

Notice Inviting Global Tender

Tender No: CNS/TENDER/2026-27/01

**Supply and installation of a “Upright High Speed Laser Scanning
Spinning Disk Confocal Microscope”, at the Centre for Neuroscience,
IISc, Bengaluru**



21 September 2026

Centre for Neuroscience, IISc Bengaluru

Tender Summary

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Section 1: Bid Schedule

1	Tender Number	CNS/TENDER/2026-27/01
2	Tender Date	21 September 2026
3	Item Description	Supply and installation of a Upright High Speed Laser Scanning Spinning Disk Confocal Microscope, at the Centre for Neuroscience, IISc, Bengaluru
4	Tender Type	Two bid system: (a) Technical Bid (Part A) (b) Commercial Bid (Part B)
5	Place of Tender Submission	Prof. Deepak Nair Professor, Centre for Neuroscience. Indian Institute of Science, Bengaluru, Karnataka 560012, India Prof. Kavita Babu Professor, Centre for Neuroscience. Indian Institute of Science, Bengaluru, Karnataka 560012, India
6	Last Date and Time for Tender Submission	13 October 2026 before 5:00 PM
7	Primary contact person	Prof. Kavita Babu Professor, Centre for Neuroscience. Indian Institute of Science, Bengaluru, Karnataka 560012, India Email: kavita@iisc.ac.in

This is a request for quotation from the **Original Equipment Manufacturer (OEM) or their authorized Indian distributor** for the procurement of a “Laser Scanning Confocal Microscope” (Upright Spinning Disc) at the Centre for Neuroscience, IISc, Bengaluru. Interested vendors shall submit their response demonstrating their capabilities of providing the requested equipment to the primary contact person.

Section 2: Eligibility Criteria

Prequalification Criteria:

1. The bidder must not be blacklisted/banned/suspended or have a record of any service-related disputes with any organisation in India or elsewhere. A declaration for this must be given as per Annexure 3.
2. The bidder should sign and submit the declaration of Acceptance of Terms and Conditions as per Annexure 4.
3. Only the Original Equipment Manufacturer or their authorized representatives across the globe shall participate in the bid.
4. The order will be placed only on the bidder who participated in the bid.
5. System Catalogue should be produced with the Technical Bid. Original Invoice, Original Warranty Certificate, and Original Test Reports should be produced for all imported items from OEM (Original Equipment Manufacturer) at the time of supply of equipment.
6. Manufacturers should have ISO or equivalent international standard certificate. Please attach the required certificate with the bid.
7. The supplier will support the user with all the spares for a minimum period of 5 years.
8. Details of experienced service engineers including contact details should be provided in the tender document.
9. Bidder shall have to submit audited accounts (Balance sheet profit and loss account) for financial year 2022-23, 2023-24, 2024-25 and 2025-26. The audited statement must be signed and stamped by qualified chartered accountants. The supplier will support the user with all the spares for a minimum period of 5 years.
10. Bidder must submit Income Tax return for assessment years 2022-23, 2023-24, 2024-25 and 2025-26.
11. The Bidder should have supplied similar equipment in India, preferably in centrally Funded Technical Institutes (IITs, IISc, IISER, NIT). Please provide the details and contact information.

Section 3: Terms and Conditions

A. Submission of Tender

1. All documentation in the tender should be in English.
2. Vendors will be required to submit a technical proposal and a commercial proposal in **two separate sealed envelopes** (two bid systems). The technical bid should contain all commercial terms and conditions, except the price. **Only vendors who meet the technical requirements will be considered for the commercial negotiation.**
3. **The technical bid** (Part A) must contain a point-by-point technical compliance document. The technical proposal should contain a compliance table with 5 columns.
 - a. The first column must list the technical requirements, in the order that they are given in the technical requirements below.
 - b. The second column must provide the specification of the instrument against the requirement (please provide quantitative responses wherever possible)
 - c. The third column should describe the compliance with a “YES” or “NO” only. Ensure that the entries in column 2 and column 3 are consistent.
 - d. The fourth column should clearly state the reasons/explanations/context for deviations if any.
 - e. The fifth column may contain additional remarks. It can be used to highlight the technical features, qualify the response of previous columns, or provide additional details.
4. **The commercial bid** (Part B) – Indicating item-wise price for the items mentioned in the technical bid, **as per the format of quotation provided in the tender**, and other commercial terms and conditions. The commercial bid should indicate the following separately: (a) equipment price (b) optional items (c) Shipping cost and (d) the Total cost.
5. The technical bid and price bid should each be placed in separate sealed covers, superscribing on both the envelopes a tender no. and the due date. Both these sealed covers are to be placed in a bigger cover which should also be sealed and duly superscripted with the Tender No, Tender Description & Due Date.
6. The SEALED COVER superscribing tender number / due date & should reach the to:

Prof. Deepak Nair

Professor,
Centre for Neuroscience.
Indian Institute of Science, Bengaluru, Karnataka
560012, India

Prof. Kavita Babu

Professor,
Centre for Neuroscience.

