

**DEPARTMENT OF CHEMICAL.**  
**INDIRA GANDHI INSTITUTE OF TECHNOLOGY**  
SARANG-759146, DIST: Dhenkanal, Odisha

Ref. No. IGIT/ CHEM/69

Date: 21.04.2023

**Call for Quotation**

Dear Sir,

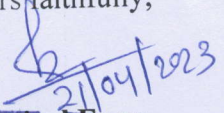
Sealed quotations in company letter head are invited from Original Equipment Manufacturer / Authorized Distributor / Authorized Dealer / Supplier for the articles mentioned below on or before 02.05.2023 (4.30 PM). **Quotation number and date should be superscribed on the sealed envelope** and sent by Registered post / speed post / Postal Service to HOD, Chemical Engg. Department, INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG-759146, DIST: DHENKANAL, ODISHA, INDIA.

Quotation received after the due date, or without seal shall not be considered. The materials will have to be delivered within 30 days from the date of placing order unless otherwise directed failing which the purchase order is liable to be cancelled.

Photocopy of valid authorization certificate, PAN/TIN card and GST registration are also required to be enclosed. The terms of delivery along with any extra charges e.g. GST etc. & mode of payment should be indicated clearly in the quotation. Payment shall be made after successful installation. The material will be delivered to IGIT Sarang on FOR basis. The bidder should submit the manuals with the quotation.

OPENING OF QUOTATION 03.05.2023 (10.00 AM)

Yours faithfully,

  
**HOD, Chemical Engg.**  
Dept. of Chemical Engg.  
IGIT Sarang  
I.G.I.T., Sarang (Parjang)

C.C :

1. Professor-in-Charge, Website for upload in IGIT Website.

**Annexure I**  
**Department of Chemical Engineering**  
**Indira Gandhi Institute of Technology, Sarang**  
**List of Instruments to be procured**

Sl. No	Name of Equipment	Specification	Quantity
1	Laminar flow Hood	<p><b>Dimension:</b> (W x D x H) mm 900 x 600 x 600</p> <p><b>MOC:</b> internal working chamber stain less steel (SS -304)                      Exterior cabinet: electro Galvanized steel or stainless steel (SS304)</p> <p><b>Sterilizing:</b> UV germicidal tube (WL 254 nm)</p> <p><b>Supply or main filter:</b> HEPA with 99.97% purity @ 0.3 micron</p> <p><b>Utility:</b> Gas/ Air cock and multipoint 5/15 amp. Electric socket</p> <p><b>Power supply:</b> 230 Vac <math>\pm</math> 5% 50 Hz</p>	01
2	Incubator shaker	<p><b>Capacity</b> 120 Liter (250 ml x 9 or 150/100 ml X15)</p> <p><b>Outer chamber:</b> power coated CRC steel sheet</p> <p><b>Inner chamber:</b> Stain less steel</p> <p><b>Temperature control:</b> microprocessor based temp indicator-cum-controlller</p> <p><b>Display:</b> LED/LCD wth set value and process value</p> <p><b>Shaking frequency:</b> 50 to 250 rpm <math>\pm</math>10</p> <p><b>Motor:</b> Brushless DC motor</p> <p><b>Temp range:</b> +2 from ambient temp to 50 °C</p> <p><b>Supply:</b> 230 Vac <math>\pm</math> 5% ( 50 Hz)</p>	01

Dept. of Chemical Engineering  
I.G.I.T., Sarang (Patna)

**Annexure II A**  
**Department of Chemical Engineering**  
**Indira Gandhi Institute of Technology, Sarang**  
**List of Chemicals (OURIIP-2022-23)**

*[All the media and chemicals of SRL grade, Glassware of Borosil/Jsil, and plasticware Tarson/Genexy/Jsil]*

Sl. No	Items	Quantity
1	Xylene	500 ml
2	HNO <sub>3</sub>	500 ml
3	Agar powder	500 gm
4	Aluminium oxide	500 g
5	Liquid detergent	1 l
6	Sodium Sulphate	500 g
7	Chloroform	1000 ml
8	Dichloromethane (HPLC grade)	1000 ml
9	Dichloromethane (Normal grade)	2500 ml
10	Spirit	2000 ml
11	FeCl <sub>3</sub>	500 g
12	Gram stain kit	1 kit
14	Hexane (HPLC grade)	1000 ml
15	Hexane (Normal grade)	2500 ml
16	K <sub>2</sub> HPO <sub>4</sub>	500 g
18	Methyl benzene	500 ml
19	MgSO <sub>4</sub> .7H <sub>2</sub> O	500 g
20	Na <sub>2</sub> HPO <sub>4</sub> .7H <sub>2</sub> O	500 g
22	Nutrient power	500 g
23	NH <sub>4</sub> Cl	500 g
24	n-heptane	500 ml
25	Petroleum ether	1000 ml
26	Silica gel (mesh size 60-120) For column chromatography	500 g

