Notice Inviting Quotation (E-Procurement mode) कोटेशन को आमंत्रित करने की सूचना (इ-प्रोक्योर्मेंट मोड)

INDIAN INSTITUTE OF TECHNOLOGY DELHI भारतीय प्रौद्योगिकी संस्थान दिल्ली HAUZ KHAS, NEW DELHI-110016 होज ख़ास, नई दिल्ली -110016

Dated/ दिनांक: 13/12/2022

Open Tender Notice No. / खुला प्रस्ताव निविदा सूचना नंबर: IITD/CBME(SP-4045)/2022

Indian Institute of Technology Delhi is in the process of purchasing following item(s) as per details as given as under.

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी दिल्ली निम्नलिखित मदों की खरीद की प्रक्रिया में है।

Details of the item आइटम का विवरण	Biomechanical Test systems (Cyclic tensile and rotary)
Earnest Money Deposit to be submitted बयाना जमा करने के लिए जमा राशि	Nil . However, bidders are required to submit 'Bid Security Undertaking' in lieu of EMD (Annexure-IX)
Warranty वारंटी अवधि	3 Years/3 साल
Performance security निष्पादन सुरक्षा	3% of Contract value
Delivery Schedule	16 weeks from the date of Contract value

Tender Documents may be downloaded from Central Public Procurement Portal http://eprocure.gov.in/eprocure/app. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll / register before participating through the website http://eprocure.gov.in/eprocure/app. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.

निविदा दस्तावेज केन्द्रीय सार्वजनिक खरीद पोर्टल http://eprocure.gov.in/eprocure/app से डाउनलोड हो सकते हैं ई-प्रोक्योरमेंट में पंजीकृत नहीं होने वाले इच्छुक बोलीदाताओं को वेबसाइट http://eprocure.gov.in/eprocure/app के माध्यम से भाग लेने से पहले पंजीकरण करना चाहिए। पोर्टल नामांकन मुफ्त है बोलीदाताओं को सलाह दी जाती है कि 'ऑनलाइन बोली के लिए निर्देश' पर दिए गए निर्देशों के माध्यम से जाने की सलाह दी जाए। Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Delhi tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website http://eprocure/app as per the schedule given in the next page.

निविदाकर्ता वेबसाइट पर निविदा दस्तावेज का उपयोग कर सकते हैं (एनआईसी साइट में खोज के लिए, कृपया निविदा खोज विकल्प और 'आईआईटी' टाइप करें। उसके बाद, सभी आईआईटी दिल्ली निविदाओं को देखने के लिए "गो" बटन पर क्लिक करें) उपयुक्त निविदा का चयन करें और उन्हें सभी प्रासंगिक सूचनाओं से भरें और वेबसाइट पर http://eprocure.gov.in/eprocure/app पर पूरा निविदा दस्तावेज ऑनलाइन जमा करें। अगले पृष्ठ में दिए गए कार्यक्रम के अनुसार

No manual bids will be accepted. All quotation (both Technical and Financial should be submitted in the E-procurement portal).

कोई मैन्युअल बोली स्वीकार नहीं की जाएगी। सभी कोटेशन (तकनीकी और वित्तीय दोनों को ई-प्रोक्योरमेंट पोर्टल में जमा करना चाहिए)

SCHEDULE

Name of Organization	Indian Institute of Technology Delhi
Tender Type (Open/Limited/EOI/Auction/Single/Global)	Global
Tender Category (Services/Goods/works)	Goods
Type/Form of Contract (Work/Supply/ Auction/ Service/ Buy/ Empanelment/ Sell)	Buy
Product Category (Civil Works/Electrical Works/Fleet Management/ Computer Systems)	Research Equipment
Source of Fund (Institute/Project)	Project Code - RP04255
Is Multi Currency Allowed	YES
Date of Issue/Publishing	13/12/2022 (15:00 Hrs)
Document Download/Sale Start Date	13/12/2022 (15:00 Hrs)
Document Download/Sale End Date	10/01/2023 (15:00 Hrs)
Date for Pre-Bid Conference	
Venue of Pre-Bid Conference	
Last Date and Time for Uploading of Bids	10/01/2023 (15:00 Hrs)
Date and Time of Opening of Technical Bids	11/01/2023 (15:00 Hrs)
Tender Fee	NIL (For Tender Fee) (To be paid through RTGS/NEFT. IIT Delhi Bank details are as under: Name of the Bank A/C : IITD Revenue Account SBI A/C No. : 10773572622 Name of the Bank : State Bank of India, IIT Delhi, Hauz Khas, New Delhi-110016 IFSC Code : SBIN0001077 MICR Code : 110002156 Swift No. : SBININBB547 (This is mandatory that UTR Number is provided in the on-line quotation/bid. (Kindly refer to the UTR Column of the Declaration Sheet at Annexure-II)
No. of Covers (1/2/3/4)	02
Bid Validity days (180/120/90/60/30)	120 days (From last date of opening of tender)
Address for Communication	Prof. Dinesh Kalyanasundaram, Room 298, Block 2, IIT Delhi
Contact No.	011-2659-7344
Fax No.	

Chairman Purchase Committee (Buyer Member)

Instructions for Online Bid Submission/ ऑनलाइन बोली (बिड) के लिए निर्देश:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL:http://eprocure.gov.in/eprocure/app). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

व्यय विभाग के निर्देशों के अनुसार, यह निविदा दस्तावेज केंद्रीय सार्वजनिक प्रापण पोर्टल (यूआरएल: http://eprocure.gov.in/eprocure/app) पर प्रकाशित किया गया है। बोलीदाताओं को मान्य डिजिटल हस्ताक्षर प्रमाण पत्र का उपयोग करते हुए सीपीपी पोर्टल पर इलेक्ट्रॉनिक रूप से अपनी बोलियों की सॉफ्ट प्रतियां जमा करना आवश्यक है। सीपीपी पोर्टल पर पंजीकरण करने के लिए निविदाकर्ताओं की सहायता करने के लिए नीचे दिए गए निर्देशों का मतलब है, सीपीपी पोर्टल पर आवश्यकताओं के अनुसार अपनी बोलियां तैयार करें और अपनी बोलियां ऑनलाइन जमा करें।

More information useful for submitting online bids on the CPP Portal may be obtained at: अधिक जानकारी सीपीपी पोर्टल पर ऑनलाइन बोलियां जमा करने के लिए उपयोगी हो सकती है: http://eprocure.gov.in/eprocure/app

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: http://eprocure.gov.in/eprocure/app) by clicking on the link "Error! Hyperlink reference not valid.". Enrolment on the CPP Portal is free of charge.
 - बोलीदाताओं को "नामांकन के लिए यहां क्लिक करें" लिंक पर क्लिक करके सेंट्रल पब्लिक प्रोक्युरमेंट पोर्टल (यूआरएल: http://eprocure.gov.in/e-procure/app) के ई-प्रोक्योरमेंट मॉड्यूल पर भर्ती करना आवश्यक है। सीपीपी पोर्टल पर नामांकन नि: शुल्क है
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
 - नामांकन प्रक्रिया के भाग के रूप में, बोलीदाताओं को अपने खाते के लिए एक अद्वितीय उपयोगकर्ता नाम चुनना होगा और एक पासवर्ड प्रदान करना होगा।
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
 - बोलीदाताओं को सलाह दी जाती है कि पंजीकरण प्रक्रिया के भाग के रूप में अपना वैध ईमेल पता और मोबाइल नंबर पंजीकृत करें। इन का उपयोग सीपीपी पोर्टल से किसी भी संचार के लिए किया जाएगा।
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
 - नामांकन पर, बोलीदाताओं को सीसीए इंडिया द्वारा मान्यता प्राप्त किसी प्रमाणन प्राधिकरण द्वारा जारी किए गए अपने मान्य डिजिटल हस्ताक्षर प्रमाण पत्र (कक्षा द्वितीय या कक्षा III प्रमाण पत्र के साथ महत्वपूर्ण उपयोग पर हस्ताक्षर करने) की आवश्यकता होगी (जैसे सिफी /टीसीएस /एनकोड /ई-मुद्रा आदि), उनके प्रोफाइल के साथ
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.