Indian Institute of Science, Bengaluru, Karnataka
560012, India

on or before the due date mentioned in the tender notice. In case the due date happens to be a holiday the tender will be accepted and opened on the next working day. If the quotation cover is not sealed, it will be rejected.

7. All queries are to be addressed to the person identified in “Section 1: Bid Schedule” of the tender notice.

8. GST/other taxes, levies etc., are to be indicated separately. The BIDDER should mention GST Registration and PAN in the tender document (Indian Bidders only).

9. In addition to that listed in the technical table that the vendor would like to bring to the attention of the committee, such as data sheets, technical plots etc. must be listed at the end of the compliance table. The committee will go through the data provided and those available in their website to evaluate the suitability.

10. The decision of the purchase committee will be final. The Institute reserves the right to accept or reject any bid or to annul the bidding process and reject all bids, at any time before the award of the contract without thereby incurring any liability of the affected bidder or bidders.

(B) Cancellation of Tender

Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:

1. To accept OR reject the lowest tender or any other tender or all the tenders.
2. To accept any tender in full or in part.
3. To reject the tender, offer not confirming to the tender terms.

(C) Validity of the Offer

The offer shall be valid for at least 90 Days from the date of opening of the commercial bid.

(D) Evaluation of the Offer

1. The technical bid (Part A) will be opened first and evaluated.
2. Bidders meeting the required eligibility criteria as stated in Section 2 of this document shall only be considered for Commercial Bid (Part B) opening. Further, agencies not furnishing the documentary evidence as required will not be considered.
3. Pre-qualification of the bidders shall not imply final acceptance of the Commercial Bid. The agency may be rejected at any point during technical evaluation or commercial evaluation. The decision regarding acceptance and/or rejection of any offer in part or full shall be the sole discretion of IISc Bangalore, and the decision in this regard shall be binding on the bidders.
4. The award of the contract will be subject to acceptance of the terms and conditions stated in this tender.
5. Any offer which deviates from the vital conditions (as illustrated below) of the tender is liable to be rejected:

- a. Non-submission of complete offers.
 - b. Receipt of bids after the due date and time and or by email/fax (unless specified otherwise).
 - c. Receipt of bids in open conditions.
6. In case any BIDDER is silent on any clauses mentioned in these tender documents, IISc Bangalore shall consider that the BIDDER had accepted the clauses as of the tender and no further claim will be entertained.
7. No revision of the terms and conditions quoted in the offer will be entertained after the last date and time fixed for receipt of tenders.
8. The lowest bid will be calculated based on the total price of all items tendered for Basic equipment along with accessories selected for installation, operation, preprocessing and post- processing, optional items, recommended spares, warranty, and annual maintenance contract.

(E) Pre-requisites:

The bidder will provide the prerequisite installation requirement of the equipment along with the technical bid.

(F) Warranty:

The complete system is to be under a warranty period of **a minimum of 1 year** from the date of delivery, including a free supply of spare parts and online assistance for 3 subsequent years. If the instrument is found to be defective, it must be replaced or rectified at the cost of the bidder within 30 days from the date of receipt of written communications from IISc Bangalore. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

(G) Purchase Order:

The order will be placed on the bidder whose bid is accepted by IISc based on the terms & conditions mentioned in the tender document. The quantity of the items in the tender is only indicative. IISc, Bangalore reserves the right to increase /decrease the quantity of the items depending on the requirement. If the quality of the product and service provided is not found satisfactory, IISc Bangalore reserves the right to cancel or amend the contract.

(H) Delivery and Installation

The bidder shall provide the lead time to delivery, installation and made functional at IISc Bangalore from the date of receipt of the purchase order. The system should be delivered, installed, and made functional **within 140 days** from the date of receipt of the purchase order. The supply of the items will be considered as effected only on satisfactory installation and inspection of the system and inspection of all the items and features/capabilities tested by the IISc, Bangalore. After successful installation and inspection, the date of taking over the entire system by the IISc, Bangalore shall be taken as the start of the warranty period. No partial shipment is allowed. The technical installation personnel/engineer, who will perform the installation, must possess proof of a training certificate from the manufacturing company/factory/principal, which should be submitted along with the tender offer.

