



**INDIRA GANDHI INSTITUTE OF TECHNOLOGY  
SARANG, DHENKANAL (ODISHA)-759146  
(An Autonomous Institute of Govt. of Odisha)**

**No. IGIT/CHEMICAL/26**

**Date: - 16/02/2023**

**TENDER NOTICE**

Sealed Tenders are invited from eligible reputed OEM (Original Equipment Manufacturer)/ Authorized Distributor /Dealer/ Retailer for **Purchase of Laboratory Equipments in the Department of Chemical Engineering**. Interested bidders may apply in the prescribed tender format which is available on the Institute website [www.igitsarang.ac.in](http://www.igitsarang.ac.in) from Dt: **17/02/2023** along with non-refundable fees **as per actual** in shape of account payee demand draft in favour of “**PRINCIPAL, INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG**” payable at SBI, IGIT, Sarang.

**Last date for receipt of the Tender document (Technical & financial Bid) is Dt: 20/03/2023  
04.30 P.M)**

Sd/-

**DIRECTOR**

**INDIRA GANDHI INSTITUTE OF TECHNOLOGY (IGIT),  
SARANG, Dhenkanal-759146**



**Tender for Procurement of Laboratory Equipments in the Department of  
Chemical Engineering**

at

**IGIT, SARANG**

## **Tender Call Notice**

**No. IGIT/CHEMICAL/26**

**Date: - 16/02/2023**

Indira Gandhi Institute of Technology (IGIT), Sarang is inviting eligible interested Vendors to submit bids towards purchase of Laboratory Equipments in the Department of Chemical Engineering, IGIT Sarang.

No contractual obligation whatsoever shall arise from the tender process unless and until a formal contract is signed and executed between Indira Gandhi Institute of Technology (IGIT), Sarang and the Vendor concerned. Indira Gandhi Institute of Technology (IGIT), Sarang reserves the right not to proceed with the implementation of the project.

Supply and installation of Laboratory Equipments for the Department of Chemical Engineering, Indira Gandhi Institute of Technology Sarang invites applications for Tender for Procurement of Laboratory Equipments from OEM / Authorized Distributor / Authorized Retailer / Authorized Dealer/ Authorized sales/supplier for supply and installation of specified equipments as mentioned in annexure for the Department of Chemical Engineering.

The sealed cover superscript 'Tender for Procurement of Laboratory Equipments items categories wise/item wise of the Department of Chemical Engineering, IGIT Sarang shall be opened on **21.03.2023 (3 PM) for the technical bid and 24.03.2023 (3 PM) for the financial bid**. The sealed cover shall contain two sealed covered envelopes—Part-I (Technical bid) and Part-II (Financial bid). The interested vendor /supplier may visit the Chemical Engineering Department and discuss with the purchase committee member in details about the requirements, supply, and installation of every items before 10 days of Technical bid opening day. The demonstration of functionality of the equipments will be highly appreciated by the committee member either in PPT/actual mode. The Part-I (Technical bid) shall be opened on the same day in presence of the attending vendor(s) and committee members. The Part- I (Technical bid) shall contain Bank draft for earnest money, Tender fee and other documents as noted in 'Schedule for submission of bid'. The Part- I (Technical bid) without a bank draft for earnest money shall be rejected outright. The Part–I (Technical bid) shall be evaluated in

accordance with qualification criteria for short-listing the Vendors as prescribed in the bid document. The Part- II (Financial bid) shall be opened in due course as noted in 'Schedule for submission of tender documents'. The vendor /supplier's query will not be entertained, if the vendor/supplier/authorized person of supplier were absent during opening of Technical bid.

## **Part -I (Superscribing Technical bid)**

The Technical bid shall contain the details of the technical specifications of the specified laboratory equipments, compliance to the specifications detailed in the bid documents. Checklist for Technical bid, supporting documents such as certificate of incorporation, memorandum of Association, copy of PAN, GST certificate, work order copy/ experience certificates, IT returns of last 3 years audited account statements, Vendors profile and other requisite documents need to be submitted. Bank Draft for earnest money shall be kept in separate envelope marked as 'EMD' and be placed within this envelope. Any other relevant papers, which a Vendor feels necessary along with the Terms and Conditions duly *signed* and accepted by the Vendor shall form part of this Technical bid.

