



IITJ Technology Innovation & Start-up Center (TISC)

TENDER DOCUMENT

TENDER FOR SUPPLY & INSTALLATION OF

3-D BioPrinter

UNDER TWO BID SYSTEM

IITJ Technology Innovation & Start-up Center (TISC)

Regd. Office: C/O INDIAN INSTITUTE OF TECHNOLOGY JODHPUR, NH-62, Nagaur Road,
Karwar, Jodhpur-342030, Rajasthan
Phone: +91-291-280 2226, email: tenders@tisc.iitj.ac.in

Dated: 04.06.2022

Notice Inviting Tender No.: IITJ/TISC/2022-2023/13

Sealed tender invited on behalf of the IITJ Technology Innovation & Start-up Center (TISC) from the Original Equipment Manufacturer or their authorized dealers for the **Supply & Installation of 3-D BioPrinter** in two-bid format, as per the specifications in **Annexure-I** in two bid system.

Schedule	
Date of Issue/Publishing	June 04, 2022
Last Date and Time for submission of Bids	June 20, 2022, 03:00 PM
Last Date and Time for submission of Pre-Bid queries as per ' Annexure-XI '	June 08, 2022 03:00 PM
Date and Time of Opening of Technical Bids	June 20, 2022, 04:00 PM
No. of Covers	01
EMD	Rs. 90,000/-
Cover heading	The cover containing the quotation should be subscribed as Bid for Supply & Installation of 3-D BioPrinter
Bid Validity days	90 days
Address for Communication	IITJ-TISC NH-62, Nagaur Road, Karwar, Jodhpur-342030, Rajasthan

1. EMD:

- (i) EMD to be submitted in shape of DD from any commercial bank drawn in favor of IITJ Technology Innovation and Start-up Center (TISC) as mentioned against the equipment together with the technical bid, in the absence of which the price bid, if any, will not be opened under any circumstances.
- (ii) The firm(s) who are registered with the National Small Industries Corporation (NSIC) / or Small Scale Industries (SSI) for the subjected goods are exempted from furnishing the EMD. Self-attested photocopy of the valid registration certificate must be enclosed with the technical bid.

- (iii) The demand drafts for earnest money deposit must be enclosed in the envelope containing the technical bid. Any technical bid is found without the demand drafts of earnest money deposit will be rejected. The Institute will not be liable to pay any interest on such an amount. The earnest money deposit shall be forfeited, if the tenderer withdraws its bid during the period of tender validity.
- (iv) The earnest money deposit of the tenderer, whose tender has been accepted, will be returned on the submission of the Performance Security. Earnest money deposit of the successful tenderer shall be forfeited, if it refuses or neglects to execute the order or fails to furnish the required performance security within 70 days of issue of Purchase Order.
- (v) The EMD shall be refunded to the unsuccessful bidders after finalization of the quotation. In case of successful bidder, it will be paid against performance bank guarantee.

2. Two Bid System:

- (i) Technical bid consisting of all technical details along with commercial terms and conditions and EMD; and
- (ii) Financial bid indicating item-wise price for the items mentioned in the technical bid.
- (iii) Technical bid and financial bid should be sealed in separate covers duly superscribed and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscribed as "**Technical Bid for the supply and installation of 3-D BioPrinter**" due on **20th June 2022, 03:00 PM**. Technical bids shall be opened at the first instance and evaluated by technical committee. At the second stage financial bids of the only technically qualified bidders shall be opened for financial evaluation and ranking before awarding the contract. Mixing price bid with technical bid will disqualify your bid for further evaluation.

3. Submission of tender:

Offers addressed to the 'CEO, IITJ TISC' and valid for 90 days (From last date of opening of tender) should reach the **Office of IITJ Technology Innovation & Start-up Center, NH-65, Nagaur Road** on or before the last date and time. Tenders received late shall not be considered.

4. Bidding:

- (i) Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid.
- (ii) If an agent submits bid on behalf of a 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.
- (iii) All offers other than those from the Principal/OEM should be supported by an authority letter from the manufacturer authorizing the supplier to tender on their behalf. In case of manufacturer a certificate or a copy thereof to the effect that the bidder is a manufacturer

of the equipment must be accompanied with the technical bid prepared as per '**Annexure-II**'.

5. Opening of Bids:

Technical bids will be opened as per the schedule in the presence of bidders or their authorized representatives whosoever may wish to attend. In case the due date of receipt/opening of the quotation/s (technical/price) is declared a holiday in IITJ TISC, then, the due date of receipt/opening of the quotations shall be the next working day at the same time.

6. Rejection of Bids:

Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected. Non-compliance of applicable General Information as well as compliance of Technical Specification in *Annexure-I* and Compliance Sheet in *Annexure-VII* will disqualify your Bid.

