

## INVITATION FOR QUOTATION

TEQIP-II/2012/WB2G02/Shopping/41

25-Sep-2012

To,

**Sub: Invitation for Quotations for supply of Goods**

**Package Code: TEQIP-II/WB/WB2G02/44**

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	PID Controlled Floor mounted High Temperature Tube Furnace	1	20	Metallurgical & Material Engg.	Yes

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to **US\$ 300 Million** 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 total price.

3.4 **Applicable taxes shall be quoted separately for all items. Please note that the Excise exemption & Customs concession is applicable to Jadavpur University.**

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. **Validity of quotation:** Quotation shall remain valid for a period not less than **45** 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 Tender Specific authorization from OEM or from the OEM authorized sole distributor should be submitted by the bidder.

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

- Quotations will be compared on the basis of quoted price for goods at its final destination.
- Past performance & experience may be furnished to consider the credential of the bidder

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:  
**100% of the total cost immediately after delivery, Satisfactory installation along with demonstration and testing of the goods and also acceptance by the department.**
10. All supplied items are under normal commercial warranty/ guarantee of not less than **12** months from the date of successful acceptance of items.
11. Rate of AMC may be furnished separately, which will be applicable at the end of the normal commercial warrant period.
12. You are requested to provide your offer latest by **15:30** hours on **10-10-2012**. Bids will be opened on the same day at 16:00 hours.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **Demonstration at the time of Installation**
15. Testing/Installation Clause (if any) **Satisfactory Installation & Testing is required**
16. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
17. Sealed quotation to be submitted/ delivered, **within 15:30 hours of 10-10-2012**, at the address mentioned below,  
**TEQIP CELL, 2<sup>nd</sup> Floor, Aurobindo Bhavan, Jadavpur University, 188, Raja S. C. Mallick Road, Kolkata- 700 032.**
18. We look forward to receiving your quotation and thank you for your interest in this project.

**Mr. Gour Krishna Pattanayak**  
**Nodal Officer, Procurement (Offg.)**  
**TEQIP, Phase-II**

## Annexure I

Package Code: TEQIP-II/WB/WB2G02/44

Sr. No	Item Name	Specifications
	<p style="text-align: center;"><b>PID Controlled Floor mounted High Temperature Tube Furnace</b></p>	<p>Maximum operating Temperature 1400<sup>0</sup> C Tube furnace +/- 5<sup>0</sup> C accuracy</p> <p><b>Construction</b> : Platform/Table-mounting M. S. welded sheet-metal box type fabrication in a composite assembly with hammer-tone paint, the Heating Cavity being housed on the top, while the Control Panel with electrical gearing is housed in Control Cubicle below the Furnace, thereby needing lesser table space.</p> <p><b>Furnace chamber 160mm width,150 mm height and 300 mm length</b>            Provided with gas-tight non-ferrous End-Seal/s with O-Rings and with integral gas inlet/outlet metallic Pipes, in case of impervious Tubes for Controlled Atmosphere operations only.</p> <p><b>Refractory</b> : Internal refractory lining made of Hot Face Refractory insulations backed by low heat capacity refractory and ceramic fibre insulations of different grades with fan cooling for low skin temperature. Provided with removable Refractory Plugs to snugly go inside the Tube bore.</p> <p><b>Tube : Alumina impervious 70 mm i.d. 1000 mm long</b></p> <p><b>Heating Elements</b> : Matched set (4nos) of Silicon Carbide Heating Elements horizontally mounted directly radiating with their axes parallel to the Tube axis.</p> <p><b>Heating space</b>-70mm and 200 mm hot zone</p> <p><b>Temperature Limits</b> : Specified for firing in atmosphere which does not detrimentally react Silicon Carbide. [ These limits to be reduced according to the nature and concentration of adverse atmosphere/s ] <b>rod</b>            Heating element: 4 nos silicon carbide</p> <p><b>Electricals</b> : Thyristorised Solidstate Circuitry renders wide range step less variation of load currents/voltages and their regulation with adjustable 'limit' and 'soft-start' features for manually adjusting power-input with temperature-rise and gradual element-ageing.</p> <p>Special electrical gearing with provision of element inter-connection change-over by Link-system to derive longer element-life</p> <p>PID-Temperature Controller/Programmer, analogue Ammeter &amp; Voltmeter, Pilot Lights, Control Switches, etc. are housed in the draw-out Panel.Calibration+/- 0.25% , auto tuning</p> <p><b>Thermocouple</b> : Platinum-Rhodium Thermocouple (Type R) in high Alumina Sheath inserted into the heating cavity surrounding the hot zone portion of the Furnace Tube through roof of the Furnace cavity connected with required length of Compensating Cable.</p>

		<p><b>Power supply – 230V,1 phase,AC-50 Hz/4 K.W</b></p> <p><b>Accessories :</b> 2 nos. End-Seals with O-Rings :</p> <ul style="list-style-type: none"><li>1 no. with 8 mm o/d pipes for inlet &amp; outlet of atmosphere</li><li>1 no. without any pipe for one end</li></ul> <p><b>Standard Tools &amp; Spares :</b></p> <ul style="list-style-type: none"><li>1 No. Pliers for Element Clips, 1 No. Tubular Spanner, 2 Nos. Thyristor Fuses.</li><li>3 nos. O-Rings for End-seals</li></ul>
--	--	--

**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

**Package Code: TEQIP-II/WB/WB2G02/44**

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)
<b>Total Cost</b>							

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: \_\_\_\_\_