

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Plot No.36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District.
Hyderabad - 500 107, Telangana, India.

Telephone: +91-40-2020 3020

Website: www.tifrh.res.in

Email: purchasegroup@tifrh.res.in

irathna@tifrh.res.in

Date: 11-11-2020

Notice Inviting Tender cum Tender Document (Two Part Public Tender) for the following items:

Supply, Installation and Commissioning of Spinning Disk Confocal System with Super Resolution Imaging for Tata Institute of Fundamental Research, Hyderabad.

As per our technical specifications: Qty. - 1 No.

Public Tender No.	TIFR/PD/CA20-30/200490
Published on	12-11-2020
Tender Fees	For Indian Supplier - Rs. 700/- For Foreign Supplier-USD 100
EMD	For Indian Supplier - Rs. 7,00,000/- For Foreign Supplier - USD 9412
Estimated Cost (Estimated cost upto TIFR, Hyderabad inclusive of all applicable charges)	Rs. 3,50,00,000/-
Last Date for Submission of Bid	10-12-2020 upto 13.00 Hrs.
Date of Opening Bids(Part A)	10-12-2020 at 15.00 Hrs.

Both Technical Bid (Part A) and Financial Bid (Part B) to be submitted within the due date and time in separate envelopes and marked on top as Part A and Part B. These two sealed envelopes should be further put in one Master Envelope super scribed with the Tender No., Due Date in Bold Letters.

Please see attached sheet for conditions of tender.

Note: All future corrigendum/addendum will be published in TIFR Hyderabad website only. All prospective bidders are requested to visit our website regularly for any such updates/Corrigendum/Addendum.

**ADMINISTRATIVE OFFICER
(PURCHASE SECTION)
TIFR, HYDERABAD**

SCOPE OF SUPPLY - ANNEXURE A

Technical Specifications for Spinning Disk Confocal System with Super Resolution Imaging for TIFR Hyderabad.

Equipment: **A spinning disk confocal system with the capability of super resolution imaging** by Super Resolution via Optical Re-assignment (SoRa). The system must comprise of an advanced, fully motorized, dual-deck microscope with motorized fluorescence turret and integrated imaging system with the following system specification. The vendor should supply the entire system with all necessary accessories and complete system integration of hardware components. The vendor should be responsible for the complete system installation, functioning and maintenance.

Specifications:

A. Microscope Body and Detector:

1. Microscope Body: Fully motorized and computer-controlled inverted double-deck microscope and multiport design (all ports should be active for camera's), with the joystick control of the Motorized stage. It should have inbuilt motorized Z-focus drive with minimum step size of 10nm or better and control buttons (preferably inbuilt with microscope body) capable of controlling all motorized functions of microscope. **The Microscope should have Focus Drift Correction System (LED/IR Laser based) to automatically correct focus drift caused by thermal and mechanical changes.** The system should have a **dedicated touch screen controller separate from microscope frame** for control of all the motorized part of the system.

Optional: Intermediate magnification changer

Optional: The frame should be equipped with a drainage system below the nosepiece to avoid any spillage of solution/media to the optics.

2. Transmitted light source: High Power LEDs based uniform illumination from edge to edge for quantitative high-speed imaging with Lower and High magnification objectives.

3. Eye Pieces: 10X with F.O.V 22mm or better - 2 pieces and diopter adjustment facility on both eyes with Anti-fungus type.

4. Motorized Stage: Linear encoded XY motorized stage (Encoder based for better precision) with multiple holders to adapt slides, Petri dish with glass bottom cover slips, multi-well plates; Flasks etc. for Multipoint imaging.

5. Motorized Condenser: Universal (suitable for all Microscopy Techniques) 6 positions or more, Motorized condenser with objective specific DIC Prisms for 10X, 20X, 40X, 60/63X and 100X objectives. Motorized/Intelligent and Analyzer for DIC. The transmitted light path should also be equipped with a motorized shutter mechanism.

7. Nosepiece: At least six position Motorized revolving DIC nosepiece to accommodate six objectives lens of different magnifications at a time.

8. DIC Attachment: Motorized DIC Analyzer and DIC prisms with motorized/intelligent Polarizer and DIC prisms and modules for 10x - 100x objectives.