7. Bids of debarred/blacklisted firms will not be considered for evaluation. The firms must submit the declaration in format in **Annexure-V**.

8. Price Bid:

Price bid should be prepared as per 'Annexure-VIII'.

I. For goods offered from within India:

- a. The price of the goods should be quoted for destination basis, charges towards freight, installation etc. may be mentioned inclusive of GST as applicable after referring the attached GST Notification.
- b. Any sales or other taxes/duties should be clearly mentioned, which will be payable on the goods in India if the contract is awarded.
- c. Charges for inland transportation, insurance and other local costs incidental to delivery of goods to their final destination should be mentioned.
- d. Any element of cost, taxes, duties levies etc. not specifically indicated, shall not be paid by the purchaser. If GST amount is not quoted in the Financial Bid, the total cost will be treated as inclusive of GST. No further communication will be entertained later.

II. In the event of seeking any clarification from various BIDDERS by IITJ TISC, the BIDDERS are required to furnish only technical clarifications that are asked for. No amendment to commercial bid will be entertained at that stage. In case if a BIDDER fails to quote for a particular item it amounts to non-compliance and hence such bid will not be considered or further evaluation. Further during this process if any BIDDER indicates the price during the clarification such bids also will not be considered for further evaluation.

III. IITJ TISC will not provide Custom Duty exemption certificate.

IV. IITJ TISC will not provide GST concession certificate.

9. Rates Comparison:

Bidders are requested to send their rates (inclusive of transportation, loading, unloading, GST, delivery and installation etc., nothing extra will be paid) on FOR, IITJ Technology Innovation & Start-up Center (TISC), Karwad, NH 62, Nagaur Road basis in case of indigenous items and on FOB/FCA basis in case of imported items with separately mentioning CIF/CIP charges. Rates comparison will be made on Net Price (Including Freight/Insurance/Installation/Taxes/Duties etc.) if offers are received both for indigenous and import items. If offers are received only for import items then comparison will be made on FOB/FCA basis. Rates of available foreign currency will be taken from RBI website as on the opening of the technical bids for the purpose of conversion in Indian rupees.

AMC/CMC charges will not be included for the evaluation of the commercial bids.

10. Spares:

The spare parts/wear & tear consumables, if any, required for trouble free operation of equipment to be quoted separately giving the full nomenclature, rate, quantity and shelf life of each item.

11. Indigenous items:

The items, which can/are to be provided indigenously may be listed separately.

12. Parts of equipment:

Where the equipment is composed of several subunits/components, the rate should be quoted for each subunit/component. IITJ TISC reserves the right to increase or decrease the number of subunits/ components and number of equipment according to its requirements. The rates in ambiguous terms will render the quotation liable to rejection. The words "Not quoting" should be clearly written against any item of equipment for which the tenderer is not quoting.

13. Performance security:

After the award of work, the supplier shall be required to submit the performance security in the form of irrevocable bank guarantee in the prescribed format (**Annexure-X**) issued by any Nationalized/ Scheduled Bank / or Fixed Deposit Receipt, for an amount equal to the 3% of order value, within 60 days of issue of Purchase Order and **it will be kept valid for a period of 60 days beyond the date of completion of warranty period. Warranty Period will be commenced from the date of the installation of the supplied item. Hence, be careful at the time of calculation of the validity date of Performance Bank Guarantee (for order value above Rs. 10.0 Lakhs).**

14. Performance Benchmarks:

The PFC needs to be provided with an evaluation system to carryout performance

benchmarks.

15. Payment terms:

Payment will be made to the supplier through following modes.

- i. **Indigenous goods:** NEFT/Cheque/Demand Draft: 100% payment will be made within 30 days from the date of receipt of material at IITJ Technology Innovation and Start-up Center (TISC) and after successful installation of the equipment and on the submission of performance bank guarantee (for order value above Rs. 10.0 Lakhs) valid for warranty period + 2 months.

16. Delivery & Installation:

- (i) All the goods ordered shall be delivered and installed at IITJ Technology Innovation and Start-up Center (TISC), Karwad (NH-62), Nagaur Road, Jodhpur, within 8 weeks from the date of issue of the purchase order/ date of opening of Letter of Credit. All the aspects of safe delivery and commissioning shall be the exclusive responsibility of the supplier. If the supplier fails to deliver and commissioning of the goods on or before the stipulated date, then a penalty at the rate of 0.5% per day of the total order value shall be levied subject to maximum of 5% of the total order value. The delivery must be completed within this specified period. The Purchase Order/Supply Order/ Import Order is liable to be cancelled, if no extension for delivery period is sought before the expiry of delivery period or suitable penalty will be impounded. Delivery should be done after intimation by the Institute.
- (ii) **Satisfactory Installation:** Satisfactory installation / commissioning and handing over of the equipment mean the faultless functioning of the equipment for a minimum period of 30 days after satisfactory installation.
- (iii) **Extension of Delivery & Installation Period:** If the supplier would be unable to complete the project / order within the stipulated time, for which the supplier is responsible, it is required to request for the extension of the delivery period, it may be extended with the imposing of the liquidated damages.
In case the supplier would fail to complete the order within the stipulated time, Institute reserves the right to cancel the contract / order and performance security / EMD may be forfeited.

