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(2021) with CGPA 3.52

SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA

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शिवाजी विद्यापीठ, कोल्हापूर-416 004 महाराष्ट्र

दूरध्वनी : (ईपीएबीएक्स) 2609000

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Ref: SUK/YCSR/2231

Date : 30/12/2024

QUOTATION NOTICE

Sealed quotations are invited for 3 in 1 3D printer, Laser Engraver, CNC carver.

Name of the Instrument	Specification	Quantity	Duration
3 in 1 3D printer, Laser Engraver, CNC carver	Mentioned details below.	01	15 working days

Principal Investigator
(Mr. Sudhir Bharat Desai)

Details of the instruments is as follows,

Printing Technology :	FDM
3D printer Build Volume :	350 mm × 400 mm × 400 mm (Dual Nozzle)
Maximum Printing Speed :	300mm/s
Recommended Printing Speed :	180mm/s
Build Plate :	Double-sided PEI-coated Glass
Layer Height :	0.05-0.3mm
Extruder :	direct drive extruder
Filament Diameter :	1.75mm
Nozzle Diameter :	0.4 Standard [0.2 mm / 0.6 mm / 0.8 mm Brass Nozzle, 0.4 mm Hardened Nozzle]
Nozzle Temperature :	≤ 300°C
Max. Heated Bed Temperature (Inner Zone) :	110°C
Max. Heated Bed Temperature (Outer Zone) :	80°C
Build Surface :	Flexible build plate

Leveling Mode :	Auto-leveling and calibration
Supported Formats :	stl, svg, png, jpg, jpeg, bmp, dxf
Supported Materials :	Wood, acrylic, PCB, carbon fiber sheet, jade, etc
Laser Engraving and Cutting Build Volume :	400 x 400 x mm
Maximum Engraving Speed :	100 mm/s
Camera :	Built-in camera
Laser Power :	10W
Laser Type :	450 nm–460 nm Semi-conductor
Safety Class :	Class 4
Supported Engraving Materials :	Basswood, Paulownia, Pinewood, Plywood, Beech, Walnut, Bamboo, MDF, Painted Metal, copper-clad laminate, Tinplate, Stainless Steel, Anodized Aluminum, Dark Glass, Slate, Ceramics, Jade, Marble, Shale, Fabric, Canvas, Corrugated Paper, Cardboard, Plastic, Dark Acrylic (Blue excluded)
Supported Cutting Materials:	Basswood, Paulownia, Pinewood, Plywood, Beech, Walnut, Bamboo, MDF, Leather, Fabric, Canvas, Corrugated Paper, Cardboard, Plastic, Dark Acrylic (Blue excluded)
CNC Carving Build Volume :	400 x 400 mm
CNC Carving Module Wattage :	200W
Maximum Spindle Speed :	18,000 RPM
Maximum work speed :	Beech 50 mm/s, Acrylic 33 mm/s
Shank Diameter :	0.5–6.35 mm
Spindle Speed :	6,000–12,000 RPM
Supported Materials :	Hardwood (Beech, Walnut), Softwood, HDF, MDF, Plywood, Jade, Carbon Fiber, Acrylic, Epoxy Tooling Board, PCB
Frame Material :	Aluminum alloy
Data Transmission Methods :	Wi-Fi, USB cable, USB flash drive
Touchscreen Specs :	5 in., Android OS, Quad-core 1.1 GHz ARM Cortex-A7
Supported OS :	Windows, macOS, Linux
Integrated Controller Power :	300W + 400W
Power Loss Recovery :	Yes
Printable File Format :	G-Code
Slicing Software :	compatible with Cura,
Product Dimensions (Machine & Enclosure) :	665 mm × 943 mm × 705 mm

Terms and Condition

1. **No advance payment will be given at the time of purchase order.**
2. Not more than one quotation shall be submitted by one contractor or contractors having business relationship.
3. All the Bidders should ensure that they are GST compliant and their quoted tax structure/ rates as per GST Act/ Rules. Bidder should be registered under GST and furnish GSTIN number and GST Registration Certificate in their offer unless they are specifically exempted from registration under specific notification/ circular/ section/ rule issued by statutory authorities.
4. GST will be applicable as per rules and regulations.
5. All duties, Taxes and other levies payable by the supplier under the contract **shall be included** in the unit price.
6. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
7. The Prices should be quoted in Indian Rupees only.
8. The quotation would be evaluated for all items together.
9. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quoted price.
10. 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.
11. 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.
12. Full Payment shall be made in Indian Rupees after Delivery
13. **You are requested to provide your offer latest by 18:00 hours on 07/01/2025**
14. Sealed quotation to be submitted/ delivered at the address mentioned below, Shivaji University Kolhapur-416004, Maharashtra.
15. For any queries contact: Mr. Sudhir B. Desai - 9673748181, Dr. Vaishali P. Bhosale - 9422582710