9. Objectives: High performance objectives of following specifications:

- A. **Plan Achromat Objectives 10X (W.D 2 mm or better),**
- B. **20X Air (N.A. 0.75 or higher),**
- C. **40X Water (N.A 1.10 or higher),**
- D. **Plan 40x Oil (N.A 1.25 or higher),**
- E. **60X/63X Oil (N.A 1.4 or higher),**
- F. **Plan Apo 60x Water (N.A. 1.2 or higher)** for Bright field/DIC/Fluorescence/Confocal observations and Super Resolution imaging
- G. **Plan Apo TIRF 100X Oil (N.A. 1.49 or higher)** objective for Confocal and Super Resolution Imaging.

Optional objective: A 40X Silicone objective can be quoted separately.

10. Fluorescence attachments: Motorized Epi-Fluorescence Attachment within built shutter of 6 position or more with Automated Fluorescence filter cubes along with incorporated for high signal to noise ratio images.

11. Fluorescence light source and Fluorescence Filters: LED illumination with at least 10000 Hrs or more life time built in attenuator and shutter, and must be provided with suitable filter for imaging in Wide field mode for Fluorescence dye's like DAPI, CFP, GFP, YFP, RFP/DsRed, mCherry/Texas red, Cy5 filters.

12. Two high-sensitive Cooled sCMOS Camera for simultaneous two channel Fluorescence, confocal and super resolution Imaging:

sCMOS based camera chip with at least 2048x2048 active pixels with pixel size 6.5 μ m x 6.5 μ m, frame rate at least 85 fps or faster at full field of view with 95% or above quantum efficiency dynamic range of 21,000:1 with computer interface (camera link or equivalent in terms of speed of data transfer). The detector should have read noise of 0.7 electron rms or lesser and preferably have the dynamic range should be more than 33,000 or better.

Optional quote: Separate quote for same camera specification but with 2304 x 2304 active pixels.

13. System should be supplied with Live Cell incubator with touch screen based controller: On stage Incubator with CO₂ Concentration: 5% to 15% or better with PID regulation or some regulation option. Temperature and humidity control with dedicated chamber for multi-well plate, 35 mm dish, and slide.

14. System should be equipped with high-quality international-standard active anti-vibration table (preferably from TMC/Newport/Kinetic/Thorlabs) with 1200mm x 900mm size with M6 Holes to avoid any vibration during experiments with noise less air pump.

B. Spinning Disk Confocal Module:

1. Micro lens enhanced Nipkow Spinning Disk System with 4000 rpm and should have **50 µm** pinholes for Confocal Imaging **having effective FOV of 17 mm or more.**

2. Confocal System should have two color simultaneous imaging with two high sensitive detectors. With pixel to pixel overlay of both the camera.

3. Confocal system should have the motorized exchanger between Confocal and Brightfield Imaging.

4. System should be provided with suitable primary (excitation) Dichroic Mirror for **405nm, 445nm, 488nm, 515nm, 561nm and 640nm**

5. System should be provided with suitable secondary (emission splitter) Dichroic Mirror for GFP and RFP/mCherry pair and CFP and YFP Pairs (for two color simultaneous imaging with two camera). In addition, the system should have built in filter cubes for **DAPI, CFP, FITC/GFP, YFP, RFP/Cy3, Cy5 for observation purpose.** Also should have 8 or more position Emission Filter wheel for two detectors with individual bandpass emission filters for **405/445/488/515/561/640 nm excitation lasers.**

6. All the cabling and controls required to integrate, align and operate from the controlling computer and the microscope system described above. A dedicated real time TTL based signal board all the lasers (laser selection and intensity modulation and microsecond fast switching, synchronized camera trigger with respect to disk rotation and shutter for high speed multi-dimensional image acquisition.

The acquisition & analysis, software, microscope, laser combiner and the breakout box/real-time control board should be either from the microscope manufacturer or should be factory tested and recommended by the microscope manufacturer in case of third-party product for better synchronization and post-sale support. The entire

system should be a catalog product with relevant brochures and technical details should be available in their website. No local integration by sourcing accessories from local vendors are entertained and the microscope vendor should be responsible for the performance of the whole system. Vendor should be responsible for any component related to microscope, including the ones from the microscope manufacturer and the third-party components.

7. System should be equipped with uniformizer or homogenizer or similar technology - that allows the resultant image to be uniform over the field of view. Along with the technical documents, the vendor should submit images with and without the uniformizer or homogenizer or equivalent.