- केवल एक मान्य डीएससी एक बोलीदाता द्वारा पंजीकृत होना चाहिए। कृपया ध्यान दें कि निविदाकर्ता यह सुनिश्चित करने के लिए ज़िम्मेदार हैं कि वे अपने डीएससी को दूसरों को उधार नहीं देते हैं जिससे दुरुपयोग हो सकता है।
- 6) Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.
 - बोलीदाता फिर अपने यूजर आईडी / पासवर्ड और डीएससी / ईटीकेन के पासवर्ड को दर्ज करके सुरक्षित लॉग-इन के माध्यम से साइट पर लॉग ऑन करता है।

SEARCHING FOR TENDER DOCUMENTS/ निविदा दस्तावेजों के लिए खोजना

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
 - सीपीपी पोर्टल में निर्मित विभिन्न खोज विकल्प हैं, ताकि बोलीदाताओं को कई मापदंडों से सक्रिय निविदाएं खोज सकें। इन मापदंडों में निविदा आईडी, संगठन का नाम, स्थान, तिथि, मूल्य आदि शामिल हो सकते हैं। निविदाओं के लिए उन्नत खोज का एक विकल्प भी है, जिसमें बोलीदाता कई नामों को जोड़ सकते हैं जैसे संगठन का नाम, अनुबंध का स्थान, स्थान, सीपीपी पोर्टल पर प्रकाशित निविदा की खोज के लिए तारीख, अन्य कीवर्ड आदि।
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
 - बोलीदाताओं ने एक बार निविदाएं चुनी हैं जिसमें वे रुचि रखते हैं, उसका वे आवश्यक दस्तावेज / निविदा कार्यक्रम डाउनलोड कर सकते हैं। ये निविदाएं 'मेरी निविदाओं' फ़ोल्डर में ले जाई जा सकती हैं। इससे सीपीपी पोर्टल को बोलीदाताओं को एसएमएस / ई-मेल के माध्यम से सूचित किया जा सकता है, यदि निविदा दस्तावेज में कोई शुद्धि जारी कि गई है।
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.
 - बोलीदाता को प्रत्येक निविदा को निर्दिष्ट अद्वितीय निविदा आईडी का नोट बनाना चाहिए, अगर वे हेल्पडेस्क से कोई स्पष्टीकरण / सहायता प्राप्त करना चाहते हैं।

PREPARATION OF BIDS / बोली (बिड) की तैयारी

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
 - बोलीदाता को अपनी बोलियां जमा करने से पहले निविदा दस्तावेज पर प्रकाशित किसी भी शुद्धि को ध्यान में रखना चाहिए।
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
 - कृपया बोली के भाग के रूप में जमा किए जाने वाले दस्तावेजों को समझने के लिए निविदा विज्ञापन और निविदा दस्तावेज ध्यान से देखें। कृपया उन अंकों की संख्या पर ध्यान दें जिन में बोली दस्तावेज जमा करना है, दस्तावेजों की संख्या जिसमें प्रत्येक दस्तावेज के नाम और सामग्री शामिल हैं, जिन्हें प्रस्तुत करने की आवश्यकता है। इनमें से कोई भी विचलन बोली को अस्वीकार कर सकता है।

- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
 - बोलीदाता, अग्रिम में, निविदा दस्तावेज / अनुसूची में बताए अनुसार प्रस्तुत करने के लिए बोली दस्तावेज तैयार करना चाहिए और आम तौर पर, वे पीडीएफ / एक्सएलएस / आरएआर / डीडब्ल्यूएफ स्वरूपों में हो सकते हैं। बोली दस्तावेजों को 100 डीपीआई के साथ काले और सफेद विकल्प स्कैन किया जा सकता है।
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

मानक दस्तावेजों के एक ही सेट को अपलोड करने के लिए आवश्यक समय और प्रयास से बचने के लिए जो प्रत्येक बोली के भाग के रूप में जमा करने के लिए आवश्यक हैं, ऐसे मानक दस्तावेज अपलोड करने का प्रावधान (जैसे पैन कार्ड कॉपी, वार्षिक रिपोर्ट, लेखा परीक्षक प्रमाण पत्र आदि)) बोलीदाताओं को प्रदान किया गया है। ऐसे दस्तावेजों को अपलोड करने के लिए बोलीकर्ता उनके लिए उपलब्ध "मेरा स्पेस" क्षेत्र का उपयोग कर सकते हैं। बोली जमा करते समय ये दस्तावेज़ सीधे "मेरा स्पेस" क्षेत्र से जमा किए जा सकते हैं, और उन्हें बार-बार अपलोड करने की ज़रूरत नहीं है इससे बोली जमा प्रक्रिया के लिए आवश्यक समय में कमी आएगी।

SUBMISSION OF BIDS/ बोली (बिड) का जमा करना

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
 - बोलीदाता को बोली प्रस्तुति के लिए अच्छी तरह से साइट पर लॉग इन करना चाहिए ताकि वह समय पर बोली अपलोड कर सके या फिर बोली प्रस्तुत करने के समय से पहले। अन्य मुद्दों के कारण किसी भी देरी के लिए बोलीदाता जिम्मेदार होगा।
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
 - बोलीदाता को निविदा दस्तावेज में दर्शाए अनुसार एक-एक करके आवश्यक बोली दस्तावेजों को डिजिटल हस्ताक्षर और अपलोड करना होगा।
- 3) Bidder has to select the payment option as "on-line" to pay the tender fee / EMD as applicable and enter details of the instrument. Whenever, EMD / Tender fees is sought, bidders need to pay the tender fee and EMD separately on-line through RTGS (Refer to Schedule, Page No.2).
 - बोलीदाता को निविदा शुल्क / ईएमडी को भुगतान के लिए "ऑन लाइन" के रूप में भुगतान विकल्प चुनना होगा और उपकरण का विवरण दर्ज करना होगा। जब भी, ईएमडी / निविदा शुल्क की मांग की जाती है, बोलीदाताओं को टेंडर शुल्क और ईएमडी अलग-अलग आरटीजीएस के माध्यम से ऑन लाइन पर भुगतान करने की आवश्यकता होती है (अनुसूची, पेज नं .2 देखें)।
- 4) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
 - एक मानक BoQ प्रारूप को सभी बोलीदाताओं द्वारा भरने के लिए निविदा दस्तावेज प्रदान किया गया है। बोलीदाताओं को इस बात का ध्यान रखना चाहिए कि उन्हें आवश्यक प्रारूप में अपनी वित्तीय बोली जमा करनी चाहिए और कोई अन्य प्रारूप स्वीकार्य नहीं है। बोलीकर्ताओं को BoQ फाइल को डाउनलोड करने, इसे खोलने और अपने संबंधित वित्तीय उद्धरण

और अन्य विवरण (जैसे बोलीदाता का नाम) के साथ सफेद रंगीन (असुरक्षित) कोशिकाओं को पूरा करना आवश्यक है। कोई भी अन्य कक्ष नहीं बदला जाना चाहिए। एक बार विवरण पूरा हो जाने पर, बोलीदाता को इसे सहेजना होगा और इसे ऑनलाइन जमा करना होगा, बिना फ़ाइल नाम बदलना। यदि BOQ फ़ाइल को बोलीदाता द्वारा संशोधित किया गया है, तो बोली को खारिज कर दिया जाएगा।

- 5) The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
 - सर्वर का समय (जो बोलीदाताओं के डैशबोर्ड पर प्रदर्शित होता है) बोलीदाताओं द्वारा बोलियों को खोलने के लिए समय सीमा को संदर्भित करने के लिए मानक समय के रूप में माना जाएगा। बोलीदाताओं को खोलना आदि। बोलीदाताओं को बोली प्रस्तुत करने के दौरान इस समय का पालन करना चाहिए।
- 6) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
 - बोलीदाताओं द्वारा प्रस्तुत सभी दस्तावेज पीकेआई एन्क्रिप्शन तकनीकों का उपयोग करके एन्क्रिप्ट किया जाएगा जिससे डेटा की गोपनीयता सुनिश्चित हो सके। दर्ज किए गए डेटा को अनिधकृत व्यक्तियों द्वारा बोली खोलने के समय तक नहीं देखा जा सकता है। बोलियों की गोपनीयता को सुरक्षित सॉकेट लेयर 128 बिट एन्क्रिप्शन तकनीक का उपयोग कर रखा जाता है। संवेदनशील क्षेत्रों का डेटा संग्रहण एन्क्रिप्शन किया जाता है।
- 7) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
 - अपलोड किए गए निविदा दस्तावेज केवल अधिकृत बोलीदाता द्वारा निविदा खोलने के बाद ही पठनीय हो सकते हैं।
- 8) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
 - बोलियों के सफल और समय पर जमा होने पर, पोर्टल एक सफल बोली प्रस्तुत करने का संदेश देगा और एक बोली सारांश बोली संख्या के साथ प्रदर्शित किया जाएगा। और अन्य सभी प्रासंगिक विवरणों के साथ बोली प्रस्तुत करने की तारीख और समय।
- 9) Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet. कृपया अनुपालन पत्रक की एक पीडीएफ फाइल में सभी प्रासंगिक दस्तावेजों के स्कैन किए गए पीडीएफ़ को जोड दें।

ASSISTANCE TO BIDDERS / बोलीदाताओं को सहायता

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
 - निविदा दस्तावेज से संबंधित कोई भी प्रश्न और इसमें निहित नियमों और शर्तों को निविदा आमंत्रण प्राधिकरण को निविदा के लिए या निविदा में वर्णित प्रासंगिक संपर्क व्यक्ति से संबोधित किया जाना चाहिए।
- 2) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315. ऑनलाइन बोली प्रस्तुत करने या सामान्य में सीपीपी पोर्टल से संबंधित प्रश्नों की प्रक्रिया से संबंधित कोई भी प्रश्न 24x7 सीपीपी पोर्टल हैल्पडेस्क पर निर्देशित किया जा सकता है। हेल्पडेस्क के लिए संपर्क संख्या 1800 233 7315 है