Liquidated Damages: In case of delay in delivery/completion, LD @ **0.5% of the value of the delayed portion per week or part thereof**, subject to a maximum of **10% of the order value**, may be levied.

Performance Clause: The supplier shall be responsible for the proper installation, commissioning, testing, and satisfactory performance of the equipment/system, wherever applicable. Any defects, deficiencies, or non-conformities identified during inspection, installation, commissioning, or the warranty period shall be rectified/replaced by the supplier at no additional cost to the purchaser within the stipulated time.

(I) Payment Terms:

100% payments (except AMC) will be released after completion of delivery and satisfactory installation subject to TDS as per rules. AMC cost (if ordered), after completion of the warranty period) will be released on a half-yearly basis at the end of each six months subject to satisfactory services. The AMC will be comprehensive. As per GFR, no advance payment can be made to the authorized Indian distributors unless an equal amount of bank guarantee is provided.

(J) Statutory Variation:

Any statutory increase in the taxes and duties after the bidder's offer, if it takes place within the original contractual delivery date, will be borne by IISc, Bangalore subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed onto IISc, Bangalore.

(K) Disputes and Jurisdiction:

Any legal disputes arising out of any breach of contract about this tender shall be settled in the court of competent jurisdiction located within the city of Bangalore, India.

(L) General:

1. All amendments, time extensions, clarifications etc., within the period of submission of the tender will be communicated electronically. No extension in the bid due date/time shall be considered on account of delay in receipt of any document(s) by mail.
2. The bidder may furnish any additional information, which is necessary to establish capabilities to complete the envisaged work. It is, however, advised not to furnish superfluous information.
3. The bidder may visit the installation site before submission of the tender, with prior intimation.
4. Any information furnished by the bidder found to be incorrect, either immediately or at a later date, would render the bidder liable to be debarred from tendering/taking up of work in IISc Bangalore.

Section 4: Technical Specifications

Technical specifications for “Upright High Speed Laser Scanning Spinning Disk Confocal Microscope”

Sl.No.	Specifications	Essential/Optional
1.	Main Body: a. Fully motorized infinity corrected upright microscope stand for BF/DIC/Fluorescence with touch screen and remote control / switch on the body and joystick for controlling motorized components of the microscope and safety features like interlock for lasers. b. Quadrocular tube with prism for selection of light path between Eyepiece/Upper port/Rear port: 100/0/0, 0/100/0, 0/0/100. c. Programmable motorized X-Y scanning stage including multipoint, tile and mosaic imaging software. d. Universal Sample Holder for slides, 35-60mm petridishes, 6/12/24 well plates, labtek chambers etc. e. LED illumination with a minimum life time of 50,000 Hrs / Halogen lamp with 12V/100W power with equivalent lifetime (may offer multiple lamps) for bright field / DIC f. LED illumination for fluorescence catering to the following fluorophores (in #7) to be included with a lifetime of $\geq 20,000$ hours. g. Band pass fluorescent filters for wavelengths in range: DAPI, GFP/FITC, Cy3/TRITC h. Should be upgradable to couple additional laser/LED light sources for fluorescence based imaging. i. Motorized 6 position revolving DIC nosepiece, universal condenser (NA 0.55/WD.27mm or better) with modules for DIC and minimum 5 position turret. j. High precision Z-focus drive with step size of 25 nm or better. Should be equipped with escape (for anti-collision) and refocus mechanism. k. Should have motorized coaxial coarse and fine focussing knob with minimum fine reading of 10 nm or better. l. Adapters for upper port and rear port for attaching camera/detector and confocal module. m. 10X Eye Piece with FOV 22mm or better. n. Vinyl cover to protect from dust. o. System should be capable of any hardware upgradation in future.	Essential

