



DEPARTMENT OF CIVIL ENGINEERING
Indian Institute of Technology Madras
I.I.T.P.O., MADRAS-600 036

Form for Inviting Quotations

Ref.No.CIE/PHAN/2019/Cutting Machine.

Date: 19-8-2019

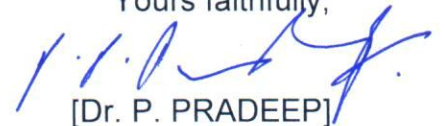
DUE DATE: 4.00 P.M on 3-9-2019

To

Dear Sirs,

1. Quotations are invited in duplicate for the various items shown below / overleaf / **Enclosed list.**
2. **The Quotations duly sealed and superscribed on the envelope with the reference No. and due date, should be addressed to the undersigned and contain in 2 bid system i.e. "Technical bid" and "Commercial bid" in two separate envelopes should be enclosed in a single envelope only so as to reach on or before the due date stipulated above.**
3. The Quotations should be valid for ninety days from the due date and the period of delivery required should also be clearly indicated.
4. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. Local Firms : Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.
7. Firms Outside Madras : Quotations should be for F.O.R. Madras. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rates of GST and other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for GST/General Taxes will be admitted at any stage and on any ground whatsoever. IIT Madras is eligible for concessional GST. Relevant certificate will be issued. In case of import supply the price should be quoted without custom duty. I.I.T. Madras is exempted from levy of IGST on Imports and eligible for concessional custom duty (not exceeding 5%) and the price should be quoted on **EX-WORXS** and **CIP** basis indicating the mode of shipment.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment : Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.

Yours faithfully,


[Dr. P. PRADEEP]

- Note: (i) Quotation should be sent by SPEED POST only or to be delivered directly to the concerned.
(ii) Firms are requested to submit the specifications of their product along with supporting technical Documentation / brochure instead of reproducing the specifications sent by us.

Laser cutting machine requirements:

Technical/Hardware specifications	
CO2 Laser Wattage	30 Watts
Work area size	407mm x 305mm (16in x 12in)
Lattice grill/grid required for cutting protection	Yes
Laser features	Air-cooled Laser, Controllable speed and power levels, Fan control for noise reduction
PC connection	USB 2.0 or higher
Power requirements	220V-240V (suitable for operation in India and with presence of any required stabilizers)
Auto-focusing and auto-alignment	Yes
Drive belts	High quality Kevlar belts
Software specifications	
Interface software	To operate the machine using a Windows PC. Should be able to use/read AutoCAD/JPEG/Corel Draw/Adobe files as input.
Display estimated job time	Yes
Materials database support	Pre-loaded power/speed settings for standard laser-cutting materials
Safety specifications	
Temperature and Fire-safety features required	Yes
Safety glass cover	Top access door with laminated glass (and not acrylic based)
User protection from Laser	Provide Googles or other
Lens/optics protection	Compressed air based or other
Air-extraction/air-compressor system	To remove heat, toxic/combustible gases and/or smoke
Other specifications/requirements	
Materials to cut	Acrylic sheets, mylar, plastic, paper, cardboard and very thin metal sheets (less than 0.5 mm)
Warranty requirement	Minimum of 3 years
On-site commissioning & training	Yes

General terms and conditions

- The supplier/vendor must be an original equipment manufacturer or the sole authorised agent/dealer/seller of the proprietary item.
- The system should be delivered within 8 - 10 weeks from the opening of the letter of credit or issue of purchase order, whichever is later.
- Costs and related information should be given only in the financial bid. Item-wise break up of cost should be provided for the different items (parts).
- The cost should include 36 months warranty of the overall system and CIP up to Chennai.
- Prices quoted should be valid for at least 90 days.
- IIT Madras reserves the right to exclude some items from the purchase.
- The payment conditions consist of 90% LC at site and 10% after installation and satisfactory training.
- The system should be installed and commissioned with no additional cost.
- Training at IIT Madras should be provided with no additional cost.
- Two copies of the system manual should be provided in CD form.
- There must be a local service agent in India.

Technical Bid should comprise of the following:

- Certificate of OEM or sole authorised agent to be enclosed as proof of local service support
- Detailed Technical brochure
- Detailed technical write up explaining how each of the Technical Specifications are complied with.
- The list of at least three Institutions/R&D units/Industry where similar installations have been supplied in India/abroad including contact details (name of the person in-charge, email and phone number) is to be provided.
- Proof of local service support

After Sales, Service & Application Support:

Vendor should have after sales service support centre and application support centre for the offered System at India to provide prompt services, application support for various applications of our interest.

Reference:

Quoted model should have at-least 3 installation in India/Abroad. Three performance certificates of the quoted model in reputed institutions in India should be enclosed duly signed and stamped by the concerned scientist. Recent Performance should be enclosed.