17. Training of Personnel:

The supplier shall provide the technical training to the personnel involved in the use of the equipment at IITJ TISC premises, immediately after completing the installation of the equipment at the company cost.

18. Site Preparation:

The supplier shall inform to IITJ TISC 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 IITJ TISC should arrange before the arrival of the equipment to ensure its timely installation and smooth operation thereafter.

The supplier shall visit IITJ TISC and see the site whether 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 pre-installation requirements.

19. Merger / Acquisition of Foreign Principal:

In case of merger of Foreign Principal with another Firm or acquisition of Foreign Principal by another firm, it shall be obligatory for the New Entity so formed after the merger of the Acquiring Firm, as the case may be, to take over all the duties and obligations / liabilities of the Foreign Principal and the New Entity / Acquiring Firm would *ipso facto* become liable for all acts of commission or omission on the part of original Foreign Principal as well as Indian Agent.

20. Change of Indian Agent:

In case the Foreign Principal changes in Indian Agent then it shall be obligatory for Foreign Principal to automatically transfers all the duties and obligations to the New Indian Agent, failing which the Foreign Principal would *ipso facto* become liable for all acts of commission or omission on the part of New Indian Agent.

21. Service Manual/Circuit Diagram

It is specifically required that the bidders will supply all the operating & service manuals and circuit diagrams along with the equipment.

22. Guarantee / Warranty:

- (i) Three years' warranty has to be provided by the firm from the date of the satisfactory installation/ commissioning of equipment against the defect of any manufacturing, workmanship and poor quality of components. In case, there is any variation in the warranty as per the specification of the item equipment, the warranty as specified in the specifications shall be final.
- (ii) In case, supplier fails to repair / or rectify the equipment during the warranty / guarantee period, IITJ TISC may employ or pay other person/company for repairing the equipment, and all such damages, loss and expenses shall be recovered from the supplier. Annual Maintenance Contract charges for 3 years after the expiry of warranty period should be quoted.

23. Country of origin:

Country of origin of the quoted item should be mentioned in the offer in case of imported item.

24. Service Facility:

Bidder should mention about the service set up in India and how capable they are to provide after sales services.

25. Banker's details:

Name and address of the banker of your company should be mentioned.

26. Reference of supply:

Name and contact details of the premier educational Institutes where the quoted equipment has been installed in India should be enclosed. IITJ Technology Innovation & Start-up Center (TISC) reserves the right to inspect the equipment for its actual performance in any of the listed Institute.

27. Undertaking from the Bidders:

An undertaking will be submitted by the Bidder/firm/company/vendor that in the past they have never been banned/debarred for doing business dealings with Ministry of Defense/Govt. of India/ any other Govt. organization and that there is no enquiry going on by CBI/ED/any other Govt. agency against them.

28. Acceptance of Terms & Conditions:

Bidders must confirm the acceptance of all the terms and conditions of this NIQ. Any non-acceptance or deviations from the terms and conditions must be clearly mentioned. However, tenderers must note carefully that any conditional offer or any deviation from the terms and conditions of this NIQ may render the quotation liable for rejection. IITJ TISC does not bind itself to accept the lowest of any tender and reserves the right to reject any or all tenders without assigning any reason.

Note: IITJTISC reserves the right to accept/reject any or all tenders without assigning any reasons thereof and also to reject.

29. Arbitration and Laws:

In case of any dispute or difference arising out of or in connection with the tender conditions / order and Contract, the Institute and the Supplier will address the dispute / difference for a mutual resolution and failing which, the matter shall be referred for arbitration to a sole Arbitrator to be appointed by the Institute. The Arbitration shall be held in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and the venue of arbitration shall be at Jodhpur only. The resolution of the Arbitrator shall be final and binding on both the parties.

30. Jurisdiction:

The courts at Jodhpur alone will have the jurisdiction to try any matter, dispute or reference

between parties arising out of this tender / contract. It is specifically agreed that no court outside and other than Jodhpur court shall have jurisdiction in the matter.

31. INVITATION FOR TENDER OFFERS (Supply & Installation of 3-D BioPrinter)

The BIDDERS are requested to give detailed tender in two Bids i.e.