C. Online/real-time Spinning Disk Super Resolution Module Motorized Switching (Super Resolution via Optical Re-assignment):

1. There should be separate Super Resolution Disk available within the Confocal Scanning Head for Spinning Disk Based Super Resolution Imaging along with Microlens enhanced Spinning Disk System for Confocal Imaging. Also the Disks for Super Resolution Imaging and Confocal Imaging should be interchangeable by the same application software been used for whole imaging system including analysis for smooth imaging modalities. The system should be equipped with module to provide online processing to collect the high frequency information and deliver high S/N high resolution images.

2. The Super Resolution Imaging should be achieved by **Super Resolution via Optical Re-assignment**. System should have lens Switching capability in light path via intermediate Motorized magnification changer for 1x and 2.8X/3.2X/4X. High N.A objective like 60x/63X and 100x should be usable for Super resolution mode with 2.8X/3.2X/4X.

3. The system should be capable to capture data **with 200 fps with ROI**.

4. The Super Resolution System should achieve the final **Lateral Resolution of 120nm in real-time or better** in FWHM and **Axial Resolution of 350 nm or better** in FWHM and can be achieved with the help of dedicated Super Resolution Spinning Disk within the Spinning Disk unit.

D. Laser Illuminator and Combiner:

1. Solid state laser lines with wavelengths 405 nm (50 mW or more), 488 nm (100 mW or more), 561 nm (100 mW or more), and 640 nm (100 mW or more) with single/dual fiber output. The laser combiner should be onsite upgradable to additional two lasers (445 nm and 514 nm). All the lasers should have a minimum life time of 10,000 hours.

Optional: 50 mW or better (at source) solid state laser lines with wavelengths 445nm and 515nm should be quoted as optional items.

2. All the cabling and controls required to integrate all the parts and operate from the controlling computer.

3. The system should have Fluorescence Recovery After Photobleaching (FRAP) and Photoactivation (PA) capabilities that can be targeted to microns-scale subcellular regions. It should have Galvo-based FRAP/Photoactivation capability with flexibility of any shape ROI at least at 405 nm (50 mW or more). The FRAP unit should be able to integrate more lasers in future and should, therefore, already have the laser combiner in-built.

Optional: A solid state laser with wavelengths 488 nm for FRAP-PA and a pulsed 355 nm laser (20kHz or higher, peak power 0.7kW or higher) for tissue ablation should be quoted as optional items.

E. Application Software:

1. The Application Software should be able to control all motorized components of microscope, cameras, spinning disk system (Confocal Disk and Super Resolution Disk), laser combiner and high speed experiments. Software must be capable to perform X, Y, Z, T, Multichannel, multi point and multi well imaging. Software must be able to study Co-localization. Must be able to record live graphs and quantitative parameters which can be recorded and all the quantitative parameters must be reproducible as Live data later on along with Live image.

2. The application software should have a provision for Graphical User Interface (GUI) with automated procedure for complex image acquisition and data analysis and should have comprehensive user interface, also it should support Well plate, dish and slide, **can perform conditional acquisition, can use set of ready to use templates, available wizard for operators, visual programming style and integrated analysis**, The complete acquisition history should be stored in the database along with whole organization and structure of complex experiment and projects.

3. The analysis modules should **have a modular tool for building image analysis recipe**. The image analysis recipe should have following set of action like background correction, contrast adjustment, 2D/3D Deconvolution, denoising and it should be performed based on an inputs like Binary layers, image color channels, , tracking, data management etc.

4. All components (Microscope, Spinning Disk unit, Camera, and Photoactivation mode etc.) should be controlled with a single software.

5. The system should essentially be equipped with dedicated 3D Deconvolution module integrated to the main software to automatically fetch all the metadata and must have dedicated PSF fitting modules for widefield, laser scanning, spinning disc confocal, and Super resolution images to achieve better S/N and higher resolution.

F. WorkStation and Other Accessories:

System should be provided with a latest, high speed Xeon Processor with 64 GB DDR RAM or better, 2 TB or more HDD, NVIDIA 8GB or more GPU Card, 0.5 TB SSD, Windows 10 pro 64 Bit, key board, optical mouse, DVDR/RW. It should be provided with 30" LED/TFT high-resolution monitors. System should be provided with online UPS (3 kVA or more) for controlling the entire hardware's of the system with 30 minutes back up.

