



National Institute of Technology Durgapur

DEPARTMENT OF BIOTECHNOLOGY

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Website: www.nitdgp.ac.in

BID REFERENCE: NITD/BT/SC/DBT-COE/Equipment2/2016-17/01

Date: February 28, 2017

To.....

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Dear Sir/Madam:

Kindly quote (technical & financial bids separately) your rates for the supply of following equipment with specification.

Sl. No	Name of the Instrument	Quantity
01	<p><u>Semi-Dry Electrophoretic Transfer apparatus for Western Blot with Power supply unit.</u></p> <p>Includes transfer cell and agarose gel support frame. Specifications:</p> <ul style="list-style-type: none">➤ Max. gel size (W x L): 24x16 cm➤ Buffer requirement: approximately 200 ml➤ Gel capacity: 4 Mini-protein precast gels, 4 ready gel precast gels, 4 Mini-protein hand-cast gels.➤ Dimensions (W x L x H): approximately 40x25x12 cm <p><u>Power supply unit: HC Power Supply, 220-240V</u></p> <p>Output range (programmable): Volts: 5–250 V Current: 0.01–3.0 A Power: 1–300 W</p> <ul style="list-style-type: none">➤ Type of output (with automatic crossover): Constant voltage, Constant current, or Constant power➤ Timer: 1min–99hr➤ Pause/resume function: Yes➤ Automatic recovery/after power failure: Yes➤ Safety features: No-load detection; sudden load change detection; ground leak detection; overload /short circuit detection, overvoltage protection➤ No. of output jacks: 4 sets in parallel➤ Input power (actual): 90–120 or 198–264 VAC, 50/60 Hz, auto switching	01

02	<u>Gradient PCR Machine</u> <ul style="list-style-type: none"> • Should have a sample capacity of 96x0.2ml tubes, 0.2ml tube strips or 1x96-well plate with Peltier heating and cooling. • Should have gradient capability • Should have the feature of dynamic ramping (identical hold times) for all the 8 rows of a gradient. • Should have intuitive-touch screen for easy programming. • Should have a maximum ramp rate of 4°C/second with an average ramp rate of 2.5°C. • Should have block and calculated temperature control modes. • The software should have exportable Run logs and system error logs • Should have quick boot up time of not more than 1 min. • System should have built in library of standard protocols for long PCR, fast PCR, reverse transcription PCR. • Should have power save mode. 	01
03	<u>Refrigerated Tabletop Centrifuge</u> <ul style="list-style-type: none"> • Swing out: 4000 rpm and for angel: 14,000 rpm. • Maximum rcf swing out: 3000 × g and for angel: 20,000 × g. • System should speed set range of 500-14000. • Speed set step of 10 rpm. • System should have control accuracy of ± 20 rpm. • Should have LCD display for showing parameters. • Should have short spinning function. • The machine should have maintenance free, brushless motor. • The machine should have Errors indication system for Imbalance, improper chosen rotor, and interruption centrifugation program. • The machine should give the signals of failure in the power supply. • The machine should come with rotor for 15/50 ml tubes. • Overall dimensions should not exceed 800 × 550 × 400 (w × d × h) mm. 	01
04	<u>Refrigerated Micro Centrifuge</u> <ul style="list-style-type: none"> • Maximum speed should be 13,500 rpm & RCF should be 17,135×g. • Should be able to accommodate 24 tubes of 1.5/2.0 ml volume. • Quick-cool function should be there to cool down the temp up to 4°C in very minimal time. • Should have large LCD display for viewing speed & temp. • Operating temp range should be between -8°C to 40°C . • Timer can be set up to 99 minutes or can be operated in continuous mode. • Quick button should be there for momentary run. • Rotor should also accommodate tall screw cap and spin–prep tubes. • Imbalance detection system with automatic shut-off. • Optional Strip Spin Adaptor should be available. • Individual adaptors for 0.5 ml tube sizes should be available. 	01

You are also requested to mention/attach the following information/documents along with the quotation.

a) Latest sales tax clearance certificate, b) credential of selling of the said equipment to research institution/Central university funded by Govt. of India, c) special discount, if any for Educational Institution without any pre-condition and d) catalogue specification of the item, e) warranty certificate for at least one year. Purchase will be made as per purchase rule of the Institute. Delivery should be made to the Department of Biotechnology, NIT Durgapur within 60 days from the date of issue of purchase order.

