	If authorised dealer, recent dated certificate to this effect from OEM, attached or not?		
4.	Undertaking from OEM regarding technical support & extended warranty period		
5.	Validity of 120 days or not?		
6.	Price Reasonability Certificate enclosed as per format??		
7.	Undertaking from bidder regarding acceptance of tender terms & conditions		
8.	Whether list of reputed users (along with telephone numbers of contact persons) for the past three years specific to the instrument attached?		
9.	Does the instrument comply with all the specifications detailed? Attach a separate sheet showing compliance with the specifications and explanations thereto if the equipment varies from the requested specifications.		
10.	Whether free Installation, Commissioning and		
	Application Training offered?		
11.	Whether comprehensive onsite warranty offered?		
12.	Whether Annual maintenance after expiry of comprehensive onsite warranty quoted separately?		
13.	Whether free of cost shifting of instrument from transit campus to main campus offered?		



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Annexure - 1

PRICE REASONABILITY CERTIFICATE

This is to certify that we have offered the maximum possible discount to you in our Quotation No.
dated for (Value Rs.)
We would like to certify that the quoted price are the minimum and we have not quoted the same item on lesser rates than those being offered to INST to any other customer nor we will do so till the validity of offer or execution of purchase order, whichever is later.
Seal and Signature of the tenderer



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Annexure - 2

Name	of Equipment with Model No:			
Name	& Address of Manufacturer:			
Price Quoted				
A.	For Indigenous Equipment			
I.	Cost of equipment (Rs.)			
II.	GST (Rs.)			
III.	Any other charges (Rs.)			
IV.	Total cost of equipment (in Rs.) F.O.R, INST, Mohali			
В.	For Imported Equipment			
I.	Cost of equipment (In Foreign Currency)			
II.	Packing and Forwarding			
III.	FOB/FCA Price			
IV.	Freight charges upto Delhi Airport			
V.	Insurance (110% of the cost of the equipment)			
VI.	CIF/CIP upto Delhi Airport			

Signature of Tenderer with date and seal



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TECHNICAL SPECIFICATIONS FOR CHEMILUMINESCENCE BASED GEL IMAGING SYSTEM WITH ACCESSORIES

1. Imager:

 a) A cooled CCD imager for imaging of chemiluminescent Western Blots, Fluorescent proteins and DNA gel stains and white light imaging of colorimetric stains and markers.

2. Sensitivity:

a) System should enable detection of picogram levels of sample with chemiluminescence. Limit of detection (LOD) should be 5 picogram or less for chemiluminescence detection.

3. System control and Image output:

- a) System should have inbuilt touchscreen based control and image output. It should have on
- b) board capture and analysis software for ease of use and automation, without the need of external computer.
- c) System should take simultaneous imaging of chemiluminescent samples and colored molecular weight markers and perform automatic image overlay functions.
- d) The Image output formats from the system should be in Grayscale 8-bit/16-bit (.tiff) & Color image (.jpg).

4. Camera:

a) Scientific grade cooled CCD based camera with fixed focused lens of 30mm or better.

5. Pixel Depth:

a) True 16 bit (65536 grey levels) with dynamic range of 4.8 or better.

6. Cooling:

a) Peltier based cooling of CCD up to – 25°C for noise free images. Cooling time should be less than 5 minutes.

7. Resolution:

a) System should have at least 8.0 Mega pixel (MP) CCD chip for high resolution and quantitative imaging of gels and blots

8. Camera device:

a) Should have bright lens with and should not require focusing and calibrations for quantitative blot- and gel- imaging

9. Data transfer:

a) High speed interface USB 2.0 and Ethernet for fast data transfer.

10. Exposure time:

a) Exposure time from 1/10to 1 hr and can be set up to 12 hrs in incremental mode or better.

11. Dark room:

- a) Compact network dark room should include UV, White and blue epi-illuminator sources.
- b) Suitable be supplied with filters for Sybr Green, SYBR Green II, SYBR Gold, Deep purple,EtBr

12. Sample Positioning:

a) Sample placement slot should be fixed and application specific trays for samples should be Provided

13. Imaging modes:



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a) Image capturing modes should be automatic, semi auto, manual (Exposure times given manually), incremental (upto 12h) and programmable (generates multiple images in user defined exposure time and waiting time) imaging. System should not need any calibration for imaging.

- b) System should be able to take at least 10 incremental images in chemiluminescence imaging mode.
- c) System should have automatic dark frame correction, flat frame correction and distortion correction

14. Ease of use

- a) System should have automatic focusing, light source and emission filter selection based on the application selected, no need for manual intervention
- b) System should have an indicator for stating ready for use
- c) System should be plug and play and installation should be possible even by the user
- d) System should come with developing solutions/kits for chemiluminescence detection (for at least 10 reactions of mini-blot size).

15. Image Analysis

- a) Analysis software should be provided for: 1D electrophoresis gel and blot analysis, Array
- b) analysis, Colony counting & basic 2D spot measurement,
- c) Should be capable of detection and quantitation of protein and DNA gels / blots with
- d) publication grade reporting.
- e) The analysis software should be capable of single click detection of single and multi-tier gels
- f) Analyse multiplexed images such multiplexed Western blots or 1D DIGE.

Optional Accessory

- 1. System should come with a color image scanner with resolution minimum 300dpi
- Instrument should come with upgraded version of control software (should be included in price), high end computer system (i7 processor, 8 GB RAM, 1TB HDD, with CD/DVD RW, 23.8 inch TFT Monitor, Keyboard, Mouse, Win 10 or equivalent), Colour laser printer, UPS system should be supplied along with instrument.