## **Part -II (superscribing Financial Bid)**

1. The Financial bid shall give detailed price in INR of laboratory equipments, taxes and other work as per the pro-forma in **Section-II** enclosed.
2. IGIT, Sarang shall not be liable for any expenses incurred by the Vendor in preparing the bid documents for this bid or for any correspondence or for any negotiations associated with the award of a contract.

**Late Applications:** Any application, received after the last date and time i.e., **20.03.2023 (4.30 PM)** for submission, shall not be accepted. Applications received after the last date shall be summarily rejected and returned unopened. All the bids need to send through Govt. authorized postal service. No bid will be received by hand or from private postal service/courier.

The completed application (response document), (printed, signed and bound copy) shall be submitted in a sealed cover superscribed with the title “Supply and Installation of Laboratory Equipments in the Department of Chemical Engineering” at the address given below (by registered post of Indian Postal Services only):

## To

The HOD, Chemical Engineering

**Indira Gandhi Institute of Technology, Sarang, Dhenkanal-759146, Odisha, India.**

The tender document, instruction to vendors/bidders, other detailed terms and conditions can be downloaded from the website: <http://www.igitsarang.ac.in>.

Last date and time of submission of tender	<b>20.03.2023 (4.30 PM)</b>	
		<b>Cost of the tender Fee</b>
EMD for FF Lab No. I	<b>12,000/- (ANNEXURE- V)</b>	<b>Rs. 4000/-</b>
EMD for MO Lab No. II	<b>15,000/- (ANNEXURE- VI)</b>	<b>Rs. 4000/-</b>
EMD for MT Lab No. III	<b>22,000/- (ANNEXURE- VII)</b>	<b>Rs. 6000/-</b>
EMD for HT Lab No. IV	<b>6,000/- (ANNEXURE- VIII)</b>	<b>Rs. 2000/-</b>
EMD for FT Lab No. V	<b>18,000/- (ANNEXURE- IX)</b>	<b>Rs. 4000/-</b>
EMD for CRE Lab No. VI	<b>12,000/- (ANNEXURE- X)</b>	<b>Rs. 4000/-</b>
EMD for PDC Lab No. VII	<b>19,000/- (ANNEXURE- XI)</b>	<b>Rs. 4000/-</b>

## Important Details

The document is prepared by IGIT, Sarang. It should not be reused or used in any form either fully or partially by any other organization or firm. The information provided by the Vendors in response to this tender document shall become property of IGIT, Sarang and shall not be returned.

## Schedule for Submission of Tender for Procurement of Laboratory Equipments

The following are the schedule of events for this project. The schedule is subject to change depending on the outcome of the events / responses of the events and a final schedule shall be established prior to contracting with the successful Vendor(s)

Event	Date and Time
Availability of tender Document at IGITSarang Website	17.02.2023
Last Date and time for submission of completed tender Document	20.03.2023
Opening of Technical Bid	21.03.2023 (3 PM)
Opening of Financial Bid	24.03.2023(3 PM)

### 1. SCOPE OF WORK

*Supply, Installation of Laboratory Equipments in the Department of Chemical Engineering, Indira Gandhi Institute of Technology, Sarang, Odisha-759146*

#### 2. Item with Quantity

I. FF Lab.		
Sl. No.	Item with specification	Qty. Required
1	Venturi Meter	01
2	Orifice Meter+ Venturi Meter	01
3	Pitot Tube	01
4	Variable Speed Reciprocating Pump	01
5	Variable Speed Centrifugal Pump	01

II. MO Lab.		
Sl. No.	Item with specification	Qty. Required
1	Ball mill	01
2	Jaw crusher	01
3	Single deck vibrating screen	01
4	Disc pelletizer	01

<b>III. MT Lab.</b>		
Sl. No.	Item with specification	Qty. Required
1	Solid-Liquid extraction in Packed bed type	01
2	Liquid-Liquid Extraction in packed tower	01
3	Natural Draft Tray Tower	01
4	Adsorption in packed column	01
5	Vertical and horizontal condenser	01
6	Film wise and Drop wise Condensation	01

<b>IV. HT Lab.</b>		
Sl. No.	Item with specification	Qty. Required
1	Plate type heat exchanger	01
2	Double pipe heat exchanger	01

<b>V. FT Lab.</b>		
Sl. No.	Item with specification	Qty. Required
1	Bomb Calorimeter	01
2	Hot Air Oven	01
3	Redwood Viscometer	01
4	Muffle Furnace	01
5	Orsat Analyzer	02
6	Magnetic Stirrer with hot plate	04
7	Cloud and Pour Point Apparatus	02
8	Pensky-Marten Apparatus	04
9	Conradson Carbon residue Apparatus	02
10	Cleveland Open Cup Apparatus	02
11	Digital Weight Balance	04