- i. Part -I: Technical Bid**
- ii. Part-II: Financial Bid**

31.1 Pre-Qualification and Technical Specification Qualification Criteria

The envelope clearly marked as "**Technical Bid-Envelope No.1**" shall contain all the documents for Pre-Qualification and Technical Specification Qualification:

Envelope No.1			
S N	Documents	Content	Submitted (Yes/No)
1	Technical Bid (Pre- qualification)	Only manufacturer(s) or their sole authorized distributor/ agent are eligible to bid. Authorization letter in the prescribed format from Original Equipment Manufacturer (OEM) in favor of authorized Agent to bid/conclude the order against this tender, must be provided with technical bid. Manufacturer's Authorization Letter as per Annexure-II.	
2		Declaration Sheet as per Annexure - III	
3		<i>Certificate of Guarantee/Warranty (on letter head) as per Annexure-IV</i>	
4		Bid Security Declaration as per Annexure-IX-N.A	
5		The OEM/ authorized distributor / agent should have a minimum 03 (three) years of experience for supply & successful installation of goods of similar specifications and must be successfully completed at least 3 similar purchase orders in IITs/IIITs/NITs/IISER/CSIR/IISC, etc. during last 3 years. Copy of these Purchase orders must be attached with technical bid. List of Govt. Organization/ Deptt. must also be attached as per Annexure-V.	
6		Mandate Form for Electronic Fund Transfer/ RTGS Transfer as per Annexure-VI	
7		Compliance Sheet as per Annexure-VII	
8		<i>Technical literature/ leaflets and complete specifications of quoted model(s) along with commercial terms and conditions.</i>	
9		<i>Financial statements with net profit, duly audited / certified by Chartered Accountant (CA) of the last three financial years along with the copies of Income Tax Return (ITR) must be enclosed with the technical bid.</i>	
10		Technical Bid (Technical Specification Qualification)	Technical Compliancy certificate: This certificate must be provided indicating conformity to the technical specifications(Technical Compliance Sheet as per Annexure-I)
Envelope No.2			
S N	Document	Content	
1	Financial Bid	Price bid should be submitted as per Annexure-VIII	

Bid documents should be submitted as per the above sequence with Index page and page numbers (including technical literature). Each page of the bid should be signed & stamped in original. Unsigned bids will not be considered for evaluation. Each point of Envelope-I must be enclosed with the technical bid failing which the bid will not be evaluated. The tender of any tenderer, who has not complied with one or more of the conditions of pre-qualification criteria and technical qualification criteria and / or fail to submit the required documents in prescribed format as mentioned / or required / or conditional tender are liable to be summarily rejected. The technical evaluation is to be done on the basis of the documents of Envelope No.1 mentioned in the above table.

31.2 Envelope2: “Commercial Bid” shall contain:

Cost of all the items should be mentioned clearly and individually in the Commercial Offer (Part- II) only.

The prices should be shown against each item for the purpose of Insurance claims/replacements if any.

List of deliverables/Bill of materials and services.

Note:

No request for extension of due date will be considered under any circumstances.

Joint Ventures (JV) are not allowed and no sub-contracting is also allowed with regard to supply, installation, commissioning, and warranty maintenance and after sales service. This is the sole responsibility of the principals'/their authorized agents.

IITJ TISC may issue corrigendum to tender documents before due date of Submission of bid. The bidder is required to read the tender documents in conjunction with the corrigendum, if any, Issued by IITJ TISC. The bidder is not supposed to incorporate the amendment in the body of the tender document

31.3 EVALUATION CRITERIA

Evaluation of Technical bid will be based on the strictly compliance of the documents mentioned in **EnvelopeNo.1.**

31.3.1 Even though any bidder may satisfy the above requirements, he/she would be liable to disqualification if he/she has:

Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.

Record of poor performance such as abandoning work, not properly completing the contract, or financial failures/weaknesses etc.

31.3.2 BID EVALUATION:

Based on results of the technical evaluation IITJ TISC will evaluate the Commercial Bid of those Bidders who qualify in the technical evaluation.

a) IITJ TISC shall correct arithmetical errors on the following basis:

- (i) If there is a discrepancy between the unit price and the line item total that is obtained by multiplying the unit price by the quantity, the unit price shall prevail and

the line item total shall be corrected, unless in the opinion of the Purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the line item total as quoted shall govern and the unit price shall be corrected.

- (ii) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
 - (iii) If there is a discrepancy between words & figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.
- b) The Vague terms like “packing, forwarding, transportation..... etc. extra” without mentioning the specific amount/percentage of these charges will not be accepted. **Such offers shall be treated as incomplete and rejected.**
- c) After arriving at final pricing of individual offers of all the short-listed firms, the lowest responsive bidder will be awarded with Contract/Purchase Order.

31.3 AWARD OF CONTRACT

Award Criteria

IITJ TISC shall award the contract to the technically qualified eligible BIDDER whose bid has been determined as the lowest evaluated financial bid.