Other conditions:

- ✓ Bidders should clearly specify the after sales/service/application support capabilities.
- ✓ Latest model system available at the time of delivery meeting all the minimum criteria / specifications should be provided by the company for the same cost.
- ✓ Provide all information as regards pre-installation requirements (i.e. room, environment) for installation.
- ✓ Onsite Training for personnel should be made available.
- ✓ **Complete warranty for three years. Any faulty component, including the ones from the microscope manufacturer and the third-party components, should be replaced completely free of cost during this period.**
- ✓ **Additional two years AMC after completion of warranty period. Two compulsory Service visits and one in case of emergency visit in a year will be provided to Institutes during this AMC period.**
- ✓ Preferably, at least one Installation of the same system in India with working condition.
- ✓ For the financial bid (excluding the optional items), please quote the price in both INR and Foreign Currency, separately.

NOTE: For technical evaluation, the vendor must provide the specifications in the same order that has been used in the tender, preferably with a check-list. Optional items can be aggregated in the end.

NOTE 1:

- **The bidder should attach the point by point technical specification provided in the tender in a tabulation format and fill the technical compliance (with additional remarks if any) along with the bid.**

- **The bidder should ensure the following:**
 - B. Earnest Money Deposit (EMD), tender fee submission.**
 - C. Attachment of Annexure – B (Audited Annual Turnover Certified by CA).**
 - D. Attachment of Annexure – C (Supplier order details with copy document) along with the bid as per tender terms & conditions.**

NOTE 2:

- **Bidders / Vendors are requested to visit TIFR Hyderabad website for details / update.**

- **The bidders / vendors are strictly restricted to enter TIFR Hyderabad campus due to the current COVID 19 Pandemic Situation. The Technical Bids of the same will be opened by the TIFR Hyderabad officials. The tender details will be informed / communicated to the respective bidders through online meeting (or) email.**

**Audited Annual Turnover
Annexure - B**

S.No.	Financial/ Accounting Year	Profit (Rs.)	Loss (Rs.)	Annual Turnover (in INR)
1.				
2.				
3.				

Authorized Signatory with Seal

Note:

This Audited Annual Turnover (Annexure - B) for the last 3 years should be certified by Chartered Accountant (CA) as per the format given above duly signed and stamped by the CA on their letterhead.

Supply Order details of Spinning Disk Confocal System with Super Resolution Imaging to Other Firms.

Annexure - C

S.No.	Name of the company with full address	Name of the Project	Purchase Order No. & Date	Brief Item Description with Model No.	Item Value in Currency
Signature					
Name					
Designation					
Name of the Company					
Date					
Seal of the Company					

NOTE: Please attach the copy documents / purchase order copy for the above mentioned details.

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Centre for Interdisciplinary Sciences

Plot No.36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District.

Hyderabad - 500 107, Telangana, India.

(PURCHASE SECTION)

1. **PART "A" (Technical Bid) consisting of Technical Bid with Commercial Terms and PART "B" (Financial Bid) consisting of only Price** shall be submitted in **separate** sealed envelopes duly superscribed with the tender enquiry number, and the due date in bold letters, addressed to the Administrative Officer, Tata Institute of Fundamental Research, Plot No.36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District. Hyderabad-500 107, Telangana, India. The envelopes should be clearly marked on top as either PART "A" or PART "B".

The two sealed covers should be further put in a master cover superscribed with the Tender Enquiry No., Due Date in bold letters, addressed to the Purchase Officer, Tata Institute of Fundamental Research, Plot No.36/P, Gopanpally Village, Serilingampally Mandal, Ranga Reddy District. Hyderabad-500 107, Telangana, India. The sealed master envelop has to be delivered by hand/courier at the security Gate Office of TIFR-TCIS on or before 13.00 hrs. on the due date specified. The technical bid will be opened at 15.00 hrs. on the due date at Purchase Section, TIFR-TCIS, Hyderabad. Tenders submitted after 13.00 hrs. on due date will not be considered.

