

## INVITATION FOR QUOTATION

TEQIP-III/2018/iies/Shopping/15

22-Apr-2018

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	Microprocessor Controlled Electrolytic sample preparation system	1	30	Metallurgy and Materials Engineering Department, IEST	Testing and Installation required

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 III** 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 **40** 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.

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 - 90% of total cost**

**Satisfactory Acceptance - 10% of total cost**

10. All supplied items are under warranty of **36** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **15:00** hours on **16-May-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Training required**
14. Testing/Installation Clause (if any) **Testing and Installation required**
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,  
P.O: Botanic Garden Dist: Howrah West Bengal 711103
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Dr. Ankita Pramanik)

Nodal Officer (Procurement), TEQIP-III

IEST, Shibpur

#### Annexure I

Sr. No	Item Name	Specifications
1	Microprocessor Controlled Electrolytic sample preparation system	<p>Electrolytic sample preparation system refers to microprocessor controlled electrolytic polishing-cum-etching unit with in-built scan function. It should provide a user friendly and efficient means for polishing and etching of wide range of materials. The system should integrate (i) Control unit-cum-power supply unit with in-build scan function and (ii) polishing-cum-etching unit along with chiller Unit. The complete system should be table top and polishing unit containing the hazardous electrolytic solution should have provision to be placed in a Fume Cabinet, away from Control Unit, for operator safety. The system should monitor the temperature of electrolyte, actuate the solenoid valve to facilitate cooling and shut down itself in case cooling is not effective and electrolyte temperature rise to safety limit.</p> <p><b>Control unit-cum-power supply unit with in-build scan function:</b> (i) The microprocessor should have built in stored method database for all standard materials like Steel, Low Carbon Steel, Medium Carbon Steel, Hardened Steel, Stainless Steel, Aluminium,</p>

		<p>Aluminium Alloys, Copper, Brass and Titanium to all other user quickly select polishing/ Etching parameters without the need for scanning the voltage current density curve every time. (ii) User should also be able to save new additional method generated via scanning of the voltage-current density curve for future use. (iii) The control unit should allow the user to program/change each of the following parameters: (a) polishing voltage, (b) polishing time, (c) etching voltage, (d) etching time and (e) flow rate for electrolyte. (iv) The control unit should display the complete Voltage-Current Density curve as generated after a Load Simulation or Sample Scan. (v) Input Power Supply: single phase, 220 V and 50 Hz, and (vi) Computer interface facility should be provided for transferring the Voltage Current Density data in the form of a spread sheet for comparison purpose and documentation.</p> <p><b>Polishing-cum-Etching Unit and Chiller:</b> (i) Polishing-cum-Etching Unit should have temperature sensitive automatically actuated solenoid valve to open when the temperature of electrolyte rises, allowing cold water or liquid from external cooling unit to flow through the cooling coil submerged in the electrolyte container. (ii) Capacity of the electrolyte container should not be around 500 ml. (iii) Target area on the specimen should be selectable via transparent masks having surface area of opening 0.5, 1, 2 and 5 cm<sup>2</sup>. All these requisite masks should be included in the main offer. (iv) Temperature range of chiller should be ambient to - 20 °C or wider. Chiller is a compulsory unit. (v) Offer should also include external etching arrangements. (vi) Main offer should include two additional container for electrolyte. (vii) It shall be made of corrosion-resistant material. and (viii) The quotation should includes different standard solutions (2 liter each for (a) Cu-alloys, (b) Al-alloys, (c) Ti and Zr-alloys and (d) Steels) for polishing and etching.</p> <p>Soft and hard copy operation-cum-maintenance manuals. The commissioning and demonstration-cum-hands on training for at least two days at IEST Shibpur is the responsibility of the bidder. The financial bid should be inclusive of three years of comprehensive warranty. <i>Bidders may include additional accessories and consumables as optical items.</i></p>
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**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)
<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.

**\*\* Please note that the institute is exempted from customs and excise duties and GST at the rate of 5 % is applicable for the Institute.**

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: \_\_\_\_\_