

# CENTRAL INSTRUMENTATION LABORATORY

## ASSAM UNIVERSITY : SILCHAR

(A Central University constituted under Act of Parliament of India in 1994)

[www.aus.ac.in/cil](http://www.aus.ac.in/cil)

### NOTICE INVITATING TENDERS

Ref. No.: AUS/CIL/38(1430)/17/EMR-II(CSIR)/03(A)

Assam University, Silchar invites sealed tenders from reputed suppliers, authorized distributors and manufacturers with sound technical capabilities for the supply, installation and commissioning of following items to be procured under Extramural Research project funded by Council of Scientific and Industrial Research, New Delhi in the Central Instrumentation Laboratory (CIL), Assam University, Silchar. The detailed technical and related specifications for individual items are provided separately. All terms and conditions of procurement of these items will be governed as per the rules, regulations and guidelines of Assam University, Silchar.

#### LIST OF ITEMS

S.No.	Name of the item	Quantity	Technical Details and Specifications
1.	Gradient Thermal Cycler (PCR)	1	Sample Capacity: 48 x 0.2ml x 2 Peltier Number: 8 Block Material: Aluminium alloy Temp Range: 0 – 100°C Heating Rate (°C/s): 5 Cooling Rate (°C/s): 4 Control Accuracy (°C): $\pm 0.1(30-99.9^{\circ}\text{C})$ Uniformity (°C): $\pm 0.2(30-72^{\circ}\text{C}, 10\text{s}) / \pm 0.3(90^{\circ}\text{C}, 10\text{s})$ Control Mode: Block / Tube Hot-lid Temperature (°C): 30 – 110°C Gradient Range (°C): 0-30°C Gradient Temp Range (°C): 30-100°C <b>Other Features:</b> Display Screen: TFT Touch Program saving (files + USB Flash); progressive temp. time increase / decrease; pause function; file editing while running; USB mouse support; touch screen support; USB / Ethernet connection; network control; PC control software; preloaded protocols; input voltage (AC85-264, 47-63 Hz); Input power-600W; Replaceable module for choice of single block module to run single PCR program using 96 well plate

2.	Refrigerated (Cooling) Centrifuge, Table Top	1	Stable speed output, Rotors for 1.5ml and 15ml tubes, Max rpm of 16,000, Minimum temperature of -8°C, automatic door opening after completion of centrifugation, fast spin features, imbalance detection and centrifugation stop with error display, program memory, precise temperature control
3.	Submarine Electrophoresis Unit	1	Acrylic material with inner tank dimension of 215x141x55 mm; No. of Trays: (a) 130x130mm (b) 130x65mm (c) 65 x 60 mm; No. of combs: 13 well analytical acrylic comb (1.5mm thick); 8 well analytical acrylic comb (1.5m thick); 3 well preparative acrylic comb (3mm thick); Universal gel casting tray; red and black connection cord; red and black platinum electrode; Lid
4	Digital Electrophoresis Power Supply	1	Digital model to operate at constant voltage and constant current mode with automatic cross over between modes when preset limits are reached; Output DC voltage 300V variable; Output current 100mA, Variable, 4mm socket, digital display, Input voltage: 230V, 50Hz, AC supply

### **Terms and Conditions**

1. The sealed tenders should be submitted in the prescribed proforma given below. The tenders complete in all respect should be sent to Dr. Shuvasish Choudhury, PI (CSIR-Project), Central Instrumentation Laboratory, Assam University, Silchar – 788 011, Assam, India on or before **18.02.2018**.
2. The tenders should be submitted in two-bid system (technical and financial)
3. Tenders submitted by email, telex and fax will not be accepted. The tenders must be submitted only in sealed envelope, clearly indicating **“TENDER FOR CSIR PROJET-2017-18/CIL”**.
4. Interested bidders are required to deposit Earnest Money of Rs. 10,000/- (refundable) drawn in favour of Assam University, Silchar from a scheduled / nationalized bank in a separate sealed envelope.
5. Tenders should be valid for a period of 90 days from the date of opening and may have to be extended further if considered necessary by the university. No withdrawal shall be allowed and if any bidders withdraw his/her tender before

the said period or make any modification in the terms and conditions of the tender not acceptable by the university, then the university shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money Deposit (EMD). The time allowed for supply, installation and commissioning of the items will be 45 days from the date of issue of Purchase Order.

6. EMD of successful bidder shall be released after warranty period after the issue of purchase order to the successful bidder.
7. In case of any change or modification in the specification / terms and con terms and conditions, etc., the same will be hosted in the university website only. The bidders are requested to check the official website of the University time to time for any such Updates. No separate information will be communicated to the bidders in this regard.
8. The rate quoted should be exclusive of taxes. The applicable taxes should be indicated separately.
9. The bidders are required to submit details of their PAN and GST during submission of the tenders.
10. The technical specifications to be provided by the prospective bidders must be accompanied by supporting documents, price list, product literature, etc. List of users or dealership certificate (if applicable) should also be given.
11. Details of after sale service and warranty should be furnished.
12. Proprietary items should be quoted with Manufacturer's / Dealership certificate. Without such document(s), no bids will be accepted.
13. No advance payment will be made. Payment will be processed immediately once items are received and successfully installed after issue of purchase order to the concerned agency.
14. Items of foreign origin should have insurance up to the installation site. Payment with foreign currency will only be made through letter of credit (LOC).
15. In case of foreign origin equipment, the Indian supplier should submit one undertaking in a non-judicial stamp paper, stating that if any items is delivered in damaged or defective condition, the same will be replaced with a new one immediately (**applicable only when order is placed**)
16. **Assam University, Silchar is exempted from paying CUSTOMS and EXCISE duty.**