If more than one BIDDER happens to quote the same lowest price and sample of both bidders are technically approved, IITJ TISC reserves the right to award the contract to more than one BIDDER or any BIDDER.

31.4 The IITJ TISC reserves the right to accept the offer in full or in parts or reject summarily or partly.

32. PURCHASER’S RIGHT TO VARY QUANTITIES AT THE TIME OF AWARD

- (i) IITJ TISC reserves the right at the time of award of Contract to increase or decrease the quantity of items specified in the Schedule of Requirements without any change in price or other terms and conditions.
- (ii) Firms which have already supplied similar items to IITJ TISC and have not completed required installation/after sales service/ warranty replacements etc. such firms offer will not be considered for further evaluation and no enquiries thereafter will be entertained.

33. CORRUPT OR FRAUDULENT PRACTICES

IITJ TISC requires that the BIDDERS who wish to bid for this project have highest standards of ethics.

- (i) IITJ TISC will reject a bid if it determines that the BIDDER recommended for award has engaged in corrupt or fraudulent practices while competing for this contract.

- (ii) IITJ TISC may declare a vendor ineligible, either indefinitely or for a stated duration, to be awarded a contract if it at any time determines that the vendor has engaged in corrupt and fraudulent practices during the execution of contract.
34. In case of poor workmanship or if the work / supply is not done in time and in view of exigency of the work/supply, if it is considered necessary to carry out the work / supply by some other means or to assign the work/supply to some other parties due to the failure on the part of the Supplier, 10 days' time will be given to the Supplier to correct or complete the work / supply failing which the work / supply can be got done by other means at the cost & risks of the seller by allotting a tender at the risk and cost of the defaulting tenderer. The difference in the cost shall be recovered from the original tenderer cost.
35. **INSPECTION OF ITEMS:** During the time of manufacturing, IITJ TISC inspection team may visit the manufacturer's site to inspect the quality of material viz a viz final product. If any inspected or tested goods fail to conform to the prescribed specifications, the IITJ TISC may reject them and the supplier shall either replace the goods or make all alterations necessary to meet specifications free of cost.
36. **INTERPRETATION OF THE CLAUSES IN THE TENDER DOCUMENT / CONTRACT DOCUMENT:**In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, **Chairman, IITJ TISC interpretation of the clauses shall be final and binding on all parties.**

TECHNICAL COMPLIANCE SHEET

S.No.	Technical Specifications 3-D BioPrinter	Technical Compliance (Yes/No)
1	<p>3D BioPrinter Qty (01):</p> <p>3D BioPrinter with following minimum specifications</p> <ul style="list-style-type: none"> - There should be a provision to use different combination of print heads. - Each printhead should be of plug and play type. - Precision should be at least 1-micron on x, y, and z axes and should allow to print high resolution structures. - Should have a minimum number of 3 print heads (same or different kinds) to print multi-cell tissues easily and quickly with multi-bioinks. - Each print head must have individual temperature control and must be able to cool to 4°C and heat to temperatures >150°C. - The extruders should be able to use disposable and commercial syringes of at least 5mL in volume, making it easy to load custom bioinks. - Should be able to print wide range of bioinks including silk fibroin, collagen solutions, gelatin methacrylate, alginate, poloxamer, hyaluronic acid, polycaprolactone (PCL), novel synthesized polymers, new polymer blends and composites developed in-house. - Should be provided with compressed air pneumatic system or equivalent to drive deposition for unparalleled control. Pressure ranges should be between 0 and 100 psi to accommodate a wide range of viscous materials and it must be easily possible to select a desired pressure value in this range. - Minimum built volume should be 80 x 120 x 50 mm - Should have inbuilt photocuring with wavelength of UV Light (365 nm) and Blue Light (405 nm). The machine should offer the flexibility of photocuring after printing each layer or photocuring of the entire part after complete printing is done. - Print-bed temperature should be controlled from at least 25°C to 60°C, allowing to maintain cells at 37°C and experiment with new bioinks. - It should be possible to 3D print into Petri Dish, 6, 12, 24, 48, 96 & 384 well Microplates, and Slides bought from various commercial suppliers. All these options should be able to be selected via a 	

