



INDRAPRASTHA INSTITUTE of
INFORMATION TECHNOLOGY
DELHI

TENDER FOR SUPPLY & INSTALLATION OF LASER CUTTER
FOR
INDRAPRSTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI
PHASE-III, NEW DELHI-110020

(Tender no. IIITD/MM/Laser Cutter /007/2021-22)

INVITATION FOR BIDS

Indraprastha Institute of Information Technology -Delhi (IIITD), a State University created by an Act of Govt. of NCT of Delhi, invites sealed bids for **Supply and installation of Laser Cutter Machine** (as per specifications mentioned under Scope of Work below) for its campus at Okhla Phase-III New Delhi-110020.

1. Earnest Money Deposit: Exempted. Bid Security Declaration to be submitted as per Annexure-X
2. The tender document can be downloaded from the Institute's web-site. Those wishing to get the copy of the document from the Institute may please deposit non-refundable Tender Document Fee of Rs.1,180/- (Rupees One Thousand One Hundred Eighty only) in the form of Demand draft drawn in favour of IIIT-Delhi Collections", payable at New Delhi or may deposit Rs.1,180/-with the F&A division of the Institute and enclose the receipt with the filled up tender document. Tender fees is exempted for MSMEs/NSIC registered suppliers.
3. The last date for submission of bid is 29th June 2021 up to 4:00 PM. The Technical bids shall be opened on the same day i.e. 29th June, , 2021 at 4.30 P.M. The Tender Document should be addressed to:

Registrar,

**Indraprastha Institute of Information Technology-Delhi
Okhla Phase-III, (Behind Govind Puri Metro Station)
New Delhi-110020.**

The document may be deposited in the Tender Box kept in the Store & Purchase department at the Room no. A 107, First Floor, Old Academic Block of the Institute. Bids received after 4:00 PM will not be accepted or considered under any circumstances.

Bidding Procedure:

1. Bids are invited in Two Bids System i.e. (1) Technical and (2) Financial.

Technical and Financial bids should be sealed separately and enclosed in a sealed envelope clearly indicating separately Technical Bid for “**Supply and installation of “ Laser Cutter Machine”** and Financial Bid for "**Supply and installation of “Laser Cutter Machine ”** addressed to Registrar IIIT-Delhi, Okhla Industrial Area Phase-III, New Delhi-110020.

2. Sealed quotations shall be received not later than 4.00 P.M. on 29th June , 2021. No bids will be accepted after this date & time under any circumstances. The Institute will not be responsible for any postal/courier delay and also for reasons beyond control of the Institute.
3. Technical bids must contain the EMD declaration, along with complete technical details as desired by this tender. Technical bids of all the tenderers will be opened on pre scheduled date, time & venue. The financial bid will be opened after evaluation of the technical bid. Financial bid of only those meeting the requirement of the Institute will be opened and no representation in this regard will be entertained. The date, time of opening of financial bid will be communicated later.

Scope of Work

Technical Specifications of the Laser Cutter Machine (Quantity - 3)

TECHNICAL SPECIFICATION – LASER CUTTER MACHINE

Laser Machine Cutting / Engraving

| S.No | Requirements | Details |
|------|---|---|
| 1 | Work Area | Minimum workbench area should be 620mm x 450mm or more. |
| 2 | Thickness of material | It should support cutting up to 5 mm in continuous operation mode. |
| 3 | Brand | The product should belong to the best brand and similar machines should be installed in many reputed institutes, organisations. Proof will be required to submit |
| 4 | Z axis movement of the bed | More than 5 inch (Automatic) |
| 5 | Auto Focus feature | It should be present in the machine |
| 6 | Distance movement Resolution / Accuracy | 0.3 mm or 0.1% of the move, or better than this |
| 7 | Software | <p>The design and controlling software should come along with the machine. And it should be for life time duration. The software should have the flexibility to automatically (or one click option) to correct the error of the design file. It should be easy to control in use. If at any point of time, we find that software is difficult to learn, vendors need to always provide training whenever it will be required. Other additional features like grouping, dimension adjustment, timing information, cut & paste, grid size adjustment, and most importantly tools to design files directly on the software itself. More features in addition to this will be preferred and required. Timely upgraded software would be required to share with us.</p> <p>Software should be compatible with latest version of Windows OS such as 10 and MAC operating systems with a minimum of 4 GB RAM</p> |
| 8 | Modes | Cutting, Engraving and flexibility to run both modes simultaneously should be present in the machine or software or both. Other modes will also be preferred |