Terms of payment: Within 21 days on receipt of delivery challan, bill in duplicate with the installation certificate and warranty certificate. 100% payment will be made.

For each item, please quote separately in separate envelope superscripted with ITEM Name. Price bid form as per Annexure-II must be filled with complete numerical values.

The quotation has to be submitted to Prof. Sudip Chattopadhyay, Department of Biotechnology, NIT Durgapur-713209 on or before 21 days from the date of advertisement.

Thanking you,
Sincerely,

Prof. Sudip Chattopadhyay,
Principal Investigator
Department of Biotechnology
NIT Durgapur, Durgapur 713209

(Annexure-I)

1. Bid Price

- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and rewriting.
- b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
- c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- d) The bid price may be quoted in Indian Rupees.

2. The bid submitted by the bidder must comprise the following:

- (a) **All the specifications claimed in the submitted documents should be supported by catalogue/literature/manual.**
- (b) Authorized dealership certificate from the original manufacturer (in case of authorized dealer/ distributor)
- (c) credential of selling (where the bidder supplied the item) the said equipment to research institution/university funded by Govt. of India (with the name and phone no. of the Scientist/faculty)
- (d) Warranty period (one year comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate
- (f) Price bid as stated above.

3. Manufacturer/authorized agent of **reputed brands of high technical quality** with adequate after-sales support facilities are eligible to apply.

4. Validity of Quotation

Quotation shall remain valid for a period not less than 30 days after the deadline date specified for submission.

5. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e.

- (a) Which are properly signed and
 - (b) Conform to the terms and conditions, and specifications as described.
- The Quotations will be evaluated separately for each item.

6. Award of contract

- (a) The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price. However, the decision of the Project Tender Committee, which will have the power to decide over the right product, will be final in this regard.

- (b) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - (c) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser accordingly. The terms of the accepted offer shall be incorporated in the purchase order.
- 7. Delivery shall be made at Department of Biotechnology, NIT, and Durgapur.
- 8. Payment shall be made immediately within 30 days after satisfactory installation, commissioning and acceptance of the good.
- 9. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
- 10. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a) Scientific and technical instruments, apparatus, equipment (including computers)
 - b) Accessories, spare parts and consumables thereof
 - c) Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
- 11. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of 5% of the order value towards **Performance Security** during the warranty period. Else, 95% of the payment will be released retaining 5% of the order value towards Performance Security during the warranty period.
- 12. **Liquidated Damage** will be applicable at the rate of 0.5% per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10%.
- 13. Quotations are to be submitted **in sealed covers** containing relevant documents, superscripting "**Bid No. -NITD/BT/SC/DBT-COE/Equipment2/2016-17/01**".
- 14. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
- 15. The bid document must be signed and sealed.
- 16. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
- 17. All other terms and conditions of GFR 2005 of the Government of India will be application.

We look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Prof. Sudip Chattopadhyay,
Principal Investigator,
Department of Biotechnology,
NIT, Durgapur -713209, W.B.
E-mail: sudipchatto@gmail.com Website: www.nitdgp.ac.in
Telephones: + 91-343 275-4030

(Annexure – II)

PRICE BID

1	2	3	4		5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit		Unit Price (a)+(b)	Sales tax/ VAT & other taxes payable [admissible only on col. 4(a)]	Total Unit Price (5)+(6)	Total Unit Price (in words)
			Ex-factor/ ex-warehouse/ ex-showroom/ off the shelf (a)	Incidental Services (b)				

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder

Name

Business Address

Place:

Date: