



**SIDBI INNOVATION AND INCUBATION CENTRE**  
**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**



To,

**Ref No: IIT/SIIC/Mole/3DPrinter/BV/14-11-2014**

**INVITATION FOR QUOTATIONS FOR SUPPLY OF 3D PRINTER**

Brief Description of the Goods	Specifications*	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
<b>3D PRINTER</b>	Mentioned below	01	20 Days	Central Store, IIT Kanpur	Yes

**TECHNICAL SPECIFICATIONS OF 3D PRINTER**

<b>Printing:</b>	
Component Material	PLA, PVA, ABS, Nylon, Brick
Print Technology	Fused deposition modeling
Build Volume	(20-25) L X (25-30) W X (50-70) H cm
Layer Resolution	50-350 microns
Filament Diameter	1-3 mm V
Filament Compatibility	Compatible PLA Filament large spool 0.5 to 1.5 kg
Nozzle Diameter	0.3-0.5 mm
Number of Extruder	Dual Extruder
<b>Temperature:</b>	
Ambient Operating Temperature	15-24°C (60-75.2°F)
Storage Temperature	0-38°C (32-100°F)
<b>Mechanical:</b>	
Build Surface	Injection Molded PC-ABS/ Heated Glass Platform
Stepper Motors	1.8° Step angle with 1/16 Micro- Stepping
XY Positioning Precision	15-20 micron
Z Positioning Precision	0.4-3 micron
<b>Software:</b>	
Software Bundle	Compatible software for 3D printing
Supported File Type	STL, OBJ, THING for Compatible file supported
Operating Systems	Windows (7+)
<b>Electrical:</b>	
Power Requirements	100-240 V; 5.4-2.2 A; 50/60 HZ; 350 W
Connectivity	WI-FI, USB, Ethernet, Serial Communication
Consumables	200 kgs of PLA with 4 different colour
Build plate tape	20 piece

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	Boardcard and replicator
	Filament case
Computer	Compatible Laptop/ branded computer

**Terms & Condition**

1. **The scope includes:**

- Setting up machine in IIT Kanpur.
- Initial Installation and configuration.
- Training.

2. **Bid Price**

- The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- All duties, taxes and other levies payable on the raw materials and components shall be included in the total price. **Except Central Excise Duty & CDEC** (custom duty), as IIT Kanpur is exempted from this duty.
- Sales tax in connection with the sale shall be shown separately.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The Prices shall be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

4. **Validity of Quotation**

Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

5. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- are properly signed ; and
- Conform to the terms and conditions, and specification .

**The Quotations would be evaluated separately for each item**

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

6. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive (includes technically suitable) and who has offered the lowest evaluated quotation price.



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- 6.1 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.**
- 6.2 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.
7. Payment shall be 90% against the delivery and 10% after satisfactory installation & configuration.
8. The items quoted by any firm are accepted only when they meet the relevant Indian Standards specifications and the firm also provides the testing certificates from reputed BIS recognized testing bodies like CPRI, ERDA, IITs, etc.
9. Warranty/ guarantee shall be 60 months to the supplied goods.
10. You are requested to provide your offer latest by 2.30 p.m. hours on **15/12/2014**
11. We look forward to receiving your quotations and thank you for your interest in this project.

**FORMAT OF QUOTATION \***

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	<b>TOTAL</b>						
	<b>Sales Tax</b>						



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**Gross Total Cost : Rs. ....**

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. ....(amount in figures ) (Rs. .... amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of 60 months shall apply to the offered goods.

**Signature of Supplier**

**SPECIAL CONDITION**

**1) Authorization from Manufacturer**

In the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in India.

**2) Proof of Manufacturing and past performance.**

Details of experience and past performance of the bidder on equipment offered and on those of similar nature within the past one year and details of current contracts in hand and other commitments.

**Dr. B.V Phani**

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