	<p>drop-down menu either in the computer software or by a touch screen on the machine.</p> <ul style="list-style-type: none"> - Accepted Print Files should be STL, G-Code. It would be desirable to have acceptability towards other print file types such as *.obj as well. It must be possible to download the G-code file used for a particular print. - Should be able to be placed inside a laminar flow hood/biosafety cabinet. - An appropriate air-flow chamber equipped with germicidal light should be provided to house the instrument inside the chamber under aseptic conditions. Airflow type: - Horizontal Airflow from the front. <ul style="list-style-type: none"> o Prefilter is made from Non-Woven Synthetic with HDPE mesh and Al expanded mesh on air leaving side; conforms to EU – 4 / G-4 Grade, with the efficiency of down to 10 microns. o HEPA Filter should be water-resistant, fire retardant, and conforms to EU – 14 Grade, with an efficiency rating better than 99.999% for 0.3 μ. o Plug & play system designed to meet the requirements of US Federal Standard 209 B (BS 5295) providing particle-free air to meet class 100 conditions. International Standards - UK Complied Certifications – ISO 9001:2015, CE. GMP o Electricals fittings & Fixtures: - <ul style="list-style-type: none"> ▪ Microprocessor-based PID Controller – UV ON-OFF, UV-Timer, ▪ Blower 3 speed control – High, Low, Medium, and Display of UV Age. ▪ Fluorescent light – 20 watt, >800 lux, with chokes for lighting ▪ UV Light – 15 watt, Philips make ▪ Power supply -220-230 V, 50-60 Hz, 5/15 amps power cord. - Should have an autocalibration feature - 3 years warranty on all parts. - Connectivity should be via Wi-Fi, Ethernet or pen drive. - Should be compatible with Windows, MAC and Linux Operating Systems - Power requirements: 24V DC@ 6-8 amps; AC input 100-240V, ~2 Amps, 50-60Hz; Operating voltage of 230V, 60Hz. - Should be provided with operating and service manual - Syringe tips required. <ul style="list-style-type: none"> o Metal tips for metal syringes of at least two different sizes (10 each) o Plastic tips boxes of at least three different sizes (50 each) 	
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	<ul style="list-style-type: none"> ○ Some size examples are 23-gauge, 27 gauge and 32 gauge. Equivalent acceptable. - The printer should be capable of printing 2-3 different polymer co-axially. Arrangement should be provided for this purpose if needed. - 3-D BioPrinter compatible data acquisition, data visualization and data storage system should be provided. The system should have Windows 10/11, Intel (R) Core™ i5/i7 processor, ≥500GB HDD, ≥8GB RAM, ≥26" LCD monitor or more, and other necessary features to ensure smooth operation of the system. - Software support for 02 years for at least 05 user licenses. - Training support (minimum 04 sessions offline for 2-3 days during 01st year and 04 online sessions yearly during warranty period along with regular technical support). - Software support for converting CT scan & MRI data to printable files. - Stabilizer suitable and protect the instrument from power fluctuations. 	
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The details of the model quoted along with the technical specifications for which quoted must be submitted.

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

Signature of Bidder

Name: _____

Designation: _____

Organization Name: _____

Contact No.: _____

FORMAT FOR MANUFACTURER’S AUTHORISATION LETTER TO AGENT (on letter head)

Ref. No.

Date:

To,
CEO,
IITJ TISC
NH-62, Nagaur Road, Karwar, Jodhpur-342030.

Sub.: Authorization Letter.

Dear Sir,

We, _____, who are established and reputed manufacturers of _____, having factory at _____, hereby authorize M/s. _____ (name & address of Indian distributor /agent) to bid and conclude the order with you for the above goods manufactured by us.

We shall remain responsible for the tender / contract / agreement by the said M/s. _____, jointly and severally.

We ensure that we would also support / facilitate the M/s _____ on regular basis with technology / product updates for up-gradation / maintains / repairing / servicing of the supplied goods manufactured by us, during the warranty period.

In case duties of the Indian agent / distributor are changed or agent / distributor is changed it shall be obligatory on us to automatically transfer all the duties and obligations to the new Indian Agent failing which we will ipso-facto become liable for all acts of commission or omission on the part of new Indian Agent / distributor.

Yours faithfully, [Name & Signature]
for and on behalf of M/s. _____ [Name of manufacturer]

Note: This letter of authorization should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

Only manufacturer(s) or their sole authorized distributor / agent are eligible to bid. Authorization letter in the prescribed format (**Annexure – II**) from Original Equipment Manufacturer (OEM) in favor of authorized Agent to bid / conclude the order against this tender, must be enclosed with technical bid.

DECLARATION SHEET

We, _____ hereby certify that all the information and data furnished by our organization with regard to this tender specification are true and complete to the best of our knowledge. I have gone through the specification, conditions and stipulations in details and agree to comply with the requirements and intent of specification.

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 IITJ TISC.