| | | |
|----|-------------------------|---|
| 9 | Movement control | The best branded DC servo motors closed loop with branded high quality belt will be required, which should be able to provide fine movement to the head unit of the laser. It should be maintenance free at all. |
| 10 | Speed and Power | It should be software (and machine controlled) with a resolution varying between 0.1% to 100%. |
| 11 | Display Panel | <p>Display showing current file name, total working time, laser power, engraving speed, file(s) loaded into memory buffer, setup and diagnostic menus and other important features such as autofocus, auto-adjustment that will help the user to control it from the display itself.</p> <p>Machine should have an automatic (and manual also) capability to adjust its focus with respect to the material thickness under testing.</p> |
| 12 | Print Interface | It should be compatible using USB, in-built wireless (or can be an external wifi router connected with machine itself to take the command), and ethernet based (with all three) |
| 13 | Electrical Requirements | Auto switching power supply, 220 volt AC , 50 & 60 Hz. |
| 14 | Ventilation system | External exhaust system with minimum flow rate of 350 ft ³ /h or 640 m ³ /h. Exhaust system should be capable of exhausting fumes up to the height of 20 foot. Related adjustments will be required to be done by the vendor only. Complete setup will be accepted. |
| 15 | Laser Source | <p>Laser source should be air cooled.</p> <p>Sealed CO-2 Laser source (metal tube) should be present with a rating at least 30 Watt.</p> <p>The laser (should mention class) should be completely safe, that would be present in the machine. It should not harm at any point of time neither to machine and most importantly nor to humans.</p> <p>A completed safety setup should be in the machine itself. Safety certificate will be required by the company to which it belongs.</p> |
| 16 | Coolant | Air-cooled, should be able to work in varied environmental conditions |
| 17 | Safety | Laser product/ source should be compliant with all international safety guidelines. All approved certificates need to be submitted with the machine. It should not be harmful with respect to the user. Body of the laser machine should be rigid, solid, ergonomically designed to help users to interact with it. |

| | | |
|----|-------------------------|--|
| 18 | File Formats | DXF, .AI, OBJ, and others. The software should be compatible to support known and mostly used File Format. We would prefer which support the maximum distinct number of file formats at least- 8, which are mostly used. |
| 19 | Other accessories | Other accessories like wiring, cables, air compressor (should belong to brand only) , exhaust for ventilation (specification given before or after), UPS with battery will also be provided by vendors only. Grid cutting table with dust cleaning feature, dust prevention window to keep lens and mirror clean for longer life. |
| 20 | Warranty | Full Machine with all accessories like exhaust, UPS, software and other additional things which will be provided to us should be under 1 years of warranty with parts replacement. |
| 21 | Materials compatibility | Machines should support a wide range of material which belong to the wood category, acrylics, clothes, ceramic, leather, stone, would prefer coated metal also, and more. List of material needed to be provided by the vendor. |
| 22 | Consumables | With a machine, all consumables like mirror, lenses should be present. One additional lens should also be there. Other than this all hand tools, user safety equipment's, emergency stop button, cleaner, lens cleaner, |
| 23 | Resolution | It should be controlled and should go 1000 or more DPI. It is an important requirement, vendors can be asked to give the demo before the tender. |
| 24 | Installation sites are | Delhi, Sonipat, and Ludhiana |

Minimum Eligibility Requirement:

- 1 Bidder should be OEM/Authorized Partner/service provider of the OEM. In case the tenderer is an Authorized Partner or Service Provider a valid Agency-ship/Dealership Certificate (MAF specific to this tender) to quote on behalf of OEM should also be enclosed along with the technical bid. **A document in support of this must be enclosed.**
- 2 OEM & bidders should have Sales office in Country. **A self-certified document in support of this must be enclosed.**
- 3 The warranty provided by the bidder should have a back to back arrangement with the OEM. **The declaration should be the part of a Letter of Authorization and signed by competent authority at the OEM.**
- 4 The bidder should be ISO 9001 certified. **A copy of ISO Certificate should be enclosed.**
- 5 The vendor/OEM should be able to provide 24 x 7 NOC & Tele support of their own if required by IIITD at agreed terms. **A self-certified document in support of this must be enclosed.**
- 6 The bidder shall provide the Registration number of the firm along with the valid GST number with PAN Number allotted by the competent authorities. **A self-certified document in support of this must be enclosed.**
- 7 The bidder must not be blacklisted by Central Government, State Government or Government of Corporations in India. **A certificate or undertaking to this effect must be submitted.**
- 8 If the bidder is an authorized partner or service provider of an OEM, **an undertaking from the OEM is required** (please enclose) stating that they would facilitate the bidder on a regular basis with technology/product updates and extends support for the warranty as well.
- 9 The bidder must be responsible for supply, deploy and support the infrastructure.
- 10 If vendor /OEM do not meet its SLA, IIITD put the fine of 2000/- Rs. per day for first seven days and @ Rs.5, 000/- per day from 8th day onwards will be levied.
- 11 Bidders can seek clarifications, raise technical/ financial queries etc. related to tender by 24-06-2021 via email to e-mail **ajay@iiitd.ac.in**. The replay to clarifications sought or queries raised will be replied within 02 days by 25-06-2021 and uploaded on the website of the institute under www.iiitd.ac.in Based on this the bidders may submit bids as prescribed by the due date the time. No clarifications in any other form will be provide