General Instructions to the Bidders / बोलीदाताओं के लिए सामान्य निर्देश

- 1) The tenders will be received online through portal http://eprocure.gov.in/eprocure/app . In the Technical Bids, the bidders are required to upload all the documents in .pdf format. निविदाएं पोर्टल http://eprocure.gov.in/eprocure/app के माध्यम से ऑनलाइन प्राप्त होंगी तकनीकी बोलियों में, बोलीदाताओं को सभी दस्तावेजों को। पीडीएफ प्रारूप में अपलोड करना होगा।
- Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://eprocure.gov.in/eprocure/app. Digital Signature Certificates can be obtained from the authorized certifying agencies. details of which are available in https://eprocure.gov.in/eprocure/app under the link "Information about DSC". कंपनी के नाम में स्मार्ट कार्ड / ई-टोकन के रूप में मान्य क्लास II / III डिजिटल हस्ताक्षर प्रमाण पत्र (डीएससी) के पंजीकरण के लिए एक शर्त है और https://eprocure.gov.in/eprocure/ के माध्यम से बोली प्रस्तृत करने की गतिविधियों में भाग ले सकते है। डिजिटल हस्ताक्षर प्रमाण पत्र अधिकृत प्रमाणित एजेंसियों से प्राप्त की जा सकती है, जिनमें से जानकारी "डीएससी के बारे में सूचना" लिंक के तहत वेब साइट https://eprocure.gov.in/eprocure/app पर उपलब्ध है।
- 3) Tenderer are advised to follow the instructions provided in the 'Instructions to the Tenderer for the esubmission of the bids online through the Central Public Procurement Portal for e Procurement at https://eprocure.gov.in/eprocure/app.

 निविदाकर्ता को सलाह दी जाती है कि वे निविदाकार को निर्देश दिए गए हों ताकि ई-प्रोक्योरमेंट के लिए सेंट्रल पब्लिक प्रोकॉर्ममेंट पोर्टल के जिए https://eprocure.gov.in/eprocure/app पर ऑनलाइन निविदाएं जमा कर सकें।

Centre for Biomedical Engineering Indian Institute of Technology Hauz Khas, New Delhi-110 016

NOTICE INVITING QUOTATIONS

Subject: Biomechanical Test systems (Cyclic tensile and rotary)

Invitation for Tender Offers

Indian Institute of Technology Delhi invites online Bids (Technical bid and Commercial bid) from eligible and experienced OEM (Original Equipment Manufacturer) OR OEM Authorized Dealer for **supply, installation & integration of Biomechanical Test systems (Cyclic tensile and rotary)** with (warranty period as stated at page #1 of this tender) on site comprehensive warranty from the date of receipt of the material as per terms & conditions specified in the tender document, which is available on CPP Portal http://eprocure.gov.in/eprocure/app

This tender is towards the purchase of a state-of-the-art **Biomechanical Test systems (Cyclic tensile and rotary)** and fixtures for Biomedical devices to develop the testing facility at mPRAGATI which is a National Centre for MedTech Product Development. Located at IIT Delhi, the facility is funded by the Indian Council of Medical Research (ICMR), the Department of Health Research (DHR), and IIT Delhi. The National Centre is first-of-its-kind in India for the medical ecosystem and shall be available to medical device innovators, entrepreneurs, students, and faculty across the country.

Application: Measurement of static and dynamic tensile strength, fatigue, and endurance properties of metallic and polymeric test samples and parts. It must also be equipped with professional tools & software for fast & reliable measurements. Must be capable of inspection of functional fatigue properties of sub-assembled and fully assembled products in Biomedical science and related applications. The Universal fatigue testing Machine must be controlled automatically and manually through a multifunction console and/or through PC software.

S. No.	Machine and Fixtures	Specification
	Test frame	•
1.	Load frame	 It should be electro dynamic fatigue tester Servo hydraulic solution will NOT be acceptable. Shall be fatigue rated and capable of testing in both tensile and compressive modes. Shall be equipped with a corrosion-resistant T slot base to facilitate the attachment of fixturing. Shall be equipped with a system for locking the moving crosshead manually, without requiring the use of any tooling. Torsion drive should not influence the performance of the axial drive and also the axial drive should not influence the torsion performance. Machine should have the capability for dynamic torsion tests also.
2.	Overall height of the test fram	ne Shall be in 3000 mm or below

3.	The overall width of the test frame	Shall be between 800 mm and 900 mm
4.	The height of the mounting table	Shall be between 650 mm and 750 mm
	Actuator	
5.	Dynamic capacity	+/- 10 kN or better
6.	Static Capacity	7 kN or better
7.	Actuator stroke	60 mm or better
8.	Torsion dynamic capacity	+/- 100 Nm or better
9.	Torsion static capacity	+/- 70 Nm or better
10.	Maximum frequency	100 Hz or better
11.	Accuracy and repeatability	+/- 2 μm or better
12.	Piston speed	1.5 m/s or higher
13.	Rotational speed	max 100 rpm or better
14.	Test area width	shall be between 400 mm and 500 mm
15.	Test area height (without tooling)	shall be between 1000 mm and 1200 mm
	Load cell	
16.	Dynamic load cell	 10 kN with 100 Nm or better 1 kN with 10 Nm or better
17.	Static load cell	1. 10 N or better
18.	Control System	 The system must feature a high-performance digital control system capable of controlling the actuator in position, encoder, load, and strain modes. 10kHz data acquisition rate and control frequency 24-bit signal resolution 2-channel safety concept 4 module slots for universal measurement amplifiers or analog I/O cards All transducers should be automatically recognized by the controller. It is preferrable to have the controller connect the DIC system to receive data.
	Software	
19.	Interface	 The interface should have a standard test sequence programmed and be able to guide the user through the process. Software must allow for the set and running of tests (tensile, compression, fatigue) in a quick and user-friendly manner.

20.	Fatigue growth studies	 Option to program multiple steps with different loading conditions and different frequencies. Option to do variable amplitude tests using user-specified transition points.
21.	Low-cycle fatigue test	1. Tests can be done in stress control, total strain control, and plastic strain control.
	Safety	
22.	Safety device	1. The frame shall incorporate an auto-frame standby mode that automatically stops the frame when the transducer, interface, or computer is disconnected or shut down.
	Fixtures for Hypodermic Syrin	nges, Pre-filled syringes, and pre-filled bottles
23a.	Toolings for the following tests on hypodermic syringes according to ISO 11040-4 1. C1 Flange breaking resistance 2. C2 Luer cone breaking resistance 3. E Glide force test method to evaluate syringe lubrication 4. F Needle penetration test 5. G1 Needle pull-out force 6. G2 Closure system liquid leakage test 7. G3 Luer lock adaptor collar pull-off force 8. G4 Luer lock adaptor collar torque resistance 9. G5 Luer lock rigid tip cap unscrewing torque 10. G6 Pull-off force of the tip cap or the needle shield	Vendor shall provide all necessary toolings, holders, grips, and other accessories for all Annexures in the ISO 11040-4 such as Annex C1, C2, E, F, G1, G2, G3, G4, G5, and G6 method 1 and 2
23b.	Software for ISO 11040-4	Vendor shall provide advanced software for all the Annexures in ISO 11040-4.
23c.	Test device for plunger actuation force in hypodermic syringes EN ISO 7886-1	1. All necessary test fixture for syringes and carpules - For determination of the forces on the stopper (breakaway force, glide force).

		 Test fixture for determination of the plunger glide force, for example to EN ISO 11040 Annex E and G2, and EN ISO 7886-1 Annex E (2017). The universal holding device
23d.	Test device for determining the Residual Seal Force	Vendor shall provide all necessary toolings, holder, and grips, such as 1. Specimen holder. 2. Collection tray for liquids. 3. Upper compression fixture 4. Compression dies and advanced testing software to determine the residual seal force.
	Fixtures for Dental implant	
24.	Fixtures for compression Testing on dental implants according to ISO 14801.	The vendor shall provide all necessary fixtures such as 1. Implants angle adjustment based on testing axis with angle graduation. 2. Horizontal adjustment to compensate for the misalignment. 3. Gripping unit for implant embedded in a pot.
	Fixture for Testing Suture	
25.	Fixtures for tensile testing of surgical sutures according to the standard ASTM D2256.	 Tensile grip should be pneumatic clamping. It should have a follow-up action to eliminate slippage of the specimens. It should be able to accommodate various diameters up to 3.5 mm. It should be suitable for cords, yarns, fine wires, and monofilaments.
	Fixtures for testing Bone stap	les
26.	Fixtures for testing of bone staples as per ASTM F564	Vendor shall provide all the accessories and toolings for testing of bone staples as per ASTM F564 1. Flat vise to hold fabrics or soft tissues 2. Flat sample holder
	Hip implant fixtures	
27a.	Fixtures for deformation testing of acetabular shells according to ISO 7206-12	Vendors shall provide all necessary tooling and accessories for deformation testing of acetabular shells based on ISO 7206-12.
27b.	Fixtures for testing of Femoral head rotation according to ISO 7206-13	Vendors shall provide all necessary tooling and accessories for femoral head torsion test based on ISO 7206-13 including 1. Alignment unit for hip ball

