

## TECHNICAL SPECIFICATIONS AND OTHER ALLIED REQUIREMENTS

Sl No.	Description of items	Quantity
<b>File No. PUR/360/HCR&amp;CG/PK/L/2023-24</b>		
1	<b>Procurement of 3D Printer (DETAILED SPECIFICATIONS AS PER ANNEXURE – I)</b>	1 No.

### 1. DELIVERY:

The delivery is to be completed within 06 weeks from the date of issue of Purchase Order.

### 2. PAYMENT TERMS:

100% payment shall be paid within 30 days after delivery of 3D Printer and acceptance of the material upon submission of claim supported by the acceptance certificate issued by the purchaser.

### 3. BID SECURING DECLARATION FORM:

Bid Securing Declaration is to be submitted by the Bidder as per the format prescribed in the tender document.

### 4. MANUFACTURER AUTHORISATION FORM:

Manufacturer Authorisation Form will be provided by the supplier.

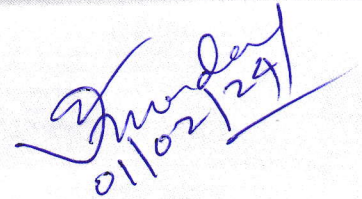
### 5. WARRANTY:

01 Year warranty will be provided by the supplier from the date of satisfactory delivery and acceptance of the ordered goods.

**Annexure-I****Specifications of 3D Printer**

S. No	Feature	Specification
1	Print Technology	FDM (fused Deposition Modelling) or FFF (Fused Filament Fabrication)
2	Build Volume	Single extruder: 400*300*300 or more Dual extruder: 300*300*300 or more (all axes)
3	Extruder	Double
4	Filament Diameter	1.75 mm
5	Layer Resolution	0.08 or better
6	Filament Compatibility	Should mandatorily support all of (i) ABS, (ii) PLA, (iii) PETG, (iv) PVA, (v) PP, (vi) TPU, (vii) PA / Nylon composites, (viii) PC, (ix) PEEK or CF reinforced composite filament ATLEAST.
7	Nozzle Diameter	0.4 mm (default) and other optional
8	Print File Type	Atleast STL, OBJ
9	Printing speed	50 mm/s or better
10	Max. Nozzle Temperature	350°C or more
11	Max. Bed Temperature	120°C or more
12	Max. Chamber Temperature	50°C or more
13	Printing Field	Full closed covering

  
SPO

  
01/02/24