

INVITATION FOR QUOTATION

TEQIP-II/2015/NITECR/Shopping/108

27-Oct-2015

To,

Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Muffle Furnace - Tubular Horizontal type high temperature Furnace (1400 °C)” operating under various gas atmosphere	1	60	Department of Metallurgical Engineering , National Institute of Technology, Raipur, Chhattisgarh	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase II** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
 - 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

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

6.1 are properly signed ; and

6.2 Confirm to the terms and conditions, and specifications.

6.3 The Tenderer / Bidder need to submit the following certificates along with the quotation to

- * Confirm their eligibility:

- * Proof of establishment of Firms/shop/business/manufacturing unit etc. and Dealership certificate from the principals etc.

- * A valid Sales Tax/Commercial Tax/Service Tax certificate should be enclosed

7. The Quotations would be evaluated for all items together.

8. Award of contract:

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.

8.1 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.

8.2 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.

9. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 0% of total cost

Satisfactory Acceptance - 100% of total cost

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **15:00** hours on **20-Nov-2015** .

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) **YES**

14. Testing/Installation Clause (if any) **YES**

15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

16. Sealed quotation to be submitted/ delivered at the address mentioned below,

National Institute of Technology (Formerly Engineering College, Raipur) Raipur – 492 010
(Chhattishgarh)

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

REGISTRAR

NIT RAIPUR

Annexure I

Sr. No	Item Name	Specifications		
1	Tubular Horizontal type high temperature Furnace (1400 °C)" operating under various gas atmosphere	Construction and Insulation: A Horizontal Tubular Furnace with operating temperature 1400 °C (working temperature not less than 1350 °C). Furnace must have High purity alumina bricks and ceramic fibre insulation package as efficient insulation. Separate controller to purge pure or mix flow of various gases namely: Ar, O ₂ , N ₂ etc. attached with flow meters & valves. An atmosphere humidifier (bubbler) must be provided as a separate attachment.		
		S.No.	Parameter	Detail Specifications
		1.	Cabinet	Housing should be made up of closed, painted & aesthetically pleasing metal body (Mild steel and SS sheet) maintaining proper safety with easy connection and maintenance of electrical power, water and pressurised fluid system.
		2.	Furnace Tube	2 No's (one with furnace and one spare) of high purity recrystallized Alumina Tube of (Al ₂ O ₃ , 99% purity) having minimum 60 mm (OD) X 700 mm (length)

		3.	Thermocouple	Rapid Response Thermocouple “R type” (13% Rhodium-Platinum / Platinum) with ceramic (alumina) sheath.
		4.	Temperature Uniformity	Within +/- 5°C or better, centre of hot zone after 30min soak at maximum working temperature.
		5.	Working Temperature and Heating Elements	Max temperature 1400 °C (Working temperature not less than 1350 °C) , Silicon Carbide (SiC) solid rod, distributed along both side of the alumina tube.
		6.	Heating Rate	Ramp Rate of heating 0.5 to 6 °C/min or higher and cooling less than of maximum natural cool rate.

		7.	Power rating	Electric Power rating 230 V AC single phase 50 Hz operation.
		8.	Temperature Controller	Complete set to provide the required thermal cycle, programmable for more than 16 segments - with accuracy +/- 1 °C.
		9.	Power control	Thyristorised full automatic with current limit provision.
		10.	Spares	Must be provided following spare for smooth operation of furnace: Spares : a) Heating element set (6 Pcs makes a set) b) Thermocouple R type set c) Alumina Tube dia 60mm x 700mm

		11.	Installation, Commissioning and Training	The delivery of the instrument should be considered done only after its successful commissioning. The pre-installation requirements might be communicated to NIT Raipur in advance of the installation. The Installation, commissioning and training should be done only by trained equipment engineers at NO EXTRA COST.
		12.	Warranty	One year comprehensive Warranty (onsite warranty, buyer will not provide any cost during the period of warranty) including heating elements and controller.
		13.	After-sales Service	The supplier should offer after-sales services such as regular instrument maintenance, troubleshooting and fixation, whenever required, without much delay.
		14.	Delivery	FOR NIT Raipur, Must be within 3 months

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ————— (Amount in figures) (Rupees —————amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____