		2. Rotation test device
27c.	Fixtures for testing disassembly force of acetabular shells and liner according to ASTM F1820.	Vendors shall provide all necessary tooling and accessories for testing the disassembly force of acetabular shells and liners.
27d.	Fixtures for testing the fatigue properties of the femoral stem according to ASTM F2580.	Vendors shall provide all necessary tooling and accessories for the fatigue test of the femoral stem based on ASTM F2580.
	General Fixtures	
28a.	Compression platen	 Maximum capacity: 10 kN 150 mm to 200 mm in diameter
28b.	Tensile grips	 Wedge side action grips of capacity 10 kN Maximum specimen thickness: 30 mm
28c.	Mechanical T-fatigue grip	 Mechanical T- fatigue grip 10 kN set of grip inserts for flat specimen and round specimen 10 kN or better. Should be capable of working in the temperature range between -70 °C and 250 °C
28d.	Three-point bending grips	Maximum Capacity: 10 kN
	Other System Requirements	
29.	Power requirement	Suitable for operation in, 240 VAC, 50 Hz
30.	Installation and commissioning requirements	The bidder should state the space required and the condition of the floor and any other requirements for the installation of the machine and equipment. State clearly the specification of electrical requirements. The vendor should carry out the installation and commissioning of the machine and its accessories.
31.	Tools	Should be provided with Allen wrenches, Screwdrivers, Tweezers, or other necessary tools for proper maintenance
32.	Training and Documentation	Minimum of 2 days training, which includes basic and advanced level training. Training faculty must be adequate in the field. The vendor should supply the necessary manuals such as - 1. Software Instructions 2. Maintenance and trouble manuals 3. Training installation and commission 4. Handling of accessories 5. Software Key (if any)

33.	Support after the warranty period	After the warranty the bidder must provide the necessary after-sales support for the smooth operation of the system for 10 years or more.
34.	Installation, Commissioning, and Training	Installation and commissioning are to be done by the vendor at the IIT Delhi and on-site hands-on training for at least 2 working days covering all aspects of equipment, operation, and maintenance. The company should provide the name and address of the authorized service center in India with a certificate.

Optional items		
	Fixtures for testing stent and cathete	ers
35a.	Toolings and fixtures for radial Compression tests for stents testing to achieve ASTM F3067-14	Vendor shall provide all necessary toolings, holder, grips, and other accessories to determine the residual seal force according to ASTM F3067-14
35b.	Fixtures for Glide Force Test on Catheter	 Vendor shall provide all necessary toolings such as Fluid bath with heating thermostat and connecting hoses. Bath temperature controller. Sample holder for pull-out test for catheters. Adapter extension. Piece screw grips I/O module for analog and digital signal processing. Jaw inserts (Stainless steel and rubber). Connectors for glide force test on the urological catheter.
35c.	Toolings and fixtures Stent tracking device for vertical use based on ASTM F2394 1. Dislodgement Force	Vendor shall provide all necessary toolings such as 1. Stent securement shim grip. 2. Parallel vice. 3. T slot plate. 4. Jaw inserts 5. Screw grips 6. USC module universal measurement amplifier. Connector for stent tracing based on ASTM F2394.

Services:

- 1. Installation of the equipment.
- 2. Complete comprehensive warranty for three (3) years
- 3. Conduct of periodic training programs for the staff/users.

4. User support as and when needed.

Technical bid (in cover/envelope 1) shall contain the following:

- 1. Original Equipment manufacturer (OEM) shall submit the required documentation regarding manufacturing and sale of the equipment. In case of authorized distributor/ representative, authorization letter from the OEM shall be submitted with the bid.
- 2. The bidder shall be an established entity with a minimum of ten years of experience in manufacturing and supplying UTM. Documentation to this effect shall be submitted.
- 3. The equipment quoted shall be the latest. Corresponding catalogs shall be submitted along with the technical bid.
- 4. The bidder shall have a well-trained service network available in India to cater to the service requirements of the installed biomechanical testing equipments. The details of the same shall be submitted along with the technical bid.
- 5. The bidder shall have supplied similar products to Indian Governmental/ non-governmental organizations of repute, including academic/ research Institutes.
- 6. It is preferrable that bidder submit copies of ISO 9001/NABL/NADCAP certification of the manufacturing facility/product Manufactured.
- 7. The bidder must provide the installation certificate or User Satisfactory Report (Minimum two different users) from users to whom they have supplied similar systems.
- 8. OEM of the quoted equipment shall certify that spare & service support for quoted equipment would be available for at least 10 years from the date of quotation.
- 9. On request, the bidder shall arrange for a demonstration of a similar system supplied by him anywhere in India.

Financial bid (in cover/envelope 2) shall contain the following:

- 1. The bidder shall provide the cost of the main equipment (including the fixtures under main equipment) and optional items **separately**.
- 2. Supporting documents for price reasonability (past purchase orders/ supply orders) shall be submitted along with the bid.

Purchase order will be released to the bidder based on technical qualification and price-wise L1.

Disclaimers:

- 1. IIT Delhi reserves the right to halt, alter, modify, or cancel the procurement process at any stage.
- 2. IIT Delhi reserves the right to impose a penalty as per IIT Delhi norms (point 13 of Terms and Conditions given below) if the delivery schedule is not met.
- 3. Terms and conditions printed on supplier/bidder/OEM letterhead or any other document is NOT binding to IIT Delhi.
- 4. IIT Delhi reserves the right to disqualify the bidder if the samples supplied are not of the desired quality.

A complete set of tender documents* may be Download by prospective bidder free of cost from the website http://eprocure.gov.in/eprocure/app. Bidder has to make payment of requisite fees (i.e. Tender fees (if any) and EMD) online through RTGS/NEFT only.

Terms & Conditions Details

Sl. No.	Specification
1.	Due date : The tender has to be submitted on-line before the due date. The offers received after the
	due date and time will not be considered. No manual bids will be considered.
2.	Preparation of Bids : The offer/bid should be submitted in two bid systems (i.e.) Technical bid
	and financial bid. The technical bid should consist of all technical details along with commercial
	terms and conditions. Financial bid should indicate item wise price for the items mentioned in the
	technical bid in the given format i.e BoQ_XXXX.
	The Technical bid and the financial bid should be submitted Online.
	Note:- Comparison of prices will be done ONLY on the bids submitted for the Main Equipment
	and anything asked as 'Optional' in the specs is not to be included for overall comparison.
3.	EMD (if applicable): The tenderer should submit an EMD amount through RTGS/NEFT. The
	Technical Bid without EMD would be considered as UNRESPONSIVE and will not be accepted. The
	EMD will be refunded without any interest to the unsuccessful bidders after the award of contract.
	Refer to Schedule (at page 1 of this document) for its actual place of submission.
4.	Refund of EMD : The EMD will be returned to unsuccessful Tenderer only after the Tenders are
	finalized. In case of successful Tenderer, it will be retained till the successful and complete
	installation of the equipment.
5.	Opening of the tender : The online bid will be opened by a committee duly constituted for this
	purpose. Online bids (complete in all respect) received along with EMD (if any) will be opened as
	mentioned at "Annexure: Schedule" in presence of bidders representative if available. Only one
	representative will be allowed to participate in the tender opening. Bid received without EMD (if
	present) will be rejected straight way. The technical bid will be opened online first and it will be
	examined by a technical committee (as per specification and requirement). The financial offer/bid
	will be opened only for the offer/bid which technically meets all requirements as per the
	specification, and will be opened in the presence of the vendor's representatives subsequently for
	further evaluation. The bidders if interested may participate on the tender opening Date and Time.
	The bidder should produce authorization letter from their company to participate in the tender
	opening.
6.	Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers
	without assigning any reason.
7.	Pre-qualification criteria:
	(i) Bidders should be the manufacturer / authorized dealer. Letter of Authorization from original
	equipment manufacturer (OEM) on the same and specific to the tender should be enclosed.
	(ii) An undertaking from the OEM is required stating that they would facilitate the bidder on a
	regular basis with technology/product updates and extend support for the warranty as well. (Ref.
	Annexure-II)
	(iii) OEM should be internationally reputed Branded Company.
	(iv) Non-compliance of tender terms, non-submission of required documents, lack of clarity of the
	specifications, contradiction between bidder specification and supporting documents etc. may lead
	to rejection of the bid.
	(v) In the tender, either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself
	can bid but both cannot bid simultaneously for the same item/product in the same tender.
	(vi) If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid
	on behalf of another Principal/OEM in the same tender for the same item/product.
8.	Performance Security : The supplier shall require to submit the performance security in the form
	of irrevocable bank guarantee issued by any Indian Nationalized Bank/ Foreign Bank (if local
	representative is not involved) for an amount which is stated at page #1 of the tender document
	within 21 days from the date of receipt of the purchase order/LC and should be kept valid for a
	period of 60 days beyond the date of completion of warranty period. If the downtime of the
	equipment exceeds 15 working days in the 1 year warranty period, the bank guarantee will be
	forfeited.

