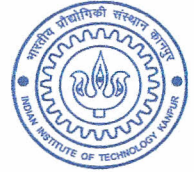




SIDBI INNOVATION AND INCUBATION CENTRE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR



To,

Ref No: IIT/ SIIC/Mole/EM/BV/10-11-2014

INVITATION FOR QUOTATIONS FOR SUPPLY OF ENGRAVING MACHINE

Brief Description of the Goods	Specifications*	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
Engraving Machine	Mentioned below	01	20 Days	Central Store, IIT Kanpur	Yes

Technical Specification of Engraving Machine

Table Size	610 (W) x 407 (D) mm (24 (W) x 16 (D) in.)
XYZ-axis travel	610 (X) x 407 (Y) x 42.5 (Z) mm (24 (X) x 16 (Y) x 1-5/8 (Z) in.)
XYZ-axis drive system	AC servo motors (DAC-FFP), 3-axis simultaneous control
Operation speed	XY-axis: 0.5, 1 to 100 mm/s (0.02 in./s, 0.039 to 3.9 in./s) Z-axis: 0.5, 1 to 50 mm/s (0.02 in./s, 0.039 to 1.9 in./s)
Acceleration	0.1 G, 0.05 G
Software resolution	0.01 mm/step (0.00039 in./step)
Mechanical resolution	X and Y axes:0.0025 mm/step (0.0001 in./step), Z axis:0.00125 mm/step (0.0005 in./step)XY-axis: 0.003 mm/step (0.00012 in./step) Z-axis: 0.0025 mm/step (0.000098 in./step)
Spindle Motor	Brushless DC motor, Maximum 72 W
Spindle Speed	8,000 to 30,000 rpm
Tool chuck	Cutter holder (4.36 mm) and collet
Loadable work piece thickness	Maximum 40 mm (1-9/16 in.)
Connectivity	Parallel connector (Centronics-compliant), serial connector (RS-232C-compliant), Memory card slot (Compliance with Multi Media Card), expansion connector 1, expansion connector 2
Control command set	RML-1
Power requirements	AC, 230 V, 240 V \pm 10 %, 50/60 Hz
Power consumption	3.5 A, 1.6 A at 230 V, 1.6 A at 240 V
Acoustic noise level	No-load operation: 75 dB (A) or less standby: 45 dB (A) or less (According to ISO 7779)
HP Computer	Intel® Core™ i3-4150 Processor

SIDBI INNOVATION AND INCUBATION CENTRE, INDIAN INSTITUTE OF TECHNOLOGY KANPUR, KANPUR-208016

Phones: 91-512-2597057/2597979(O) Fax: 91-512-2596177

e-mail: bvphani@iitk.ac.in web: www.iitk.ac.in/siic <http://home.iitk.ac.in/~bvphani/>

	Windows 8.1
	4GB DDR3 RAM / 1TB HDD
	1GB Graphics Card
	Included 19.5 inch LED monitor
Cemented carbide Engraving cutter	dia. = 4.36 x 165 (L) x 0.127 (W)
Diamond engraving Cutter	dia. = 4.36 x 178 (L),
Collet	Dia 4.36 mm collet
Dimensions (main unit)	995 (W) x 820 (D) x 521 (H) mm (32-5/16) (D) x 20-1/2 (H) in.)
Weight (main unit)	64 Kg (141 lb.)
Operating environment	Temperature: 5 to 40 C (41 to 104 F) Humidity: 35 to 80 % (no condensation)
Accessories	Operation panel: 1, Operation- panel connector cable: 1, power cord: 1, Depth regulator nose unit: 1, Solid collet: 1, Clamps: 4, Roland software package CD-ROM: 1, User's Manual: 1
Buffer memory	2MB (replete buffer: 1.9MB)
Positioning Accuracy	± 0.1 % of distance travelled or ± 0.1 mm (± 0.004 in.), whichever is greater (no-load operation)
Repeatability	0.05 mm (0.002 in.) or less

Terms & Condition

1. The scope includes:

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

2. Bid Price

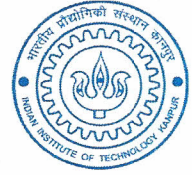
- a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
- b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
- c) Sales tax in connection with the sale shall be shown separately.
- d) 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.
- e) The Prices shall be quoted in Indian Rupees only.

3. Each bidder shall submit only one quotation.

4. Validity of Quotation



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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

- (a) are properly signed ; and
- (b) 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 and who has offered the lowest evaluated quotation price.

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.

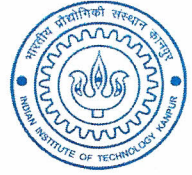
8. Warranty/ guarantee shall be 60 months to the supplied goods.

9. You are requested to provide your offer latest by 2.30 p.m. hours on 20/11/2014

10. We look forward to receiving your quotations and thank you for your interest in this project.



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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 years and details of current contracts in hand and other commitments

Dr. B.V Phani

Associate Dean, Innovation & Incubation

Associate Professor, Finance, Innovation & Entrepreneurship, IME

Coordinator, SIDBI Innovation & Incubation Centre

Coordinator, Syndicate Bank Entrepreneurship Research and Training Centre

Email: bvphani@iitk.ac.in/siic@iitk.ac.in

Tel. No.:- 0512-259-6646

Fax No.:- 0512-259-7553