## Annexure II B

### List of plastics and Glassware

Sl. No.	Items	Specification	Quantity
1	Aluminium foil	Size XL	2 pc
2	Apron	Size L	2 Pc
3	Beaker	500 mL	4 pc
6	Column chromatography	1 cm diameter 1 m height	3 pc
7	conical flask	150 ml	12 pc
	Conical flask	500 ml	4 pc
8	Cotton gloves	Mediun Large	1 packet from each
9	Cotton	Absorbance	500 g
10	Cotton	Non absorbance	500 g
13	Dispo van	10 ml	1 packet (16 pc)
14	Distilled water dispenser	5 l capacity	1 pc
15	Dustbin with lid	10 lt	2 pc
16	Eppendorf rack	Hold up to 40 tubes	2 pc
17	Eppendorf tube	1.5 mL	1 packet (500 pc)
18	Falcon tube	15 ml	2 packet (50 pc each)
19	Self-standing Falcon tube	50 ml	2 packet (50 pc each)
20	Falcon tube rack	Hold up 20 tubes	2 pc
22	Glass Rod		5 pc
24	Inoculation loop	Nichrome	3 pc
25	L shaped spreader		1 set
26	Test tube stand	16 mm and 62 holes	5 pc
27	Micro Pipette	1- 10 $\mu$ L	1 pc
28	Micro pipette	100- 1000 $\mu$ L	1 pc
29	Micro Pipette	20- 200 $\mu$ L	1 pc

30	Micro pipette tip	1ml	1 packet (500 pc)
31	Micro pipette tip	5ml	10 pc
32	Micro Pipette stand		1 pc
33	Micro Pipette Tip stand	1000 $\mu$ L (100 holds)	1
36	Micro Pipette Tips	10-200 $\mu$ L	500 pc
37	Parafilm Tape	125' L x 4 W	1 roll
38	Petri Dish	Glass 100 x 15 mm	20 pc
39	Petri plates	Plastic 100 x 15mm	36 pc
41	Wash Bottle	500 ml	10 pc
42	Tissue holder		2 pc
43	Spirit Lamp	Metal	5 pc
44	Sterilized autoclave polythene bag	16' X 20'	500 g
45	Surgical Gloves	Medium size	1 packet
46	Syringe filter	0.22 $\mu$ m	10 pc
47	Test tube	12 x 100 mm	100 pc
48	Test tube	25 X 150. mm	30 pc

## CONDITIONS

- i) In case, after Pre-bid meeting (wherever applicable) any modification(s) / addition(s) / deletion(s) or any alternation 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 Quotations.
- ii) The offered rates will be valid initially for a period of one year. The Institute can place repeat order on same terms & conditions within this period.
- iii) Acceptance of Quotation will be intimated to the successful Quotation through a Letter of Intent (LOI) duly signed by the authorized signatory of the institution.
- v) This Quotation is valid up to 180 days from the issue of quotation notification.
- vi) The supplier will provide one year on site guarantee, and under guarantee period all the damages items shall be repaired / replaced by the supplier at their cost and risk.
- vii) IGIT's officials can visit the work place of successful bidder and can review the progress of work and can instruct regarding quality aspect.
- ix) 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 etc. and nothing extra / additional shall be payable on these rates.
- xi) Conditional Quotation will not be accepted.
- xii) Successful bidder will be required to submit schedule of activities to complete the work order (day wise/Date wise) with technical bid document.
- xiii) The supplier has to ensure the rectification of defects within three days of the complaint during the period of guarantee.
- xiv) AMC charges will be mentioned in the Quotation.
- xv) The Quotationer is required to submit one year on site Guaranty i.e. to replace, the damaged equipments during the guarantee period or repair.
- xvi) The authority reserves the right to accept or cancel any or all Quotations without assigning any reason there-of.
- xviii) All items should Certify ISO standard or any other recommended standard.