9. **Force Majeure:** The Supplier shall not be liable for forfeiture of its performance security, liquidated damages or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For purposes of this Clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not limited to, acts of the Purchaser either in its sovereign or contractual capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such conditions and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Maieure event. 10. **Risk Purchase Clause**: In event of failure of supply of the item/equipment within the stipulated delivery schedule, the purchaser has all the right to purchase the item/equipment from the other source on the total risk of the supplier under risk purchase clause. 11. **Packing Instructions**: Each package will be marked on three sides with proper paint/indelible ink, the following: i. Item Nomenclature ii. Order/Contract No. iii. Country of Origin of Goods iv. Supplier's Name and Address v. Consignee details vi. Packing list reference number **Delivery and Documents:** 12. Delivery of the goods should be made within a maximum of **08 weeks** from the date of the opening of LC. Within 24 hours of shipment, the supplier shall notify the purchaser and the insurance company by cable/telex/fax/e mail the full details of the shipment including contract number, railway receipt number/ AAP etc. and date, description of goods, quantity, name of the consignee, invoice etc. The supplier shall mail the following documents to the purchaser with a copy to the insurance company: 4 Copies of the Supplier invoice showing contract number, goods' description, quantity unit price, total amount; 2. Insurance Certificate if applicable; 3. Manufacturer's/Supplier's warranty certificate: Inspection Certificate issued by the nominated inspection agency, if any Supplier's factory inspection report; and Certificate of Origin (if possible by the beneficiary): Two copies of the packing list identifying the contents of each package. The above documents should be received by the Purchaser before arrival of the Goods (except where the Goods have been delivered directly to the Consignee with all documents) and, if not received, the Supplier will be responsible for any consequent expenses. 13. **Delayed delivery:** If the delivery is not made within the due date for any reason, the Committee will have the right to impose penalty 1% per week and the maximum deduction is 10% of the contract value / price. **Prices**: The price should be quoted in net per unit (after breakup) and must include all packing and 14. delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of taxes & duties shall be clearly indicated. The price should be quoted without custom duty and excise duty, since IIT Delhi is exempted from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand.

In case of imports, the price should be quoted on FOB/FCA origin Airport Basis only. Under special circumstances (eg. perishable chemicals), when the item is imported on CIF/CIP, please indicate CIF/CIP charges separately upto IIT Delhi indicating the mode of shipment. IIT Delhi will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges. At any circumstances, it is the responsibility of the foreign supplier to handover the material to our forwarder at the origin airport after completing all the inland clearing.

"In case of **CIF/CIP** shipments, kindly provide the shipment information at least 2 days in advance before landing the shipment along with the documents i.e. invoice, packing list, forwarder Name, address, contact No. in India to save penalty/demurrage charges (imposed by Indian Customs). Otherwise these charges will be recovered from the supplier/Indian Agent."

Note: -Comparison of prices will be done ONLY on the bids submitted for the Main Equipment and anything asked as 'Optional' in the specs is not to be included for overall comparison.

15. **Evaluation of Price/Financial Bid:**

For the bids surviving the technical evaluation which have been found to be responsive the evaluation & comparison shall be made as under:

- 1. If the response to the tender consists only of Indigenous Offers
- (i) The final landing cost of purchase after all discounts, freight, forwarding, insurance, taxes etc. shall be the basis of evaluation.
- (ii) In the case of goods manufactured in India or goods of foreign origin already located in India, GST and excise duty (if applicable) and other similar taxes and duties, which will be contractually payable (to the tenderer) on the goods are to be added and will be considered in determination of evaluation criteria for L-1 in those cases where only Indian bidders are competing.
- 2. If the response to the tender consists only of **Imported Offers**
- (i) The FOB/FCA price shall be the basis of evaluation. Please make sure that your Price Bid mentions FOB/FCA prices clearly and not just CIF/CIP prices directly OTHERWISE for the purpose of comparison such CIF/CIP price will be taken into account.
- (ii) In cases where all the offers are from foreign suppliers, ranking will be assessed on FOB/FCA basis. In the case of goods of foreign origin offered from abroad, customs duty and other similar import duties/taxes, which will be contractually payable (to the tenderer) on the goods, are to be added;
- (iii) All the foreign quotes will be brought to a common denomination in Indian Rupees by adopting the Selling exchange rate of the RBI/State Bank of India on the date of the opening of Price/financial Bids.
- 3. If the response to the tender consists of Imported as well as Indigenous Offers
- (i) The comparison between the indigenous and the foreign offers shall be made on the final landing cost of purchase taking into account, freight, forwarding, insurance, taxes etc. as specified in clause 1(i) and (ii) and for bids in foreign currency as per clause 2 (i), (ii) & (iii)
- (ii) Further, adding advalorem/custom duty/countervailing duty (as applicable) at the rate of 9.34% on price quoted on FOB/FCA term including cost for safe Unloading and all other costs for all activities as per scope of work basis. IIT Delhi will submit Custom Duty Exemption Certificate under clause no.51/96.

16.	Notices: For the purpose of all notices, the following shall be the address of the Purchaser and
	Supplier.
	Purchaser: Prof. Dinesh Kalyanasundaram, Room 298, Block 2,
	Centre for Biomedical Engineering
	Indian Institute of Technology
	Hauz Khas, New Delhi - 110016.
	Supplier: (To be filled in by the supplier)
	(All supplier's should submit its supplies information as per Annexure-II).
17.	Progress of Supply: Wherever applicable, supplier shall regularly intimate progress of supply, in
	writing, to the Purchaser as under:
	1. Quantity offered for inspection and date;
	2. Quantity accepted/rejected by inspecting agency and date;
	3. Quantity dispatched/delivered to consignees and date;
	4. Quantity where incidental services have been satisfactorily completed with date;
	5. Quantity where rectification/repair/replacement effected/completed on receipt of any
	communication from consignee/Purchaser with date; 6. Date of completion of entire Contract including incidental services, if any; and
	7. Date of receipt of entire payments under the Contract (In case of stage-wise inspection, details
	required may also be specified).
18.	Inspection and Tests: Inspection and tests prior to shipment of Goods and at final acceptance are as
	follows:
	• After the goods are manufactured and assembled, inspection and testing of the goods shall be
	carried out at the supplier's plant by the supplier, prior to shipment to check whether the goods
	are in conformity with the technical specifications attached to the purchase order. Manufacturer's
	test certificate with data sheet shall be issued to this effect and submitted along with the delivery
	documents. The purchaser shall be present at the supplier's premises during such inspection and
	testing if need is felt. The location where the inspection is required to be conducted should be
	clearly indicated. The supplier shall inform the purchaser about the site preparation, if any,
	needed for installation of the goods at the purchaser's site at the time of submission of order
	 acceptance. The acceptance test will be conducted by the Purchaser, their consultant or other such person
	nominated by the Purchaser at its option after the equipment is installed at purchaser's site in the
	presence of supplier's representatives. The acceptance will involve trouble free operation and
	ascertaining conformity with the ordered specifications and quality. There shall not be any
	additional charges for carrying out acceptance test. No malfunction, partial or complete failure of
	any part of the equipment is expected to occur. The Supplier shall maintain necessary log in
	respect of the result of the test to establish to the entire satisfaction of the Purchaser, the
	successful completion of the test specified.
	• In the event of the ordered item failing to pass the acceptance test, a period not exceeding one
	weeks will be given to rectify the defects and clear the acceptance test, failing which the Purchaser
	reserve the right to get the equipment replaced by the Supplier at no extra cost to the Purchaser.
	• Successful conduct and conclusion of the acceptance test for the installed goods and equipment
10	shall also be the responsibility and at the cost of the Supplier.
19.	Resolution of Disputes : The dispute resolution mechanism to be applied pursuant shall be as
	follows:
	• In case of Dispute or difference arising between the Purchaser and a domestic supplier relating to
	any matter arising out of or connected with this agreement, such disputes or difference shall be
	settled in accordance with the Indian Arbitration & Conciliation Act, 1996, the rules there under