<b>VI. CRE Lab.</b>		
Sl. No.	Item with specification	Qty. Required
1	Microfluidic Channel Reactor	01
2	Variable speed stirrer fitted Spinning disc Reactor	01
3	Variable speed stirrer fitted batch reactor with cooling heating jacket	01

4	Micropipette (1 mL and 200 $\mu$ L)	02
5	Ultrasonic bath for mixing	01
6	Laboratory Centrifuge	01

<b>VII. PDC Lab.</b>		
Sl. No.	Item with specification	Qty. Required
1	Single Tank System	01
2	Two Tank Interacting system	01
3	Two Tank Non-Interacting system	01
4	Temperature Control Trainer	01
5	Characteristics of PID controller	01

### 3. VALIDITY OF Tender Documents

The Tender response submitted by the bidders shall remain valid for a period of 90 (Ninety) days after the date of tender response opening prescribed in this document. A bid response which is valid for shorter period may be rejected as nonresponsive.

### 4. EARNEST MONEY DEPOSIT (EMD)

- (a) EMD in form of a Demand Draft drawn in favour of **Principal, IGIT, Sarang** and payable at IGIT, Sarang from any Nationalized Bank must be submitted along with the Part –I Technical Bid in a separate envelope. The Bids not accompanied by EMD shall be rejected as non-responsive.
- (b) No interest shall be payable by the Institute for the sum deposited as EMD.
- (c) The EMD of the unsuccessful Vendors would be returned within one month of the signing of the contract.
- (d) No bank guarantee shall be accepted in lieu of the EMD.



## 5. FORFEITURE OF EARNEST MONEY DEPOSIT (EMD)

The EMD shall be forfeited by the **IGIT, Sarang** in the following events:

- (a) If the bid is withdrawn during the validity period or any extension agreed by respondent Vendor thereof.
- (b) If the bid is varied or modified in a manner not acceptable to the **IGIT, Sarang** after opening of bids during the validity period or any extension thereof.
- (c) If the respondent Vendor tries to influence the evaluation process.
- (d) If the First ranked Vendor withdraws its bid during negotiations (failure to arrive at a consensus by both the parties shall not be construed as withdrawal of proposal by the consultant).

## 6. OTHER TERMS & CONDITIONS

### 1. General Terms

- (a) The conditional/ incomplete bids or those received after the due date shall be summarily rejected.
- (b) The award/ cancellation of work shall be decided at the sole discretion of **IGIT, Sarang**. Invitation of Tenders is not a commitment.
- (c) **IGIT, Sarang** reserves the right to accept or reject in part or full or all the offers without assigning any reason thereof. Any decision of **IGIT, Sarang** in this regard shall be final and binding on the Vendor.
- (d) The Vendor shall abide by all labour laws such as payment of wages Act 1936 with up-to-date amendments, minimum wages Act 1948 with amendments etc. and other laws as applicable during the execution of work.
- (e) The institute shall make all payments through NEFT in Indian rupees. Necessary bank mandate detailing bank account number etc. shall be submitted by the vendor after execution of agreement.
- (f) IGIT Sarang shall not bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract), if the non- performance results from the Force majeure circumstances such as Flood, Fire, Earth Quake and other

acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after signing of the present contract.

- (g) In case of any dispute arising out of or in connection with the contract either during the tenure of the contract or thereafter, the Director of the institute is the sole arbitrator to decide the same and his decision is final and binding on both the parties. If differences persist after arbitration and there are compelling reasons to go to court, it shall be decided in the court of Kamakhyanager/Dhenkanal.

## **2. Price Stability**

Contract prices as offered in the bid and accepted by IGIT, Sarang shall remain fixed during the contract period. In the event of price changes, replacement equipment shall be purchased at the lower quoted value or then the current market price. In no case shall a price higher than the contract price be paid for the equipment proposed. If **IGIT, Sarang** desires to purchase equipment or services not contained in the contract, future purchases shall be determined using the Vendor-specified discount rate in the proposal from the manufacturer's suggested retail price as of the date of the order. In no case shall the price exceed the favored Vendor prices.

## **3. Right to Reject**

**IGIT, Sarang** reserves the right to reject all/partial bids. Responses should be submitted initially with the most favourable terms that the Vendor can propose.