	p. Microscope should be upgradable to dual deck configuration for future expansion to combine other technology on the same platform.	
2.	Objectives: Plan apochromatically corrected (correction of chromatic and spherical aberrations) and high transmittance from 400nm 900nm / infinity corrected optics consisting of following objectives: - 4X air objective NA 0.2 - 10X air objective NA 0.45 - 20X water immersion objective NA 0.95; WD 0.93mm - 60X water dipping objective NA 1.42 W.D.0.15mm	Essential
3.	Epifluorescence attachment: Motorized 6 position fluorescence filter turret, with motorized shutter	Essential
4.	Spinning Disk: - Spinning disk scanning confocal system with high sensitive CCD or CMOS detectors. Detection unit should work in epifluorescence and confocal. real time confocality with a bypass mode for normal widefield fluorescence imaging. System should support excitation range of 390-750nm and emission range of 430nm -850nm, capable of capturing 22mm field of view or better. - minimum XY resolution of 230nm and Z resolution of 600 nm. Laser modules with all solid state lasers only. Minimum requirements:-405 nm, 488 or 470 nm, 532 or 561 or 555 nm and 640 nm. All visible & UV lasers should be connected to the scan head and should be controlled through AOTF / direct modulation/ AOM for fast laser switching and attenuation. Laser lines should be 200 mW or better Field of view - upto 22 mm for Imaging Compatibility- with upright microscopes, at least 5 position filter wheel, Bypass mode, disk rotation speed- 15000 rpm or better.	Essential
	Software: - Basic image aquisition and should be capable of controlling every component of the system including microscope, , Spinning Disk confocal setup; Should be compatible for 3D, 4D, 5D and 6D imaging (X,Y,Z,t, multi color, multi point). - Time series imaging capabilities.	Essential

	c. Quantitative data analysis capability like Automated measurements, Intensity measurements etc. d. Advanced 3D image reconstruction with rendering from a Z-stack image series including 3D deconvolution capability in widefield, confocal. e. Co-localization and histogram analysis with individual parameters	
	Camera: Monochrome sCMOS camera with dynamic range of 30000:1 or better for fluorescence imaging. Minimum resolution of 2048 x 2048 pixels. Quantum Efficiency between 400 to 800 nm should be around 45%, with peak QE at least 82%. Minimum full resolution frame rate 30 frames/second. 40 frames/second (Full resolution, standard scan, USB 3.0, 16 bit) ; 53 frames/s (Full resolution, standard scan, USB 3.0, 12 bit); 80 frames/s (Full resolution, standard scan, USB 3.0, 8 bit)	Essential
	Computer: High-end 64-bit control computer with minimum Intel Xeon Processor, Win Pro or better, DDR4 RAM 64 GB or more; 256 GB SSD or better; HDD: 2 TB SATA or more, NVIDIA graphics card 8 GB or better, USB 3.0. 1 X 32" Monitor.	Essential
	Instrument Isolation: Imported Anti-vibration table. UPS: Online 5 KVA UPS for back up	Essential

Section 5: Technical Bid

The technical bid should furnish all the requirements of the tender along with all annexures in this section and submitted to:

Prof. Deepak Nair

Professor,

Centre for Neuroscience.

Indian Institute of Science, Bengaluru, Karnataka

560012, India

Email: deepak@iisc.ac.in

Prof. Kavita Babu

Professor, Convener of Technical Committee

Centre for Neuroscience.

Indian Institute of Science, Bengaluru, Karnataka

560012, India

Email: kavitababu@iisc.ac.in

Annexure 1: Details of the Bidder

Sl. No.	Item Details
1	Name of the Bidder
2	Nature of Bidder (Attach attested copy of Certificate of Incorporation/ Partnership Deed)
3	Registration No/ Trade License, (attach attested copy)
4	Registered Office Address
5	Address for communication
6	Contact person- Name and Designation
7	Telephone No
8	Email ID
9	Website
10	PAN No. (attach copy)
11	GST No. (attach copy)

(Signature of the Bidder)

Name, Designation, Seal

Date:

Annexure 2: Declaration regarding experience

To,

Prof. Deepak Nair

Professor,

Centre for Neuroscience.

Indian Institute of Science, Bengaluru, Karnataka

560012, India

Prof. Kavita Babu

Professor, Convener of Technical Committee

Centre for Neuroscience.

Indian Institute of Science, Bengaluru, Karnataka

560012, India

Ref: Tender No: **CNS/TENDER/2026-27/01**

Dated: 17/09/26

Sub: Supply and installation of a “Upright High Speed Laser Scanning Spinning Disk Confocal Microscope”, at the Centre for Neuroscience, IISc, Bengaluru

Sir/Ma’am,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company / firm has __ years of experience in supplying and installing “Upright High-Speed Laser Scanning Spinning Disk Confocal Microscope”.