17. The university reserves the right to accept or reject any or all the bids after recording proper reason for it.

**Dr. Shuvasish Choudhury**  
PI, CSIR Project  
Central Instrumentation Laboratory  
Assam University, Silchar – 788 011

Copy to:

- (a) P.S. to Vice Chancellor, AUS for kind information of VC
- (b) Registrar, Assam University, Silchar for information
- (c) Finance Officer, Assam University, Silchar for information
- (d) Chairman, CIL, Assam University, Silchar for information
- (e) Director, Computer Centre, Assam University, Silchar with request to upload in university website.
- (f) Project Procurement File for Record.

**PROFORMA FOR SUBMISSION OF TECHNICAL BIDS**

(In the Official Letter Head of the Organisation)

Ref. No.:.....

Date:.....

To  
Dr. Shuvasish Choudhury  
PI, CSIR Project  
Central Instrumentation Laboratory  
Assam University, Silchar

**Sub: Technical Bid for procurement of items under CSIR funded research project**

Sir,

In response to your call for tender published in the Assam University, Silchar, I/We am/are pleased to submit the **Technical Bid** for the supply, installation and commissioning of \_\_\_\_\_ as required by you. I/We also confirm that I/We am/are the owner(s) / authorized firm to offer you the technical specification of the desired items in **sealed covers**. Please find the product description, product literature and related relevant documents enclosed.

<b>S.No.</b>	<b>Technical Specification of the item</b>	<b>Remarks</b>
1	<b>Thermal Cycler</b>	
2	<b>Refrigerated (Cooling) Centrifuge</b>	
3	<b>Submarine Electrophoresis Unit</b>	
4	<b>Digital Electrophoresis Power Supply</b>	

(OFFICE SEAL)

(Signature with date)

**THE FORMAT SHALL BE SENT IN SEPERATE SEALED COVERS SUPER SCRIBING "TECHNICAL BID FOR EQUIPMENT UNDER CSIR PROJECT/CIL-2017"**

**PROFORMA FOR SUBMISSION OF FINANCIAL BIDS**

(In the Official Letter Head of the Organisation)

Ref. No.:.....

Date:.....

To  
Dr. Shuvasish Choudhury  
PI, CSIR Project  
Central Instrumentation Laboratory  
Assam University, Silchar

**Sub: Financial Bid for procurement of items under CSIR funded research project**

Sir,

Having read and understood the technical part of the bid, I/We am/are pleased to submit the **Financial Bid** for the procurement of the following item as desired by you in separate **sealed covers**.

<b>S. No.</b>	<b>Details of the items with specification, model, make and other relevant details of the items / accessories, etc.</b>	<b>Price (to be filled by the intender) either in INR / USD/other foreign currency for each items)</b>
1	Thermal Cycler / Refrigerated (Cooling) Centrifuge / Submarine electrophoresis unit / Digital electrophoresis power supply	
<b>Total</b>		
Special Discount (if any)		
Applicable Taxes (GST)		
<b>Grand Total</b>		
<b>Terms &amp; Conditions:</b>		
<b>Warranty and after sale service</b>		
<b>Bank Details (for items quoted in foreign currency only)</b>		

(OFFICE SEAL)

(Signature with date)

<p><b>Envelope 1</b> <b>Technical Bid for procurement of items under CSIR funded research project</b> Ref.No.: _____ dated _____</p> <p>To Dr. Shuvasish Choudhury PI (CSIR-Project) &amp; Asstt. Prof. Central Instrumentation Laboratory (CIL) Assam University, Silchar – 788 011 Assam, India</p>
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**Envelope 2**

**Financial Bid for procurement of items under CSIR funded research project**

Ref.No.: \_\_\_\_\_ dated \_\_\_\_\_

To  
Dr. Shuvasish Choudhury  
PI (CSIR-Project) & Asstt. Prof.  
Central Instrumentation Laboratory (CIL)  
Assam University, Silchar – 788 011  
Assam, India

From:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Envelope 3**

**Submission of EMD for Tender under CSIR funded research project**

Ref.No.: \_\_\_\_\_ dated \_\_\_\_\_

To  
Dr. Shuvasish Choudhury  
PI (CSIR-Project) & Asstt. Prof.  
Central Instrumentation Laboratory (CIL)  
Assam University, Silchar – 788 011  
Assam, India

From:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Check List**

1	Technical Bid	Yes ( ) / No ( )
2	Financial Bid	Yes ( ) / No ( )
3	EMD	Yes ( ) / No ( )
4	Self attested photocopy of PAN	Yes ( ) / No ( )
5	Self attested photocopy of GSTIN	Yes ( ) / No ( )
6	Self attested photocopy of Dealership Document	Yes ( ) / No ( )
7	Product Literature	Yes ( ) / No ( )

(SEAL)

Signature with Date