We, further specifically certify that our organization has not been Debarred/BlackListed/De Listed or put to any Holiday by any Institutional Agency/ Govt. Department/ Public Sector Undertaking in the last three years and that there is no enquiry going on by CBI/ED/any other Govt. agency against the firm.	NAME & ADDRESS OF THE Vendor/ Manufacturer / Agent
1 Phone	
2 Fax	
3 E-mail	
4 Contact Person Name	
5 Mobile Number	
6 GST Number	
7 Kindly provide bank details of the bidder in the following format: a) Name of the Bank	
b) Account Number	

(Signature of the Tenderer)

Name:

Seal of the Company

Certificate of Guarantee/Warranty (on letter head)

I / We certify that the guarantee / warranty shall be given for a period of 3 (Three) Years from the date of the satisfactory installation, commissioning and handing over of the equipment and the work completed under the contract. During the guarantee / warranty period, I / we shall provide the “after sale service” and the replacement of defective / or any part(s) of the equipment or rectification of defects of work of the equipment will be free of cost. The replacement of the parts shall be arranged by us, at our own cost and responsibility. We undertake that the above guarantee / warranty shall begin only from the date of successful installation. The benefit of change in dates of the guarantee / warranty period shall be in the interest of the user / your organization.

I / We shall try to repair the equipment at IITJ TISC premises. However, in case it is not possible to repair the equipment at IITJ TISC premises, we will take out the equipment to our site on our own expenses. We shall take the entire responsibility for the safe custody and transportation of the equipment taken out for repairs till the equipment is rehabilitated to the Institute after repair. If any loss of equipment occurred during our custody, we will restore it / compensate to Institute for such losses.

I / We guarantee that in case we fail to carry out the maintenance work within the stipulated period, the IITJ TISC reserves the right to get the maintenance work carried out at our risk, cost and responsibility after informing us. The expenses of the same shall be recoverable from us with / without interest in accordance with the circumstances.

I / We undertake to perform calibration after every major repair / breakdown / taking the equipment out for repair from the IITJ TISC premises. I / We guarantee that we will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be an agreed discount on the published catalogue price.

I / We guarantee to the effect that before going out of production of the spare parts, we will give the adequate advance notice to IITJ TISC so that Institute may undertake to procure the balance of the life time requirements of the spare parts.

List of Govt. Organization/Deptt.

List of Government Organizations for whom the Bidder has undertaken such work during last three years (must be supported with work orders)		
Name of the organization	Name of Contact Person	Contact No.

Name of application specialist / Service Engineer who have the technical competency to handle and support the quoted product during the warranty period.		
Name of the organization	Name of Contact Person	Contact No.

The OEM/ authorized distributor / agent must be successfully completed at least 3 similar orders in IITs/ IISER/CSIR/IISc during last 3 years. Copy of Purchase order must be attached with technical bid.

Signature of Bidder Name: _____
 Designation: _____
 Organization Name: _____
 Contact No.: _____

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

Date: / /

To
 The CEO,IITJ TISC
 NH 62 Nagaur Road Karwar 342030

Sub: Authorization for release of payment / dues from IITJ TISC through Electronic Fund Transfer/RTGS Transfer.

1. Name of the Party/Firm/Company/Institute:
2. Address of the Party:

City _____ Pin Code_ E-Mail ID _____ Mob No: _____
 Permanent Account Number _____

3. Particulars of Bank:

Bank Name:		Branch Name:	
Branch Place:		Branch City:	
PIN Code:		Branch Code:	
MICR No.:			

(9 Digit number appearing on the MICR Bank of the Cheque supplied by the Bank, Please attach a Xerox copy of a cheque of your bank for ensuring accuracy of the bank name , branch name and codenumber)

IFS Code:(11 digit alpha numeric code)																			
Account Type	Savings				Current				Cash Credit										
Account Number:																			

DECLARATION

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information, I shall not hold CEO, IITJ TISC responsible. I also undertake to advise any change in the particulars

of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGSTransfer.

Place: _____ Date: _____

Signature & Seal of the Authorized Signatory of the Party

Certified that particulars furnished above are correct as per our records Bankers Stamp:

Date: _____

Signature of the Authorized Official from the Bank

N.B: Please fill in the information in CAPITAL LETTERS, computer typed; please TICK wherever it is applicable.

IITJ TISC COMPLIANCE SHEET			
IMPORTANTNOTE			
THIS STATEMENT SHOULD BE DULY FILLED AND ENCLOSED WITH QUOTATION.NONRECEIPT OF THIS STATEMENT OR INCOMPLETE DETAILS PROVIDED WILL LEAD TO REJECTION OF TENDER			
Tender Enquiry No:			
S. No.	Commercial Aspects	IITJ Terms	Response of the Vendor
1	Terms of Delivery	FOR	
2	Terms of Payment	The details of Payment term is mentioned inpoint no. 15	
3	Mode of Payment	Demand Draft/ Bank Guarantee/ FixedDeposit/ Online Transfer	
4	Bank Details for making Payment	To be enclosed	
5	Validity of Quote	90 days from the date of opening of Tender	
6	Name of Manufacturer	Name & complete address of the Manufacturer	
7	Currency in which quoted	INR	
8	Delivery Period	8 weeks from the effective date of Contract	
9	No. of Lots	01 lot	
10	Installation/Supply	IITJ TISC, Karwar	
11	EMD	Rs. 90,000/-	
12	Warranty	03 Years	
13	Liquidated damages (mandatory requirement, if not accepted quotation willnot be considered)	(0.5% of per day maximum upto 5% of the contract value excluding taxes for the delayedperiod)	
14	Order to be placed on	complete address with contact details of the supplier	
15	Customs Duty Percentage Applicable and requirement of Customs Duty Exemption Certificate (CDEC).	Percentage of Customs Duty Applicable to be specified even if CDEC is to be issued by DRL (under Customs Notification No.51/96 wherever applicable). No third party CDEC willbe	