Following information must accompany the financial bid:

| | | |
|----|---|--|
| 1 | Name, address and telephone number of the firm/company | |
| 2 | Name of the contact person and contact details (mobile/telephone number etc.) | |
| 3 | Name of the Bank and full address | |
| 4 | Bank Account Number | |
| 5 | PAN & GSTIN (Attach self-certified copy) | |
| 6 | Valid self-certified copy of authorization from Bidder | |
| 7 | Copy of Partnership Deed/ Certificate of registration of company or any other document evidencing registration of the bidder | |
| 8 | Number of Years of Experience | |
| 9 | Details of DD towards: Tender Fee: EMD: | |
| 10 | Provide the previous PO's of the same items work executed during last three years (attested copies of the Orders to be enclosed) | |
| 11 | List of service centers, nearest location of support centre. | |
| 12 | Turnover of the bidder in the financial years: 2017-18 2018-19 2019-20 Please attach CA certified copy of the turnover. | |
| 13 | ISO 9000 Certification (please attach certified copy) | |

I /We hereby certify that the information furnished above is full and correct to the best of my/our knowledge.

(Signature of the authorized Signatory)
Name:
Office Seal.

Date:
Place:

TERMS AND CONDITIONS

1. The financial bid should be valid for a period of not less than 60 days from the date of opening of bid.
2. Upon placing of the Purchase Order (PO), the successful bidder is required to submit performance Bank guarantee (PBG) equivalent to 3% of the PO value within 15 days of the date of PO, failing which the EMD amount will be forfeited and the bidder shall be notified as blacklisted. The PBG will be valid for a period of 60 days beyond the stipulated date for cessation of the contract which is co-terminus with the warranty period. No interest is payable on the PBG.
3. PBG will be realized by IIIT-D in case of termination of the contract for unsatisfactory performance and/or non-performance of the contract.
4. The Product to be supplied within a period of 6-7 weeks from the date of the Purchase Order by the Institute. If vendor fails to supply the item as quoted in the Technical & Financial bid, the PBG amount will be forfeited and the bidder shall be notified as blacklisted, or as deem appropriate by the institute.
5. Minimum one year service & replacement warranty from the date of delivery/installation.
6. Bids will be opened in the presence of bidder's representatives, who choose to attend on the specified date and time. Only one representative shall be allowed to attend.
7. Sealed bid can be sent either by post or by messenger. The responsibility of delivery of bid lies entirely with the bidder.
8. 100% payment will be released only on satisfactory installation / services as per scope of work as certified by officer in charge of the Institute and after producing the GST invoice. Bidder does not agree to above payment terms are requested not to submit their bid.
9. Payment will be paid only if required SLA as mentioned in scope of work is met.
11. In the event of dispute, Director, IIIT-Delhi shall be the sole arbitrator and his decision shall be final and binding on both the parties.
12. IIIT-Delhi does not bind itself to accept the lowest or any other offer and reserves the right to accept or reject any or all the offers either in full or in part without assigning any reason.
13. In case the bidder is not able to execute the Work as per terms, PBG shall be forfeited.
14. Tender fee is exempted for MSME's/NSIC registered vendor /suppliers.
15. The selected bidder has to sign an agreement with IIITD on a stamp paper after issue of Purchase/Work order. The agreement is attached Annexure 'Y.'

