



INDRAPRASTHA INSTITUTE of  
INFORMATION TECHNOLOGY  
DELHI

**TENDER FOR SUPPLY & INSTALLATION OF 3D SCANNER**  
**FOR**  
**INDRAPRSTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI**  
**PHASE-III, NEW DELHI-110020**

(Tender no. IIITD/MM/3D Scanner /76/2020-21)

## 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 3D Scanners**\_(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 15<sup>th</sup> March 2021 up to 3:00 PM. The Technical bids shall be opened on the same day i.e. 15<sup>th</sup> March , 2021 at 3.30 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 3:00 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 “3D Scanner/Flexible 3D Scanning System ”** and Financial Bid for **“Supply and installation of “3D Scanner/Flexible 3D Scanning System ”** addressed to Registrar IIIT-Delhi, Okhla Industrial Area Phase-III, New Delhi-110020.

2. Sealed quotations shall be received not later than 3.00 P.M. on 15<sup>th</sup> March, 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 3D Scanner/Flexible 3D Scanning System (Quantity - 3)

#### **TECHNICAL SPECIFICATION**

S.No	Requirements	Details
1.	Scanner uses	Scanner should be handheld type only. Scanner should be able to run on battery also so that device can be easily moved freely).
2	Data capture	It should be capable of scanning motion objects with a high frame rate. Preference would be more than 20 Frames/sec.
3	Light source	White Light LED or better one
4	Safety	The light source should be safe for human scanning. It should not harm at all to humans while scanning or after that. (Certificate will be required from the company itself for human safety)
5	Easy to handle	The device should not be required any pre-calibration or proper setting environment. The span area of its use should be maximum. Scanner should be able to capture the Flat and curved parts of the object under test. The device should be used easily without any manual calibration process at all. There should not be any requirement of scanning object modification or scanning object preparation at all. The scanner should be flexible with proper insulated protected ports for wire connection if required. The product should be light weight less than 1 kg at all. Display on the device will also be preferred but not essential
6	Scanner Linear view	Should be equal to better than 600mm
7	Field of View	The angle of view should be high to capture most of the data of the object and produce the best results.
8	<b>Measurement rate</b>	Data acquisition rate should be at least more than 10,000,00 points per sec or much higher than this.
9	Object Resolution	0.5mm or better
10	Power option	Battery powered device backup should be more or comparable to 7 hours in continuous mode.

11	Software	Software should be able to do automatically most or all jobs as required to get the best scanned output. It should have the flexibility to change some of the parameters as per the user requirement. The processing time of the software should be minimum. The whole software must be easy to use by the user. It should not have any training requirements at all which need to be given to users. Software will be given by the company itself and it should be of lifetime without any cost. One click to resolve all the errors while processing scanned image in the software.
12	Formats	Maximum number of file format ( at least greater than 7) support is required which the scanner software should support. Formats example :- DXF, .OBJ, .PTX and others
13	System requirements	Should be compatible with windows 10 or MAC and higher version of operating systems.
14	Warranty	3 Years. Supplier will required to give the training and demo of their product before and after the installation and also during the warranty period

### **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 8<sup>th</sup> day onwards will be levied.
- 11 Bidders can seek clarifications, raise technical/ financial queries etc. related to tender by 22-02-2021 via email to e-mail **ajay@iiitd.ac.in**. The replay to clarifications sought or queries raised will be replied within 04 days by 26-02-2021 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 07 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 4-6 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.



## PROFORMA FOR FINANCIAL BID

S. No.	Details	Qty.	*All Inclusive Cost (Please quote in INR only)*
1	Supply and installation of 3D Scanner / Flexible 3D scanning system (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;"><b>The Bidder may obtain price in Forex (USD) however the quote in financial Bid should be INR only.</b></p> <p style="text-align: center;"><b><i>*If any documents are required for availing custom duty exemption, the IIITD will provide the same. Please quote price accordingly.</i></b></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 15<sup>th</sup> March, 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)