		Provided	
16	Applicable GST as per Govt.rules	GST % should be mentioned separately	
17	Name & Address of the Firm:		
18	All the pages of the tender documents to be numbered innumeric (eg. 1,2,3....)		
19	Compliance (choose any one)	We hereby accept all the terms & conditions/instructions of the tender. Or We hereby accept all the terms & conditions/instructions of the tender except theone mentioned in separate sheet (mention the non- compliance conditions in separate sheet)	
20	Signature & Name of the authorized signatory with stamp of the firm:		

Signed & stamped compliance sheet of the technical specification of the goods with technical printed literature along with Bill of Material (BoM) mentioning all the terms & conditions clearly, must be enclosed with the technical bid (Annexure-VII).

FORMAT FOR THE SUBMISSION OF RATES – PRICE BID
(To be submitted on the letterhead of the company/firm)

Date: 03/06/2022

Name of the Equipment: SUPPLY & INSTALLATION OF 3-D BioPrinter

Name of the Manufacturer _____ Make of the Equipment _____
 _____ Model Number _____ County of Origin _____

Subject: SUPPLY & INSTALLATION OF 3-D BioPrinter

SN	Description and Specification of the Item	Qty. in Units	Unit Price in Rs.	GST %	GST Amount	Total Price in Rs.

Note: The above financial template should be strictly followed. Any deviation from the above template (in terms of description and specification of the item) may lead to cancellation of the tender.

This is certified that the rates quoted above are not more than the rates charged from any other Institute/ Department/Organization.

Signature & Seal of the Tenderer

BANK GUARANTEE FORM FOR PERFORMANCE SECURITY
(applicable only for order value above Rs. 10.0 Lakhs)

The Chairman,
IITJ Technology Innovation and Start-up Center (TISC)NH 65 Nagaur Road Karwar 342030
WHEREAS... (Name and address
of the Supplier) (herein after called “the Supplier”) has undertaken, in pursuance of contract
no..... dated (herein after called “the contract”) to
supply
.....
.....

AND WHEREAS it has been stipulated by you in the said contract that the Supplier shall furnish you with
a bank guarantee by a scheduled/nationalized bank recognized by you for the sums specified therein as
security for compliance with its obligations in accordance with and due performance of the contract;

AND WHEREAS we have agreed to give the Supplier such a bank guarantee;

NOW THEREFORE we hereby affirm that we are guarantors and responsible to you, on behalf of the
Supplier, up to a total of
(amount of the guarantee in words and figures), and we hereby irrevocably and absolutely undertake to
pay you immediately, upon your first written demand declaring the Supplier to be in default under the
contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee) as
aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum
specified therein.

We hereby waive the necessity of your demanding the said debt from the Supplier before presenting us
with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be
performed there under or of any of the contract documents which may be made between you and the
Supplier shall in any way release us from any liability under this guarantee and we hereby waive notice
of any such change, addition or modification.

The Bank guarantee shall be interpreted in accordance with the laws of India. The Guarantor

Bank represents that this Bank Guarantee has been established in such form and with such content that
is fully enforceable in accordance with its terms as against the Guarantor Bank in the manner provided
herein.

The Bank Guarantee shall not be affected in any manner by reason of merger, amalgamation,
restructuring or any other change in the constitution of the Guarantor Bank or the Supplier. The Bank
further undertakes not to revoke this Guarantee during its currency except with the previous express
consent of the Buyer in writing.

The Bank declares that it has power to issue this Guarantee and discharge the obligations contemplated herein, the undersigned is duly authorized and has full power to execute this Guarantee for an on behalf of the Bank.

This guarantee shall be valid up to and including theday of, 20.....

.....

(Signature with date of the authorized officer of the Bank)

.....

Name and designation of the officer

.....

Seal, name & address of the Bank and address of the Branch

FORMAT OF PRE-BID QUERIES

S.No.	Clause No.	Page no of the Tender	Clause	Query of the Bidder