	 and any statutory modifications or re-enactments thereof shall apply to the arbitration proceedings. The dispute shall be referred to the Director, Indian Institute of Technology (IIT) Delhi and if he is unable or unwilling to act, to the sole arbitration of some other person appointed by him willing to act as such Arbitrator. The award of the arbitrator so appointed shall be final, conclusive and binding on all parties to this order. In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules. The venue of the arbitration shall be the place from where the order is issued.
20.	Applicable Law: The place of jurisdiction would be New Delhi (Delhi) INDIA.
21.	Right to Use Defective Goods
	If after delivery, acceptance and installation and within the guarantee and warranty period, the operation or use of the goods proves to be unsatisfactory, the Purchaser shall have the right to continue to operate or use such goods until rectifications of defects, errors or omissions by repair or by partial or complete replacement is made without interfering with the Purchaser's operation.
22.	Supplier Integrity
	The Supplier is responsible for and obliged to conduct all contracted activities in accordance with the Contract using state of the art methods and economic principles and exercising all means available to achieve the performance specified in the contract.
23.	Training
	The Supplier is required to provide training to the designated Purchaser's technical and end user personnel to enable them to effectively operate the total equipment.
24.	Installation & Demonstration
	The supplier is required to done the installation and demonstration of the equipment within one month of the arrival of materials at the IITD site of installation, otherwise the penalty clause will be the same as per the supply of materials.
	In case of any mishappening/damage to equipment and supplies during the carriage of supplies from the origin of equipment to the installation site, the supplier has to replace it with new equipment/supplies immediately at his own risk. Supplier will settle his claim with the insurance company as per his convenience. IITD will not be liable to any type of losses in any form.
25.	Insurance: For delivery of goods at the purchaser's premises, the insurance shall be obtained by the supplier in an amount equal to 110% of the value of the goods from "warehouse to warehouse" (final destinations) on "All Risks" basis including War Risks and Strikes. The insurance shall be valid for a period of not less than 3 months after installation and commissioning. In case of orders placed on FOB/FCA basis, the purchaser shall arrange Insurance. If orders placed on CIF/CIP basis, the insurance should be up to IIT Delhi.
26.	Incidental services: The incidental services also include:
	• Furnishing of 01 set of detailed operations & maintenance manual.
	 Arranging the shifting/moving of the item to their location of final installation within IITD premises at the cost of Supplier through their Indian representatives.
27.	 Warranty: (i) Warranty period shall be (as stated at page #2 of this tender) from date of installation of Goods at the IITD site of installation. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the contract. If for reasons attributable to the Supplier, these guarantees are not attained in whole or in part, the Supplier shall at its discretion make such changes, modifications, and/or additions to the Goods or any part thereof as may be necessary in order to attain the contractual guarantees specified in the Contract at its own cost and expense and to carry out further performance tests. The warranty should be comprehensive on site.

The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall immediately within in 02 days arrange to repair or replace the defective goods or parts thereof free of cost at the ultimate destination. The Supplier shall take over the replaced parts/goods at the time of their replacement. No claim whatsoever shall lie on the Purchaser for the replaced parts/goods thereafter. The period for correction of defects in the warranty period is 02 days. If the supplier having been notified fails to remedy the defects within 02 days, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expenses and without prejudice to any other rights, which the purchaser may have against the supplier under the contract. (iii) The warranty period should be clearly mentioned. The maintenance charges (AMC) under different schemes after the expiry of the warranty should also be mentioned. The comprehensive warranty will commence from the date of the satisfactory installation/commissioning of the equipment against the defect of any manufacturing, workmanship and poor quality of the components. (iv) After the warranty period is over, Annual Maintenance Contract (AMC)/Comprehensive Maintenance Contract (CMC) up to next two years should be started. The AMC/CMC charges will not be included in computing the total cost of the equipment. 28. **Governing Language** The contract shall be written in English language. English language version of the Contract shall govern its interpretation. All correspondence and other documents pertaining to the Contract, which are exchanged by the parties, shall be written in the same language. 29. Applicable Law The Contract shall be interpreted in accordance with the laws of the Union of India and all disputes shall be subject to place of jurisdiction. 30. **Notices** • Any notice given by one party to the other pursuant to this contract/order shall be sent to the other party in writing or by cable, telex, FAX or e mail and confirmed in writing to the other party's address. • A notice shall be effective when delivered or on the notice's effective date, whichever is later. 31. **Taxes** Suppliers shall be entirely responsible for all taxes, duties, license fees, octroi, road permits, etc., incurred until delivery of the contracted Goods to the Purchaser. However, GST etc, in respect of the transaction between the Purchaser and the Supplier shall be payable extra, if so stipulated in the order. For research purpose(s) **ONLY**, 5% GST will be applicable with concessional GST Certificate. 32. **Duties** IIT Delhi is exempted from paying custom duty under notification No.51/96 (partially or full) and necessary "Custom Duty Exemption Certificate" can be issued after providing following information and Custom Duty Exemption Certificate will be issued to the shipment in the name of the Institute, (no certificate will be issued to third party): The procured product should be used for teaching, scientific and research work only. a) Shipping details i.e. Master Airway Bill No. and House Airway No. (if exists) b) Forwarder details i.e. Name, Contact No., etc. IIT Delhi is partially exempted from paying GST and necessary GST Exemption Certificate will be provided for which following information are required. b) Quotation with details of Basic Price, Rate, Tax & Amount on which ED is applicable c) Supply Order Copy d) Proforma-Invoice Copy. Agency Commission: Agency commission if any will be paid to the Indian agent in Rupees on 33. receipt of the equipment and after satisfactory installation. Agency Commission will not be paid in foreign currency under any circumstances. The details should be explicitly shown in Tender even

	in case of Nil commission. The tenderer should indicate the percentage of agency commission to be paid to the Indian agent.				
34.	Payment:				
	(i) For imported items Payment will be made through irrevocable Letter of Credit (LC) Cash Against Documents (CAD)/Against delivery/after satisfactory installation by T.T. Letter of Credit (LC) will be established in favour of foreign Supplier after the submission of performance security. The letter of credit (LC) will be established on the exchange rates as applicable on the date of establishment. For Imports, LC will be opened for 100% FOB/CIF value. 80% of the LC amount shall be released on presentation of complete and clear shipping documents and 20% of the LC amount shall be released after the installation and demonstration of the equipment at the INST site of installation in faultless working condition for period of 60 days from the date of the satisfactory installation and subject to the production of unconditional performance bank guarantee as specified in Clause 8 of tender terms and conditions.				
	(ii) For Indigenous supplies, 100% payment shall be made by the Purchaser against delivery, inspection, successful installation, commissioning and acceptance of the equipment at IITD in good condition and to the entire satisfaction of the Purchaser and on production of unconditional performance bank guarantee as specified in Clause 9 of tender terms and conditions.				
	(iii) Indian Agency commission (IAC), if any shall be paid after satisfactory installation & commissioning of the goods at the destination at the exchange rate prevailing on the date of negotiation of LC documents, subject to DGS&D registration for restricted items.(iv) All the bank charges within India will be borne by the Institute and outside India will be borne by the Supplier.				
35.	User list: Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided. (Ref. Annexure-III)				
36.	 Manuals and Drawings (i) Before the goods and equipment are taken over by the Purchaser, the Supplier shall supply operation and maintenance manuals. These shall be in such details as will enable the Purchaser to operate, maintain, adjust and repair all parts of the works as stated in the specifications. (ii) The Manuals shall be in the ruling language (English) in such form and numbers as stated in the contract. (iii) Unless and otherwise agreed, the goods equipment shall not be considered to be completed for the purposes of taking over until such manuals and drawing have been supplied to the Purchaser. 				
37.	Application Specialist : The Tenderer should mention in the Techno-Commercial bid the availability and names of Application Specialist and Service Engineers in the nearest regional office. (Ref. to Annexure-III)				
38.	Site Preparation : The supplier shall inform to the Institute about the site preparation, if any, needed for the installation of equipment, immediately after the receipt of the purchase order. The supplier must provide complete details regarding space and all the other infrastructural requirements needed for the equipment, which the Institute should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter. The supplier shall visit the Institute and see the site where the equipment is to be installed and may offer his advice and render assistance to the Institute in the preparation of the site and other preinstallation requirements.				
39.	 Spare Parts The Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier: ii. Such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and iii. In the event of termination of production of the spare parts: 				

iv. Advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed requirements; and v. Following such termination, furnishing at no cost to the Purchaser, the blueprints, drawings and specifications of the spare parts, if requested. Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spares for the Goods, such as gaskets, plugs, washers, belts etc. Other spare parts and components shall be supplied as promptly as possible but in any case within six months of placement of order. **Defective Equipment:** If any of the equipment supplied by the Tenderer is found to be 40. substandard, refurbished, un-merchantable or not in accordance with the description/specification or otherwise faulty, the committee will have the right to reject the equipment or its part. The prices of such equipment shall be refunded by the Tenderer with 18% interest if such payments for such equipment have already been made. All damaged or unapproved goods shall be returned at suppliers cost and risk and the incidental expenses incurred thereon shall be recovered from the supplier. Defective part in equipment, if found before installation and/or during warranty period, shall be replaced within 45 days on receipt of the intimation from this office at the cost and risk of supplier including all other charges. In case supplier fails to replace above item as per above terms & conditions, IIT Delhi may consider "Banning" the supplier. 41. **Termination for Default** The Purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Supplier, terminate the Contract in whole or part: i. If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the order, or within any extension thereof granted by the Purchaser; or ii If the Supplier fails to perform any other obligation(s) under the Contract. iii If the Supplier, in the judgment of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. For the purpose of this Clause: "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. ii. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;" In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner, as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue the performance of the Contract to the extent not terminated. 42. **Shifting**: After 1-2 years once our new Academic Block will be ready, the supplier has to shift and reinstall the instrument free of cost (if required). **Downtime:** During the warranty period not more than 5% downtime will be permissible. For every 43. day exceeding permissible downtime, penalty of 1/365 of the 5% FOB value will be imposed. Downtime will be counted from the date and time of the filing of complaint with in the business hours. 44. **Training of Personnel:** The supplier shall be required to undertake to provide the technical training to the personnel involved in the use of the equipment at the Institute premises, immediately after completing the installation of the equipment for a minimum period of one week at the supplier's cost. 45. **Disputes and Jurisdiction**: Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within New Delhi. 46. **Compliancy certificate**: This certificate must be provided indicating conformity to the technical specifications. (Annexure-I)

As per Ministry of Finance, Deptt. of Expenditure, Public Procurement Division Order (Public Procurement No.1) issued from file No.6/18/2019-PPD dated 23rd July, 2020 regarding Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs) 2017, it is directed that any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority i.e. the Deptt. for Promotion of Industry and Internal Trade (DPIIT). The said order will not apply to bidders from those countries (even sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects (updated lists of the countries are given in the Ministry of External Affairs)

"Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participated in a procurement process.

