

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

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BID REFERENCE: NITD/ME/ SERB-DST/2014/01

Date: 24.02.2014

To

Dear Sir,

SUB: Invitation for quotations for supply and installation of Instruments/ Equipment/ Software for SERB, Department of Science and Technology, Government of India sponsored project “**Investigation of heat transfer and fluid flow phenomenon of artificially roughened duct using liquid crystal thermography system**” (Project No. No. **SB/EMEQ-314/2013**, dated Oct 28, 2013) as specified in **annexure-II**.

1. You are invited to submit your most competitive quotation for the listed items of instruments/equipment/ Software as per **Annexure-II**. **For each item, please quote separately in separate envelope superscripted with ITEM Name**. Price bid form as per Annexure-I must be filled with complete numerical values. Please note that each item will include sub-items. **No separate quotations are required for sub-items.**
2. **Bid Price (Annexure-I)**
 - 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 must be quoted in **Indian Rupees**.
3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar item to reputed organization to their full satisfaction and furnish a list of the same.
4. **The bid submitted by the bidder must comprise the following:**
 - (a) Detailed technical specifications, conforming to the given specifications (vide Annexure – I), and literature /drawings /manuals of the Items/services to be supplied
 - (b) Authorized dealership certificate from the original manufacturer
 - (c) Credentials and list of organizations where the bidder supplied similar items
 - (d) Warranty period (1 year comprehensive on-site)
 - (e) Valid sales-tax / VAT clearance certificate
 - (f) Price bid as per Annexure-I
5. **Validity of Quotation**

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.
6. **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.

7. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive, technologically acceptable and who has offered the lowest evaluated quotation price.

7.1 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.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Mechanical Engineering at NIT, Durgapur.**

9. Payment shall be made immediately within 30 days after satisfactory installation, commissioning and acceptance of the Item.

10. Comprehensive onsite warranty shall be applicable to the supplied Items for a period of **12 months** from the date of installation.

11. 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.

12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of 10% of the order value towards **Performance Security** during the warranty period. Else, 90% of the payment will be released retaining 10% of the order value towards Performance Security during the warranty period.

13. 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 %.

14. A bank draft or bank guarantee worth 2% of the quoted value payable to **“PROJECT-AL-DST-1”** at Durgapur will be enclosed with the bid by the bidder towards the **Earnest Money Deposit (EMD)**. The EMD shall remain valid for a period of **105 days**.

15. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.

16. You are requested to provide your offer latest by 11.00 hours on **March 24, 2014**

17. The purchaser will open the bids at 11.30 hours on **March 24, 2014** in the seminar room of Mechanical Engineering Department

18. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.

19. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.

20. Comprehensive onsite warranty for **12 months** from the date of satisfactory installation shall be applicable for offered Items.

21. All other terms and conditions of GFR 2005 of the Government of India will be application.

22. Place of Delivery: Dept. of Mechanical Engineering, NIT Durgapur.

23. Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at Department of Mechanical Engineering, NIT Durgapur.

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

The bid must be addressed to:

Dr. Apurba Layek

(Project Supervisor)

e-mail: apurba_layek@yahoo.co.in

Department of Mechanical Engineering

NIT, Durgapur -713209, W.B.

LIST OF ITEMS

Sl. No.	Brief Description of the Items	Minimum Specifications	Quantity
01.	Liquid crystal thermography system	1 CCD digital color camera with C mount and cables, Macro lens: 13–102 cm (5–40) working distance, Nominal field of view range 8–396 mm (0.315–15.6), IEEE Firewire, High resolution optics, Boom stand and all associated system cables, IR free fiber optic based white light source, Color temperature calibrator, Calibration system of 0.1°C, calibration controller, Image acquisition and processing software, TEC controller, Liquid crystal bottle.	One set
02.	LCT sheet	LCT sheet (R35C5W, R40C5W & R45C5W)	One each
03	Data Logger	Data Acquisition system with 62 channels.	One set