Yours faithfully,

(Signature of the Bidder)

Name, Designation, Seal Date

Date:

Annexure 3: Declaration of the track record

To,

Prof. Deepak Nair

Professor,
Centre for Neuroscience.
Indian Institute of Science, Bengaluru, Karnataka
560012, India

Prof. Kavita Babu

Professor, Convener of Technical Committee
Centre for Neuroscience.
Indian Institute of Science, Bengaluru, Karnataka
560012, India

Ref: Tender No: **CNS/TENDER/2026-27/01**

Dated: 17/09/26

Sub: Supply and installation of a “Upright High Speed Laser Scanning Spinning Disk Confocal Microscope”, at the Centre for Neuroscience, IISc, Bengaluru

Sir,

I've carefully gone through the Terms & Conditions contained in the above referred tender. I hereby declare that my company/ firm is not currently debarred /blacklisted by any Government / Semi Government organizations/institutions in India or abroad. I further certify that I'm competent officer in my company/firm to make this declaration.

Or

I declare the following,

Sl. No.	Country in which the company is Debarred/blacklisted /case is Pending	Blacklisted/debarred by Government/Semi Government/Organizations /Institutions	Reasons	Since when and for how long
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Yours faithfully,

(Signature of the Bidder)

Name, Designation, Seal Date

Date:

Annexure 4: Declaration for acceptance of terms and conditions

To,

Prof. Deepak Nair

Professor,
Centre for Neuroscience.
Indian Institute of Science, Bengaluru, Karnataka
560012, India

Prof. Kavita Babu

Professor, Convener of Technical Committee
Centre for Neuroscience.
Indian Institute of Science, Bengaluru, Karnataka
560012, India

Ref: Tender No: **CNS/TENDER/2026-27/01**

Dated: 17/09/26

Sub: Supply and installation of a “Upright High Speed Laser Scanning Spinning Disk Confocal Microscope”, at the Centre for Neuroscience, IISc, Bengaluru

I've carefully gone through the Terms & Conditions as mentioned in the above referred tender document. I declare that all the provisions of this tender document are acceptable to my company. I further certify that I'm an authorized signatory of my company and am, therefore, competent to make this declaration.

Yours faithfully,

(Signature of the Bidder)

Name, Designation, Seal Date

Date:

Annexure 5: Declaration for acceptance of terms and conditions

Details of items quoted:

- a. Company Name
- b. Product Name
- c. Part / Catalogue number
- d. Product description / main features
- e. Detailed technical specifications
- f. Remarks

Instructions to bidders:

1. Bidder should provide technical specifications of the quoted product/s in detail.
2. Bidder should attach product brochures along with technical bid.
3. Bidders should clearly indicate compliance or non-compliance of the technical specifications provided in the tender document.

Section 6: Commercial Bid

The commercial bid should be furnished with all requirements of the tender with supporting documents as mentioned under

Sl.No.	Description	Cat. Number	Quantity	Unit Price	Sub total
1	Essential items noted in the technical specification				
1.a.	... (details of essential items)				
1.b.	...				
2.	Optional items noted in the technical specification				
2.a	... (details of optional items)				
2.b.	...				
3.	Accessories for operation and installation				
4.	All Consumables, spares and software to be supplied locally				
5.	Warranty (1 year)				
6.	Cost of Insurance and Airfreight				
7.	CIF IISc, Bengaluru				

Any Additional Items

Sl.No.	Description	Cat. Number	Quantity	Unit Price	Sub total

Addressed to:

Prof. Deepak Nair

Professor,

Centre for Neuroscience. Indian Institute of Science, Bengaluru, Karnataka, 560012, India

Prof. Kavita Babu

Professor, Convener of Technical Committee

Centre for Neuroscience. Indian Institute of Science, Bengaluru, Karnataka, 560012, India

Section 7: Checklist

(This should be enclosed with technical bid- Part A)

The following items must be checked before the Bid is submitted:

1. Sealed Envelope "A": Technical Bid

1. Section 5- Technical Bid (each page signed by the authorized signatory and sealed) with the below annexures:
 - a. Annexure 1: Bidders details
 - b. Annexure 2: Declaration regarding experience
 - c. Annexure 3: Declaration regarding clean track record
 - d. Annexure 4: Declaration for acceptance of terms and conditions
 - e. Annexure 5: Details of items quoted.
2. Copy of this tender document duly signed by the authorized signatory on every page and sealed.

2. Sealed Envelope "B": Commercial Bid

Section 6: Commercial Bid

Your quotation must be submitted in two envelopes: Technical Bid (Envelope A) and Commercial Bid (Envelope B) super scribing on both the envelopes with Tender No. and due date and both of these in sealed covers and put in a bigger cover which should also be sealed and duly super scribed with Tender No., Tender description & Due Date.