"Bidders from a country which shares a land border with India" for the purpose of this Order means:

- i. An entity incorporated, established or registered in such a country; or
- ii. A subsidiary of an entity incorporated, established or registered in such a country; or
- ii. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- v. An entity whose beneficial owner is situated in such a country; or
- v. An Indian (or other) agent of such an entity; or
- vi. A natural person who is the citizen of such a country; or
- ii. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above

The beneficial owner for the purpose of above will be as under: -

1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person (s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercise control through other means.

Explanation-

- a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of share or capital or profit of the company;
- b. "Control" shall include the right to appoint majority of the directors or to control the management of policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
- 2. In case of a partnership firm, the beneficial owner is the natural person (s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
- 3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person (s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
- 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

An agent is a person employed to do any act for another, or to represent another in dealings with the third person.

For Works contracts, including Turnkey contracts, the successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

A certificate shall be submitted by bidders in the tender documents regarding their compliance with the said order. If the certificate submitted by a bidder whose bid is accepted is found to be false, this would be a ground for immediate termination and further legal action in accordance with law. Annexure VI (For Goods/ Services contracts)/ Annexure VII (For Works contracts, including Turnkey contracts)

COMPLIANCE SHEET

TECHNICAL SPECIFICATION:

S. No.	Machine and Fixtures	Specification	Compliance Yes/No
	Test frame		
1.	Load frame	 It should be electro dynamic fatigue tester. Servo hydraulic solution will not be acceptable. Shall be fatigue rated and capable of testing in both tensile and compressive modes. Shall be equipped with a corrosion-resistant T slot base to facilitate the attachment of fixturing. Shall be equipped with a system for locking the moving crosshead manually, without requiring the use of any tooling. Torsion drive should not influence the performance of the axial drive and also the axial drive should not influence the torsion performance. Machine should have the capability for dynamic torsion tests also. 	
2.	Overall height of the test frame	Shall be in 3000 mm or below	
3.	The overall width of the test frame	Shall be between 800 mm and 900 mm	
4.	The height of the mounting table	Shall be between 650 mm and 750 mm	
	Actuator		
5.	Dynamic capacity	+/- 10 kN or better	
6.	Static Capacity	7 kN or better	
7.	Actuator stroke	60 mm or better	
8.	Torsion dynamic capacity	+/- 100 Nm or better	
9.	Torsion static capacity	+/- 70 Nm or better	
10.	Maximum frequency	100 Hz or better	
11.	Accuracy and repeatability	+/- 2 μm or better	
12.	Piston speed	1.5 m/s or higher	
13.	Rotational speed	max 100 rpm or better	
14.	Test area width	shall be between 400 mm and 500 mm	
15.	Test area height (without tooling)	shall be between 1000 mm and 1200 mm	
	Load cell		

16.	Dynamic load cell	 10 kN with 100 Nm or better 1 kN with 10 Nm or better 			
17.	Static load cell	1. 10 N or better			
18.	Control System	 The system must feature a high-performance digital control system capable of controlling the actuator in position, encoder, load, and strain modes. 10kHz data acquisition rate and control frequency 24-bit signal resolution 2-channel safety concept 4 module slots for universal measurement amplifiers or analog I/O cards All transducers should be automatically recognized by the controller. It is preferrable to have the controller connect the DIC system to receive data. 			
	Software				
19.	Interface	 The interface should have a standard test sequence programmed and be able to guide the user through the process. Software must allow for the set and running of tests (tensile, compression, fatigue) in a quick and user-friendly manner. 			
20.	Fatigue growth studies	 Option to program multiple steps with different loading conditions and different frequencies. Option to do variable amplitude tests using user-specified transition points. 			
21.	Low-cycle fatigue test	Tests can be done in stress control, total strain control, and plastic strain control.			
	Safety				
22.	Safety device	The frame shall incorporate an auto-frame standby mode that automatically stops the frame when the transducer, interface, or computer is disconnected or shut down.			
	Fixtures for Hypodermic Syringes, Pre-filled syringes, and pre-filled bottles				

23a.	Toolings for the following tests on hypodermic syringes according to ISO 11040-4 1. C1 Flange breaking resistance 2. C2 Luer cone breaking resistance 3. E Glide force test method to evaluate syringe lubrication 4. F Needle penetration test 5. G1 Needle pull-out force 6. G2 Closure system liquid leakage test 7. G3 Luer lock adaptor collar pull-off force 8. G4 Luer lock adaptor collar torque resistance 9. G5 Luer lock rigid tip cap unscrewing torque 10. G6 Pull-off force of the tip cap or the needle shield	Vendor shall provide all necessary tooling, holders, grips, and other accessories for all Annexures in the ISO 11040-4 such as Annex C1, C2, E, F, G1, G2, G3, G4, G5, and G6 method 1 and 2	
23b.	Software for ISO 11040-4	Vendor shall provide advanced software for all the Annexures in ISO 11040-4.	
23c.	Test device for plunger actuation force in hypodermic syringes EN ISO 7886-1	 All necessary test fixture for syringes and carpules - For determination of the forces on the stopper (breakaway force, glide force). Test fixture for determination of the plunger glide force, for example to EN ISO 11040 Annex E and G2, and EN ISO 7886-1 Annex E (2017). The universal holding device 	
23d.	Test device for determining the Residual Seal Force	Vendor shall provide all necessary tooling, holder, and grips, such as 1. Specimen holder. 2. Collection tray for liquids. 3. Upper compression fixture 4. Compression dies and advanced testing software to determine the residual seal force.	
	Fixtures for Dental implant		

	1	·			
24.	Fixtures for compression Testing on dental implants according to ISO 14801.	The vendor shall provide all necessary fixtures such as 1. Implants angle adjustment based on testing axis with angle graduation. 2. Horizontal adjustment to compensate for the misalignment. 3. Gripping unit for implant embedded in a pot.			
	Fixture for Testing Suture				
25.	Fixtures for tensile testing of surgical sutures according to the standard ASTM D2256.	 Tensile grip should be pneumatic clamping. It should have a follow-up action to eliminate slippage of the specimens. It should be able to accommodate various diameters up to 3.5 mm. It should be suitable for cords, yarns, fine wires, and monofilaments. 			
	Fixtures for testing Bone staples				
26.	Fixtures for testing of bone staples as per ASTM F564	Vendor shall provide all the accessories and tooling for testing of bone staples as per ASTM F564 1. Flat vise to hold fabrics or soft tissues 2. Flat sample holder			
	Hip implant fixtures				
27a.	Fixtures for deformation testing of acetabular shells according to ISO 7206-12	Vendors shall provide all necessary tooling and accessories for deformation testing of acetabular shells based on ISO 7206-12.			
27b.	Fixtures for testing of Femoral head rotation according to ISO 7206-13	Vendors shall provide all necessary tooling and accessories for femoral head torsion test based on ISO 7206-13 including 1. Alignment unit for hip ball 2. Rotation test device			
27c.	Fixtures for testing disassembly force of acetabular shells and liner according to ASTM F1820.	Vendors shall provide all necessary tooling and accessories for testing the disassembly force of acetabular shells and liners.			
27d.	Fixtures for testing the fatigue properties of the femoral stem according to ASTM F2580.	Vendors shall provide all necessary tooling and accessories for the fatigue test of the femoral stem based on ASTM F2580.			
	General Fixtures				
-					

28a.	Compression platen	 Maximum capacity: 10 kN 150 mm to 200 mm in diameter 				
28b.	Tensile grips	Wedge side action grips of capacity 10 kN Maximum specimen thickness: 30 mm				
28c.	Mechanical T-fatigue grip	 Mechanical T- fatigue grip 10 kN set of grip inserts for flat specimen and round specimen 10 kN or better. Should be capable of working in the temperature range between -70 °C and 250 °C 				
28d.	Three-point bending grips	Maximum Capacity: 10 kN				
	Other System Requirements					
29.	Power requirement	Suitable for operation in, 240 VAC, 50 Hz				
30.	Installation and commissioning requirements	The bidder should state the space required and the condition of the floor and any other requirements for the installation of the machine and equipment. State clearly the specification of electrical requirements. The vendor should carry out the installation and commissioning of the machine and its accessories.				
31.	Tools	Should be provided with Allen wrenches, Screwdrivers, Tweezers, or other necessary tools for proper maintenance				
32.	Training and Documentation	Minimum of 2 days training, which includes basic and advanced level training. Training faculty must be adequate in the field. The vendor should supply the necessary manuals such as - • Software Instructions • Maintenance and trouble manuals • Training installation and commission • Handling of accessories • Software Key (if any)				
33.	Support after the warranty period	After the warranty the bidder must provide the necessary after-sales support for the smooth operation of the system for 10 years or more.				
34.	Installation, Commissioning, and Training	Installation and commissioning are to be done by the vendor at the IIT Delhi and on-site hands-on training for at least 2 working days covering all aspects of equipment, operation, and maintenance. The company should provide the name and address of the authorized service center in India with a certificate.				

