

NIQ No. IISERBpr/NIQ/PHY/2024-25/11

Date: July 10, 2024

NOTICE INVITING QUOTATIONS

Indian Institute of Science Education and Research (IISER), Berhampur, is an autonomous Institute established under Ministry of Education, Government of India. Quotations are invited from prospective bidders for Supply of 3D Printer. All prospective suppliers are requested to submit their quotations on or before the end date/time of submission in the following ways:

- By speed post to reach the specified address / drop the sealed quotation in tender box kept at the Security Desk of Institute.
- By email to purchase@iiserbpr.ac.in. The scanned soft copy (pdf) of the quotation should be password protected. The password will be obtained from the suppliers at the specified time of opening of NIQ. The unprotected soft copy of quotation may be rejected.

The sealed envelope should be duly super-scribed OR the subject of email providing soft copy of the quotation should be as follows: **"Quotation for Supply of 3D Printer vide NIQ No. IISERBpr/NIQ/PHY/2024-25/11 dated July 11, 2024"**

GEM GARPTS No.	-
Indent No.	IISERBpr/2024-25/PHY/B0091/14 dated 18/1/2024
NIQ No.	IISERBpr/NIQ/PHY/2024-25/11
NIQ Date:	July 11, 2024
Brief Description of the item to be procured	3D Printer (Specifications as per Annexure- 1)
Quantity	01(One)
Delivery Period (Days/weeks):	04 weeks from the release of Purchase Order
Delivery Location:	2nd Floor, IISER Berhampur, Transit Campus, Govt. ITI, Engineering School Road, Berhampur, Odisha – 760010
Estimated value	₹ 1,05,532 /-
NIQ Submission End Date & Time of submission	July 17, 2024 at 15.00 hrs
NIQ Opening Date, Time & Venue	July 17, 2024 at 15.45 hrs (Store & Purchase Office)
Delivery:	(i) FOR IISER Berhampur (ii) LD Charges @0.5 % per week for late delivery.
Payment Terms.	100 % after successful delivery and installation
Address for submission of NIQ:	The Stores & Purchase Officer IISER Berhampur, Transit Campus, Govt. ITI Building Engineering School Road Berhampur – 760010 Through email: purchase@iiserbpr.ac.in (strictly as per the above directive)
Award of Contract:	The bidder who quotes the Lowest amount shall be awarded the contract
Warranty (Onsite)	01 year onsite from the date of installation
For technical Clarifications please contact:	Dr. Vyas Akondi E-mail: vyas@iiserbpr.ac.in
NIQ Inviting Authority:	Stores and Purchase Officer for and on behalf of Director, IISER Berhampur Tel. No.0680 2227-728/709

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 10/07/24

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 10/07/2024
 Store & Purchase Officer

(NIQ NO. IISERBpr/NIQ/PHY/2024-25/11 dated July 11, 2024)
Technical Specifications.

Annexure I

Serial No.	Item details	Quantity	Compliance (Yes/No)																										
1	<u>3D printer</u> 3D printer must be fully assembled, calibrated, tested and ready to print out of the box. - Build Volume (approximate): 250 (X) x 200 (Y) x 200 (Z) mm³ - Must support following materials - PLA, ABS, PET, HIPS, Flex PP, Ninjaflex, Laywood, Laybrick, Nylon, Bamboofill, Bronzefill, ASA, T-Glase, Carbon-fibers enhanced filaments, Polycarbonates. - Must include an IR-based filament sensor - Print recovery after power loss – the printer must continue printing after power is restored after a power cut. - Safety feature - Thermal control feature to prevent uncontrolled heating. - Must include Power Stepper Motor for Extruder - Must include removable spring steel sheet (Smooth PEI sheet on both the sides) - Must have layer shift detection & recovery mechanism - Must have magnetic heat bed <u>Accessories – I: 5 Quantity, 1 kg each, PETG Filament, 1.75 mm diameter filament, in different colors (one each): Orange, Green, Black, White, Beige</u> <table><tr><td>Quantity:</td><td>5</td></tr><tr><td>Filament Diameter:</td><td>1.75mm</td></tr><tr><td>Material weight:</td><td>1 kg</td></tr><tr><td>each of the 5 colors</td><td></td></tr><tr><td>Printing temperature (Heat Bed):</td><td>80 to 85</td></tr><tr><td>degree Celsius</td><td></td></tr><tr><td>Printing temperature (Hot end):</td><td>240</td></tr><tr><td>degree Celsius</td><td></td></tr><tr><td>Density:</td><td>1.05</td></tr><tr><td>g/cm cube</td><td></td></tr><tr><td>Flexural Modulus:</td><td>2620</td></tr><tr><td>MPa</td><td></td></tr><tr><td>Tensile Strength:</td><td>47.0</td></tr></table>	Quantity:	5	Filament Diameter:	1.75mm	Material weight:	1 kg	each of the 5 colors		Printing temperature (Heat Bed):	80 to 85	degree Celsius		Printing temperature (Hot end):	240	degree Celsius		Density:	1.05	g/cm cube		Flexural Modulus:	2620	MPa		Tensile Strength:	47.0	01	
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	MPa Elongation At Break: $\leq 30\%$ Heat Deflection Temperature: 90°C With Spool: Yes Accessories – II: 5 Quantity, 1 kg each, PLA Filament, 1.75 mm diameter filament, in different colors (one each): Orange, Green, Black, White, Beige Quantity: 5 Material: Polylactic Acid Item Weight: 1 kg each of the colors With Spool: Yes		
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 10/07/2024
 Store & Purchase Officer

QUOTATION FORMAT

Ref : IISER Berhampur, NIQ No. _____ Dt. _____

Name of the Firm: _____ Name of Proprietor _____

Address _____

Quotation No. _____ Dt. _____

Mob No. _____

E-Mail: _____

GSTN. _____

Registration /License No. _____

PAN No. _____

Brief description of the material to be supplied: -

Sl.	Description of item	Qty	Unit Price	Discount Offered	GST %	Total cost with GST
1	3D Printer	01				
Total Rs.						

(a) All above prices are F.O.R. IISER Berhampur.

(b) 100% Payment will be made after delivery and installation within 30 days from date of supply and installation.

(c) Validity of quotation 30 days (e) Delivery period _____ (days/weeks)

(f) Warranty details _____

(g) Bank Account Details: Name of A/c Holder _____

Bank Name _____ A/c No. _____

IFSC _____

Certified that I Hereby accepted all terms and conditions of NIQ under reference.

Seal of the firm _____

Signature _____