

**Open Tender Notification for the procurement of a  
*Semi-automatic Screen Printer* at the Indian Institute of Science,  
Bangalore**

(Last date of submission of tenders: **29<sup>th</sup> April 2021**)

**Only Indian manufacturers are allowed to participate**

Dear Madam/ Sir,

Please send your quotation valid for **at least 90 days** for the supply of the equipment described below. Your quotation should clearly indicate the terms and conditions of the quotations, delivery, delivery schedule, payment terms, warranty coverage etc.

The quotation must include separate **technical** and **commercial** bid in sealed envelope. The quotation should be sent to

**The Chairman,  
Department of Materials Engineering  
Indian Institute of Science,  
C V Raman Avenue  
Bengaluru: 560012  
Karnataka, India  
with attention to: Dr. Subho Dasgupta**

Any further query in relation to the tender can be addressed to:

**Dr. Subho Dasgupta  
Department of Materials Engineering  
Indian Institute of Science,  
C V Raman Avenue  
Bengaluru: 560012  
Karnataka, India  
Email: dasgupta@iisc.ac.in**

## Bid Schedule

1.	Tender Period	09 <sup>th</sup> April- 29 <sup>th</sup> April, 2021
2.	Instrument	Semi-Automatic Screen Printer
3.	Tender type	(i) Technical bid (part A) (ii) Commercial bid (part B) in separate sealed envelope
4.	Last date and time of tender submission	29 <sup>nd</sup> April 2021, Thursday, 17:00 hours

### **Procedure:**

1. Vendors will be required to submit a technical proposal and a commercial proposal in **two separate sealed envelopes**. Only vendors who meet the technical requirement will be considered for the commercial negotiation.
2. The decision of the Institute/ purchase committee will be final.
3. The technical bid should contain a compliance table with at least four column, (1) serial number, (2) technical details/ terms and conditions, (3) a clear '**yes**' and '**no**' as agreement and disagreement against all the technical requirements and terms and conditions as listed below and (4) extent of deviation in case the answer is '**no**'.
4. The quotes should be FOR Indian Institute of Science, Bangalore in Indian Rupee only. All insurance charges shall be borne by the vendor.
5. The RFQ must include on-site installation and training.
6. Clearly indicate the warranty provided with the machine. **On-site warranty should be at least for 1 year.**
7. The quote must include at least **2 years of AMC (annual maintenance contract)** (service, not parts). The AMC must include minimum **2 scheduled and 2 emergency** annual visits.

## Technical Details:

<b>Sl. No.</b>	<b>Item</b>	<b>Technical Aspect</b>
<b>1</b>	<b>Semi-automatic screen printer</b> with sturdy heavy-weight body for low mechanical vibration.	Smooth mechanical movement, high alignment/ registration accuracy. Low noise
<b>2</b>	Table X/Y adjustment	At least $\pm 1$ cm
<b>3</b>	Print head skew angle	At least 5 deg.
<b>4</b>	Weight of the entire machine	At least 300 kgs
<b>5</b>	Minimum printing area	At least 30×30 cm
<b>6</b>	Print head movement to load/unload substrate/ screen	Vertical up-down
<b>7</b>	Pump to hold the substrate at place	At least 0.5 HP; Should be included
<b>8</b>	Print table	Should have small holes to hold the substrate in place
<b>9</b>	Substrate type	Should be capable to hold ultra-thin substrate <100 $\mu$ thickness
<b>10</b>	Pneumatic squeegee	Should be included
<b>11</b>	Touch screen to control operations	Should be included

## **Terms and Conditions**

1. The technical bid must include all details of technical specifications of the instrument along with commercial terms and conditions masking only the price component. The commercial bid must include the price of the instrument in Indian currency.
2. The lead time for the delivery of the equipment should not be more than 8 weeks from the date of receipt of purchase order
3. The validity period of the quotation should be 90 days.
4. The Institute/ purchaser reserves right to cancel the entire tender process any time without having any need to show the cause of such action and will not be liable for any loss incurred by the vendors/ bidders due to the cancellation.
5. **PAYMENT TERMS:** 100% Post delivery and installation.
6. Conditional tenders shall not be accepted
7. The vendor should have a proven track record.
8. The vendor must be active for at least 25 years in this domain and having long-term customers. Provide contact detail of at least 2 customers using your printer for at least 25 years.
9. The vendor must have previously supplied similar equipment to manufacturing units (at least 250 printers) and to reputed R&D centers (at least 10 printers) for functional ink printing in India. They vendor must provide contact detail of at least 5 such customers in the R&D sector.

**Annexure 1:**

Details of the Bidder: The bidder must provide the following mandatory information & attach supporting documents wherever mentioned:

Sr. No.	Type	Details
1.	Name of the Bidder	
2.	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)	
3.	Registration No/ Trade License, (attach attested copy)	
4.	Registered Office Address	
5.	Address for communication	
6.	Contact person- Name and Designation	
7.	Telephone No	
8.	Email ID	
9.	Website	
10.	PAN No. (attach copy)	
11.	GST No. (attach copy)	

Signature of the Bidder

Name:  
Designation, Seal

Date:

**Annexure 2:**

Declaration regarding experience

To  
The Chairman,  
Department of Materials Engineering,  
Indian Institute of Science,  
Bangalore – 560012,  
India  
Kind attention: Dr. Subho Dasgupta

Ref: Tender No:

XXXXXXXXXX Dated:

XXXXXX

Supply and installation of Semi-Automatic Screen Printer

Sir,

I have carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm has ---- years of experience in supplying and installing Semi-Automatic Screen Printer with the technical specifications as stated above.

(Signature of the Bidder)

Printed Name Designation, Seal

Date:

The following items must be checked before the bid is submitted.

1. Sealed Envelope “A”: Technical  
Bid

Technical bid (each page signed by the authorized signatory and sealed) with the below annexures:

- a. Annexure 1: Bidders details
- b. Annexure 2: Declaration regarding experience

2. Sealed Envelope “B”: Commercial  
Bid