2. **In case the PART "A" and Part "B" bids are not sealed in separate envelopes the tender will be rejected.**
3. The technical bid should not contain any indication of the price. The bidder should take special care not to mention anything related to pricing and costing aspect of whatsoever nature. The technical bid should include/contain only technical specifications, technical literature, drawing, quantity, manufacturing and delivery schedule, mode and terms of payment, mode of dispatch, the quantum and percentage of statutory levies payable by the purchaser as extra and all related commercial terms and conditions for the supply and for the services like erection and commissioning to be rendered by the tenderer. The details of the validity of the tender should also be indicated along with the commercial details.
4. After scrutiny of Technical Bids, Financial bids of only those bidders who are shortlisted on technical basis will be opened at on later date. The opening date, time and venue will be intimated to the technically successful bidder.
5. **All the bidders/contractors should provide Company Authorization Letter duly signed and stamped by Competent Authority to participate in the tender related meetings at TIFR Hyderabad.**

6. Tender Document Fee:

- a. For Indian Supplier: Tender fee for Rs. 700/- (Non-refundable) in the form of D.D. in favour of "TIFR Centre for Interdisciplinary Sciences", payable at Hyderabad to be enclosed with the Technical Bid (Part - A).
- b. For Foreign Supplier: Tender fee of USD 100 (Non-refundable) in the form of advance cheque in favour of "TIFR Centre for Interdisciplinary Sciences", payable at Hyderabad to be enclosed with the Technical Bid (Part A).

7. Earnest Money Deposit (EMD):

- a. For Indian Supplier: Earnest Money Deposit (EMD) for Rs. 7,00,000/-in the form of D.D. in favour of "TIFR Centre for Interdisciplinary Sciences", payable at Hyderabad to be enclosed along with the technical Bid (Part - A).
- b. For Foreign Supplier: Earnest Money (EMD) for USD 9412 in the form of advance cheque in favour of "TIFR Centre for Interdisciplinary Sciences", payable at Hyderabad to be enclosed with the Technical Bid (Part - A).

EMD shall be interest free and it will be refunded to the unsuccessful bidder without any interest. EMD will be forfeited if the bidder withdraws or amend impairs or derogates from the tender in any respect.

8. Bidders who have not accepted the job/order awarded to them or withdrawn from the tender process OR whose EMD/Security deposit has been forfeited in the past, their bids will not be considered and treated as ineligible / disqualified.

9. After downloading the documents please inform your company details such as name, address, telephone nos., contact person and email address etc. by email to us (purchasergroup@tifrh.res.in , jrathna@tifrh.res.in) to enable us to inform prospective bidder for any corrigendum/changes if any; in the Tender document before due date.
10. Quotations must be valid for a period of 180 days from the due date.
11. Tenders containing correction, overwriting will not be considered. Late or delayed/Unsolicited quotations/offers shall not be considered at all. These will be returned to the firms as it is. Post tender revisions/corrections shall also not be considered.
12. Tenderer should sign on all the pages of the technical bid and the price bid.

13. The price quoted for Import item must be on following basis:
 - a. Ex-Work/factory duly packed airworthy/seaworthy and of international standard
 - b. FOB/FCA
 - c. CIF Hyderabad, Airport Port (all-inclusive i.e. Cost of Goods, Packing, Insurance, Inland transportation, freight etc.)

For local item /supply, offer should be on FOR basis (i.e. total landed cost for delivery at TIFR-TCIS, Hyderabad).

The dimension of the item (viz. H, W, L, weight etc.) shall be specifically stated and also mention whether the mode of shipping the item is Airworthiness / Seaworthiness or both. Accordingly the mode of shipment will be decided by TIFR-TCIS.

Price must be quoted in the Price Bid Format attached herewith as “Part -B” (Financial Bid).

14. If equipment offered is to be imported, arrangements for import will be made by us.
15. Tenders who do not comply with any of the condition are liable to be rejected.
16. The Institute shall be under no obligation to accept the lowest or any other tender received in response to this tender notice and shall be entitled to reject any tender without assigning any reason whatsoever.
17. TIFR reserves the right to place the order for part/reduced quantity than what is specified in the tender.
18. **Performance Security:** The Successful bidders should deposit @ 10% of Purchase Order value as Performance Security against issue of order/contract to be submitted within 15 days against issue of order/contract. The performance security shall be in the form of Demand Draft in favour of “TIFR Centre for Interdisciplinary Sciences, Hyderabad” payable at Hyderabad (or) Bank Guarantee from State Bank of India & Associates (or) any one of the Nationalized Banks.