PROFORMA FOR FINANCIAL BID

| S. No. | Details | Qty. | *All Inclusive Cost (Please quote in INR only)* |
|--------|--|------|---|
| 1 | Supply and installation of Laser Cutting Machine (As per tender scope of Work) | 3 | |
| 2 | Discount, if any | | |
| | Total Amount Rs. | | |
| | <p style="text-align: center;">Total Final Cost (in figures) with Installation at IIIT Delhi campus Okhla Phase III, New Delhi.</p> <p style="text-align: center;">The Bidder may obtain price in Forex (USD) however the quote in financial Bid should be INR only.</p> <p style="text-align: center;"><i>*If any documents are required for availing custom duty exemption, the IIITD will provide the same. Please quote price accordingly.</i></p> | | |

Please note the price should be quoted for each of the item and should be inclusive of all taxes/charges and installation at IIIT-Delhi.

****In terms of Notification No. 45/2017-Central Tax (Rate), dated 14/11/2017 of the Government of India, Ministry Of Finance (Department Of Revenue), vide Sr. No.2, the Indraprastha Institute of Information Technology-Delhi being a University established by an Act of the Govt. of NCT of Delhi (Delhi Act 5 of 2008) and registered with the Government of India in the Department of Scientific and Research (Regn. No. TU/V/RG-CDE (1157) 2018, dated 14.09.2018) is eligible for concessional rate of 5% GST on items as specified in the Notification.***

The discount, if any should be mentioned herein and nowhere else.

Total Cost (all inclusive) of quantity mentioned above (in words) at IIIT-Delhi campus:

We accept that the rate quoted above shall remain valid for a period of 60 days from the last date of the tender document i.e. 60 days from 29th June , 2021. It is certified that the rates quoted above are not more than the rates charged from any Central / State Govt. Deptt. / Institution / GeM.

(Signature and seal of the Bidder)

Exempted Bid Security Declaration Form”

Date: _____ Tender No. _____
To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that: I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid;

Or

b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Security Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed:
(Signature of person whose name and capacity are shown) In the capacity of (legal capacity of person signing the Bid Securing Declaration)

Name:
(Complete name of person signing he Bid Security Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

Annexure 'Y'

ON NON JUDICIAL STAMP PAPER OF RS 100/-

AN AGREEMENT made on _____ day of _____ two thousand Twenty One

BETWEEN

(hereinafter called the contractor, which expression shall include its proprietor, partners, heirs, executors, administrators, legal representatives, successors and assignees) WITH REGISTERED ADDRESS.....of the one part

AND

The REGISTRAR Indraprastha Institute of Information Technology Delhi, Okhla Industrial Area Phase III, New Delhi - 110020 (hereinafter called the IIITD, which expression shall include its successors and assignees) of the other part.

Whereas the IIITD had invited Bids <Please write tender name> ; vide its Bid Document No. _____, which shall be deemed to be a part of this agreement; FOR THE SCOPE OF WORK/SUPPLY

Whereas the contractor submitted its TENDER Bid dated _____, a copy of the price bid, submitted by the contractor, is annexed hereto as Annexure;

Whereas the IIITD has accepted the Bid submitted by the contractor, on the terms and conditions mentioned in the IIITD's said Bid Document and conveyed its acceptance to the contractor; vide its letter No. _____ dated _____, AND ANY OTHER CORRESPONDENCEwhich shall be deemed to be a part of this agreement;

Whereas the contractor is agreeable to the terms and conditions mentioned in the IIITD's said Bid document;

Whereas the contractor undertakes to comply with all relevant laws like Contract Labour (Regulation and Abolition) Act, 1970; Employees' State Insurance and Miscellaneous Provisions Act, 1952; Employees' State Insurance Act, 1948; Minimum Wages Act, 1948; Payment of Bonus Act, 1972; Payment of Wages Act, 1936; Income Tax Act; GST Act etc. and to indemnify the IIITD from the contractor's acts of omission or commission, as regards the compliance with the relevant laws;

Whereas the contractor declares that he/she/it shall own all responsibility for any act of omission or commission, as regards the compliance with the relevant laws;

AND WHEREAS the IIITD is agreeable to make necessary payment to the Contractor, at the rates mentioned in the Annexure annexed hereto and as per the terms and conditions mentioned in the IIITD's said Bid Document;

In WITNESS whereof Shri (name), (designation), the authorized representative of the contractor, for and on behalf of the contractor, has hereunto set his hand and for and on behalf of the IIITD has hereunto set his hand.

(Signature of the authorized representative of the Contractor)

Name and designation of the contractor's representative

In the presence of

1

2

(Signature of witnesses with full name and full address)

Registrar

for and on behalf of the IIITD

In the presence of

1

2

(Signature of witnesses with full name and full address)