## **4. Standards**

**IGIT, Sarang** expects that the Vendor would use standards,

## **5. IGIT, Sarang Involvement**

**Director, IGIT, Sarang** shall be the single-point contact for the project. All major decisions must be made with the involvement and agreement of the Chemical Engineering Department. At no time must the Vendor hold back any information related to the **IGIT, Sarang**

## **Section –II (Price Bid)**

- **Instruction for Price Bid**

### **Price Bid submission-**

1. The price bid submitted by the Vendor shall be inclusive of all elements of costs and shall ensure that the following are also included therein: -

- The cost of delivery and installation at project sites.
- All the expenses like cost of loading, Unloading and GST etc. at IGIT site.

### **Eligibility Criteria:**

Those who fulfil the following criteria are eligible to participate in the tender.

1. The tenderer must be an OEM / Authorized Distributor / Authorized Retailer / Authorized Dealer / Registered sales Supplier of a reputed manufacturer. Manufacturers should provide all documents relating to their Manufacturing Capabilities and the brand should be a registered trade mark.
2. If the tenderer is an Authorized Dealers of a reputed manufacturer, necessary Tender Specific authorization to this effect from the manufacturer must be enclosed.
3. The tenderer must have cleared Sales Tax and Income Tax payment up- to- date. Attested copies of Sales Tax Clearance Certificate or non-assessment certificate from the concerned Sales Tax Authority valid up- to-date and attested copy of Income Tax Clearance Certificate or non-assessment certificate, GST certificates from the competent authority, PAN Number must be enclosed along with the Tender documents.
4. The Bidder may have ISO certification. The ISO certification bidder will be given

preferences over others. However, the final decision depends on purchase committee of the IGIT Sarang. The copy of the above certificates shall be enclosed with technical bid.

5. The net worth of the vendor should be certified from a registered CA shall be submitted for last 3 financial year.
6. The Vendor should not be blacklisted. Declaration in this regard shall be submitted by the vendor.
7. If the vendor is found guilty and any discrepancies in submitted the documents the bid of the vendor shall be rejected and the vendor shall be blacklisted.
8. The bidder should submit the model details with manuals in the technical bid as mentioned in the Annexure, otherwise, the bid shall be rejected

### **General Term & Conditions**

- i) In case, after Pre-bid meeting (wherever applicable) any modification(s) / addition(s) / deletion(s) or any alteration in the requirement(s) / specification(s) etc. is required, the same will be placed on the IGIT website-[www.igitsarang.ac.in](http://www.igitsarang.ac.in) therefore, all the bidders are advised to visit our website before filling / submitted their tenders. No separate advertisement / information will be published in this regard in the Newspapers.
- ii) The offered rates will be valid initially for a period of one year. The Institute can place repeat order on the same terms & conditions within this period.
- iii) Acceptance of tender will be intimated to the successful tenderer through a Letter of Intent (LOI) duly signed by the authorized signatory of the institution.
- iv) EMD / Performance Security of successful bidder may be forfeited, if the bidder withdraws or amends or derogates from the tender in any respect.
- v) This tender is valid upto 180 days from the issue of tender notification.
- vi) IGIT's official(s) can visit the workplace of successful bidder and can review the progress of work and can instruct regarding quality aspect.
- viii) The rates quoted by the bidder shall be complete for supply and installing of the finished items as per the specification(s) and shall be inclusive of all applicable tax, duty(ies), loading, unloading, packing, transportation to IGIT, Sarang installation **(in the Laboratory of Chemical Engineering Department i.e. ground floor and first floor)** etc. and

nothing extra / additional amount shall be payable on these rates. No lift facility is available.

- ix) In any case, if tenders are not opened due to any reason, the Tender documents, processing Fee and EMD shall be returned to all bidders,
- x) Conditional Tender will not be accepted,
- xi) Successful bidder will be required to submit schedule of activities to complete the work order (day-wise / Date-wise) with technical bid document.
- xii) The supplier has to ensure the rectification of defects within **seven days** of the complaint during the period of guarantee.
- xiii) AMC charges if any will be mentioned in the Tender.
- xiv) The tenderer is required to submit one year onsite Guarantee i.e. to replace the damaged equipment's during the guarantee period or repair.
- xv) The authority reserves the right to accept or cancel any or all tenders without assigning any reason there-of.
- xvi) **Proof of bills for the purchase of the materials as per our standard specification is submitted at the time of final payment.**
- xvii) **All items should be ISO Certified Standard.**