

## **High resolution 3D Printer**

Tender is invited for the procurement of High Resolution 3D Printer according to the specifications below.

### **Requirements**

<b>Specification</b>	<b>Value</b>
Minimum XY Resolution	25 µm
Minimum Z Resolution	20 µm
Build Area (Minimum)	25x25x50 mm
Fabrication Technology	SLA/DLP
Light Source	UV (integrated)
Material	Semi/Transparent (included)
Software	Compatible with Windows (included)
Drawing Format	stl, AutoCAD, Solidworks, etc.

### **Mandatory conditions**

- Resolutions, Fabrication Technology, Build area.

### **Other Essential requirements:**

- System should work with standard 220VAC, 50Hz (Indian condition).

### **General Terms & conditions**

- System should have minimum 1-year standard warranty.

### **Warranty**

- Min warranty period: 1 years.
- May also quote for extended warranty year-wise for up to 3 years.

### **Support and Service**

- Technical support should be available preferably through Indian counterparts.

### **Training**

- Training (online or onsite) on this system should be provided free of any additional cost.

### **Shipping and Handling**

- FOB prices should quoted with
  - i. Insurance
  - ii. Delivery time. etc.

### **General Terms & Conditions**

The vendor should have supplied a system of a similar or a higher specification to Indian institutes like IITs, etc. or, to a reputed foreign institute in the last 5 years. The vendor should provide the contact details of the user of such a system. The vendor should provide proof of installation and maintenance of such systems. Proof can be provided as reference letters from the users of the systems.