The Performance Security will be returned back to the successful supplier on receipt of the Performance Bank Guarantee (or) The 10% Performance Security Deposit may be extended as Performance Bank Guarantee valid for 60 days beyond the date of completion of all contractual obligations of the supplier including warranty period. Vendor should clearly mention their acceptance to this effect in their quote.

Performance Bank Guarantee: Performance Bank Guarantee for 10% of the value of supply should be provided and it should be valid for 60 days beyond the date of completion of all contractual obligations of the supplier including warranty period. Performance Bank Guarantee should be from Nationalised Bank. In case Performance Bank Guarantee is not provided, 90% payment only would be released and balance after 60 days beyond the date of completion of all contractual obligations of the supplier including warranty period. Vendor should clearly mention their acceptance to this effect in their quote.

19. **PAYMENT TERMS:** 80% payment shall be made through irrevocable L/C on presentation and receipt of complete, clear shipping documents, against confirmation from TIFR, Hyderabad and balance 20% of the amount shall be released after successful installation, commissioning and acceptance of the equipment certified by purchaser and on submission of "Performance Bank Guarantee (PBG)" for an amount equivalent to 10% of the Purchase Order Value. The PBG shall be valid for a period of 60 days beyond the date of warranty period. The PBG should be from State Bank of India & Associates (or) any one of the Nationalized Banks.
20. **PAYMENT TERMS FOR INDIGENOUS ITEMS:** 100% payment shall be released after receipt, installation, commissioning and acceptance of the equipment at TIFR Hyderabad.
21. **Pre Inspection Report:** The successful bidder should submit the Pre Inspection Report to TIFR Hyderabad before dispatch of the material (if required).
22. Repair / replacement if required any during the warranty period, necessary customs clearance charges / customs duty charges, freight charges for sending back the repair material to supplier and import freight charges of replacement should be borne by the supplier.
23. For Import cases: No Agency commission will be paid as per Govt. of India rules.
24. All bank charges outside India to supplier's account only.
25. TIFR is exempted from paying of Custom Duty under the notification No.51/96 dated 23.07.1996, Excise Duty under the notification No.10/97 dated 01.03.1997, for all procurements/supply meant exclusively for Educational, scientific and research purpose. Whenever the exemption certificate not honored by the authorities, the applicable duty will have to be paid. Hence Excise & Custom duties, if any, should be shown separately.

TIFR is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for research purpose vide notification no. 45/2017 (CGST) and 45/2017 (IGST) dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

26. **TAXES:** TIFR does not have any exemption/concession on payment of Sales Tax and we are not authorized to issue any Sales Tax Form 'C' & 'D'.

Deduction of Indian Income Tax Deduction at Source: The Deduction of Indian Income Tax Deduction at source (TDS) will be deducted as per IT Act. The taxes at the time of actual utilization of service etc. will be deducted if applicable any.

GST rule will be applicable with effect from 01.07.2017. The applicable TDS /other charges if any as per GST rule will be deducted as per new GST regime.

TIFR-Hyderabad GST NO: 36AAATT3951F2ZG.

27. Bidders, please provide the PAN No., Bank Details, email ID, Contact person details, GST No etc.
- 28. The Supplier shall arrange to ship the ordered materials within the mutually agreed delivery period mentioned in the order unless extended with/without penalty. Please mention the Delivery Period Clearly in the Bid, however effort to be taken to deliver the materials at the earliest.**
- In case of delay in supply on part of the supplier, a penalty @0.5% per week of order value will be charged for delayed period subject to a maximum of 10% order value.
 - If the delay in the shipment of the ordered materials attributable to the supplier exceeds agreed time period from the date of original agreed upon date of shipment and extended with/without penalty, the TIFR-TCIS, Hyderabad shall have the right to cancel the contract / purchase order and recover the liquidated damages from other dues of the party or by legal means. It will also affect the other/future business dealings with such suppliers.
 - The same rate of penalty shall be applicable for late installation of the equipment/instrument also.
29. **COMMENCEMENT OF WARRANTY PERIOD:** The warranty period of an item shall commence from the date of receipt of the item in good working condition and satisfactory installation/commissioning/demonstration at the project site.
30. **ANNUAL MAINTENANCE CHARGES:** The bidder must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period.
31. Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer.
32. The bidder from countries sharing a land border with India would be eligible to any procurement related to goods, services (consultancy and non-consultancy) (or) work only if they are registered as per the applicable notification / rule effective time to time. Bidders should provide the declaration of non-sharing of information's / details / non procurement of goods and services from such countries sharing a land border with India if required.
33. **OBSERVANCE OF LOCAL LAWS:** Wherever applicable (particularly for Local vendors), the vendor / contractor shall comply with all law, statutory rules & regulations etc. The vendor/ contractor shall obtain all necessary permits / approval from the local Governing Body, Police, and other concerned Authorities as may be required under law. The vendor /contractor shall pay all types of taxes, fees, license charges, deposits, duties, tolls, royalty or other charges that may be leviable account of any of the operations connected with the execution of this work/ contract.
34. In case of any interpretational issues arises in this tender, the interpretation/decision of TIFR Hyderabad shall be final and binding on the bidder.