Option	Optional items					
	Fixtures for testing stent and cathete	ers				
35a.	Tooling and fixtures for radial Compression tests for stents testing to achieve ASTM F3067-14	sion tests for stents testing to determine the residual seal force according to				
35b.	Fixtures for Glide Force Test on Catheter	Vendor shall provide all necessary tooling such as 1. Fluid bath with heating thermostat and connecting hoses. 2. Bath temperature controller. 3. Sample holder for pull-out test for catheters. 4. Adapter extension. 5. Piece screw grips 6. I/O module for analog and digital signal processing. 7. Jaw inserts (Stainless steel and rubber). 8. Connectors for glide force test on the urological catheter.				
35c.	Tooling and fixtures Stent tracking device for vertical use based on ASTM F2394 1. Dislodgement Force	Vendor shall provide all necessary tooling such as 1. Stent securement shim grip. 2. Parallel vice. 3. T slot plate. 4. Jaw inserts 5. Screw grips 6. USC module universal measurement amplifier. 7. Connector for stent tracing based on ASTM F2394.				

The bidder shall provide the cost of the main equipment and optional items separately.

We have provided a list of each of the tools (outside of this tender) that can be used with the bioprinter and their cost as optional items. The cost of these items are mentioned separately. The cost of "optional items" are NOT included in the cost of the main equipment.

I have also enclosed all relevant documents in support of my claims, (as above) in the following pages.

	Signature of Bidder
Name:	
Designation	l :

Organization Name: _	
Contact No. :	

<< Organization Letter Head >> DECLARATION SHEET

We,	hereby	certify	that	all	the	information	and	data	furnished	by	our
organization with regard to this tender	specific	ation ar	e true	and	d con	nplete to the	best	of our	knowledg	ge. I ł	nave
gone through the specification, conditio	ns and s	tipulatio	ons in	det	ails a	and agree to	comp	ly wit	h the requi	irem	ents
and intent of specification.											
This is certified that our organization ha	as been	authoriz	zed (C	Copy	atta	ched) by the	OEM	to par	rticipate in	. Ten	ıder.

This is certified that our organization has been authorized (Copy attached) by the OEM to participate in Tender. We further certified that our organization meets all the conditions of eligibility criteria laid down in this tender document. Moreover, OEM has agreed to support on regular basis with technology / product updates and extend support for the warranty.

The prices quoted in the financial bids are subsidized due to academic discount given to IIT Delhi.

We, further specifically certify that our	NAME & ADDRESS OF
organization has not been Black Listed/De	THE Vendor/ Manufacturer / Agent
Listed or put to any Holiday by any	, , ,
Institutional Agency/ Govt. Department/	
Public Sector Undertaking in the last three	
years.	
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 GST Number	
o do i italiibei	
7 PAN Number	
(In case of on-line payment of Tender Fees)	
8 UTR No. (For Tender Fee)	
(In case of on-line payment of EMD)	
(in ease of oil-fine payment of LMD)	
9 UTR No. (For EMD)	
10 Kindly provide bank details of the bidder	
in the following format:	
a) Name of the Bank	
a) Name of the bank	
b) Account Number	
c) Kindly attach scanned copy of one Cheque	
book page to enable us to return the EMD to	
unsuccessful bidder	

(Signature of the Tenderer)

Name:

Seal of the Company

(ANNEXURE-III)

List of Govt. Organization/Deptt.

PREVIOUS SUPPLY ORDER DETAILS

(ANNEXURE - IV)

Order placed by (Full address of Purchaser)	Order No. and Date	Description and quantity of order equipment	Value of order	Date of Completion of delivery as per contract	Has the equipment been installed satisfactorily (Attach a Certificate from the Purchaser/ Consignee)	Contact person along with Telephone No., Fax No. and email address)
					0 7	

Signature and Seal of the Manufacturer/Bidder		
		
Place:		
Date:		

ORIGINAL EQUIPMENT MANUFACTURER (OEM) Manufacturing authorisation form (MAF) (On Letter Head of Manufacturer)

Tender No. :	Date:
To The Director, Indian Institute of Technology Delhi, New Delhi- 110016	
Dear Sir,	
	() do Agent) to submit a bid, negotiate and receive the order format
M/s is authorized	d to bid and conclude the contract in regard to this business.
We hereby extend our full guarantee and conditions NIQ for the goods and services o	warranty as per clause of the terms and ffered by the above firm.
Yours Faithfully,	
(Name)	
(Name & Seal of Manufactures)	
Note: -	

- 1. **Items of indigenous nature or quoted in INR**, more than 1 authorized representative may participate in the same tender and submit their bids on behalf of their OEM/Principal/Manufacturer if the OEM permits more than one authorized bidder in such case as per their policy.
- 2. In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/dealer
- 3. The letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. The same should be included by the bidder in its techno-commercial unpriced bid.

	(For Goods/ Services Contracts)
No	Dated:
	<u>CERTIFICATE</u>
I have read the clause regard	ling restrictions on procurement from a bidder of a country which
shares a land border with India and h	nereby certify that this bidder is not from such a country.
	OR (whichever is applicable)
I have read the clause regard	ling restrictions on procurement from a bidder of a country which
shares a land border with India and	hereby certify that this bidder is from(Name of Country)
	Competent Authority. I also certify that this bidder fulfills all the
requirements in this regard and is eli	gible to be considered.
(Copy/ evidence of valid regist	tration by the Competent Authority is to be attached)
	Signature of Bidder/ Agent
	Name:
	Designation:
	Organization Name:
	Contact No.

<On Organization Letter Head>

(ANNEXURE-VII)

(For Works Contracts, including Turnkey contracts)

No	Dated:
	<u>CERTIFICATE</u>
shares a land border wit certify that this bidder is	lause regarding restrictions on procurement from a bidder of a country which the India and on sub-contracting to contractors from such countries and hereby not from such a country and will not sub-contract any work to a contractor from the contractor is registered with the Competent Authority.
	OR (whichever is applicable)
shares a land border with certify that this bidder is Authority and will not sure is registered with the Cothis regard and is eligible.	lause regarding restrictions on procurement from a bidder of a country which the India and on sub-contracting to contractors from such countries and hereby from(Name of Country) and has been registered with the Competent b-contract any work to a contractor from such countries unless such contractor impetent Authority. I also certify that this bidder fulfills all the requirements in the to be considered. If valid registration by the Competent Authority is to be attached)
	Signature of Bidder/ Agent Name: Designation: Organization Name:
	Contact No. :

BID SECURITY UNDERTAKING

(To be issued by the bidder on company's letterhead in lieu of EMD)

To,	
I.I.T. D	egistrar, elhi, Hauz Khas, - 110016.
We, M,	/s(Name of the Firm), with ref. to Tender No
dated_	hereby undertake that:
1.	We accept all terms and conditions of the tender document.
2.	We accept that, we will not modify our bid during the bid validity period and will honour the contract after
	the award of contract.
3.	In the event of any modification to our bid by us or failure on our part to honour the contract after final award, our firm may be debarred from participation in any tender/ contract notified by IIT Delhi for a period of one year.
Yours	faithfully,
(signat	ture)
Name:	
Date:	
Office S	Seal:

BID SUBMISSION

Online Bid Submission:

The Online bids (complete in all respect) must be uploaded online in ${\bf two}$ Envelops as explained below: -

	(Follo	Envelope - 1 owing documents to be provided as single PDF file)	
Sl. No.	Document	Content	File Types
1.		Compliance Sheet (Annexure - I)	.PDF
2.		Organization Declaration (Annexure - II)	.PDF
3.		List of organizations/ clients where the same products have been supplied (in last two years) along with their contact number(s). (Annexure-III)	.PDF
4.		Technical supporting documents in support of all claims made at Annexure-I	.PDF
5.	Technical Bid	Previous Supply Order (Annexure - IV)	.PDF
6.		Original Equipment Manufacturing Manufacturing Authorization Form (MAF) (Annexure - V)	.PDF
7.		(For Goods/ Services Contracts) Certificate - Bidder Not from/ from Country sharing Land border with India & Registration of Bidder with Competent Authority (Annexure-VI)	.PDF
8.		(For Works Contracts, including Turnkey Contracts) Certificate – Bidder Not from/ from Country sharing Land border with India, Registration of Bidder with Competent Authority & not subcontract any work to a contractor from such countries unless such contractor is registered with the Competent Authority (Annexure-VII)	.PDF
9.		Bid Security Undertaking in lieu of EMD (Annexure-VIII)	.PDF
		Envelope – 2	
Sl. No.	Document	Content	
1.	Financial Bid	Price bid should be submitted in given BOQ_XXXX.xls format. (Note: -Comparison of prices will be done ONLY on the bids submitted for the Main Equipment and anything asked as 'Optional' in the specs is not to be included for overall comparison.) Bids for optional items are to be submitted in 'sheet2_Quote for optional items'	.XLS