35. It is the responsibility of the vendor to make sure that the system being proposed can be exported to India with TIFR Hyderabad as the end user. All clarificatory documentation must be submitted with the Bid.
36. TIFR TCIS reserves the right to ask for or to provide any clarification, changes after the release of this tender. Any changes or clarifications provided by TIFR-TCIS, Hyderabad may be checked at TIFR-TCIS website: <https://www.tifrh.res.in/index.php/commercial-tenders>

**ADMINISTRATIVE OFFICER
(PURCHASE SECTION)
TIFR, HYDERABAD**

**Financial Bid for Supply, Installation and Commissioning of Spinning Disk
Confocal System with Super Resolution Imaging for TIFR Hyderabad.
(Part - B)**

Annexure - D

TIFR Hyderabad Enquiry No & Date: _____

Due date: _____

Bidder's Quotation Ref No. & Date: _____

Financial Bid (Bidders must quote their rates using this Format)

S.No.	Item Description as per tender	Make/Brand/ Type	Qty.	Rate per unit (Currency)	Basic Cost of main item (In Currency)
A.					
B.	Ex-Works cost (Duly packed Airworthy/Seaworthy of international standard)				
C.	FOB /FCA Cost (Name of Airport_____)				
D.	CIP/CIF Cost (Upto Hyderabad Airport)(all inclusive i.e. Cost of Goods, Packing, Insurance, Inland transportation, freight etc.)				

Note:

1. All the column should be appropriately filled and not left blank.
2. Do not include any other charges, taxes, duties etc. in the Basic Cost of the item.
3. Any accessories, optional items should be shown separately using above format.
4. Use separate sheet for detail description, specification of the item, but prices should be quoted in same format.
5. Prices quoted in Indian Currency should be on F.O.R. basis and mentioned separately using different table format showing all the applicable taxes/Duties like GST, Freight & Transportation charges and installation charges etc.
6. TIFR Hyderabad being educational & research institute, discounted price shall be offered.

Signature of the Bidder

Name, Address contact no _____

& email id of the bidder/ _____

Company with company's Stamp or Seal _____

Date: _____

Place: _____

Financial Bid for Annual Maintenance Contract (AMC) for Spinning Disk Confocal System with Super Resolution Imaging for TIFR Hyderabad.

(Part - B)

Annexure - E

TIFR Hyderabad Enquiry No & Date: _____

Due date: _____

Bidder's Quotation Ref No. & Date: _____

Financial Bid (Bidders must quote their rates using this Format)

Note: The bidder must mention in the quotation, the rate/amount of annual maintenance charges, if we opt for maintenance contract after expiry of the warranty period.

S.No.	AMC (for item Description as per Tender) after Warranty Period	Rate / Year In INR	Tax (%) or Amount in INR	Total Amount in INR
1.	1 st Year			
2.	2 nd Year			
3.	3 rd Year			

Note:

1. All the column should be appropriately filled and not left blank.
2. Do not include any other charges, taxes, duties etc. in the Basic Cost of the item.
3. Prices should be quoted in same format.
4. TIFR Hyderabad being educational & research institute, discounted price shall be offered.

Signature of the Bidder

Name, Address contact no _____

& email id of the bidder/ _____

Company with company's Stamp or Seal _____

Date: _____

Place: _____