


Tender for				
Supply and Installation of CONFOCAL LASER SCANNING MICROSCOPE				
Tender No : BC/ GENL/ DST/ FIST / CONFOCAL LASER SCANNING MICROSCOPE/ 2018 (1)				
Date 5th Feb. 2018				
				
Indian Institute of Science Bengaluru - 560012				
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SECTION 1 – BID SCHEDULE

	Tender No	BC/ GNEL/ DST /FIST/ CONFOCAL LASER SCANNING MICROSCOPE / 2018 (1)
	Tender Date	5th Feb. 2018
	Item Description	CONFOCAL LASER SCANNING MICROSCOPE
	Tender Type	
		Technical Bid (Part-A); Commercial Bid (Part-B)
	Last date & time of submission of Tender:	20th FEB. 2018 AT 5.00 P.M
	Place of Submission:	THE CHAIRMAN, DEPT. OF BIOCHEMISTRY, IISc, BANGALORE - 560 012.
	Opening Date & Time of tender	
	Place of Opening of Tender	DEPARTMENT OF BIOCHEMISTRY, IISc, BANGALORE - 560 012.
	Tender Fees	NIL
	Earnest Money Deposit	NIL
	Any Clarification	The Chairman
		Dept. Of Biochemistry, IISC, BANGALORE - 560 012.
		E-mail: office.bc@iisc.ac.in
		Contact Phone No: 080 22932473

SECTION 2 – ELIGIBILITY CRITERIA		
	Prequalification criteria:	
1	Bidder should have well established own establishment (Enclose Company Registration Certificate)	
2	The vendor should have a good track record of having previously supplied at least ten confocal microscopes in India in the past five years (please furnish the details).	
3	The vendor should have qualified technical service personnel for the equipment based in Bengaluru	
4	The payment will be through a Letter of Credit.	
5	If the goods are found to be defective, they have to be replaced or rectified at the cost of the supplier within 15 days from the date of receipt of written communications from us. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.	
6	The Bidder should not be currently blacklisted by any institution, bank in India and abroad (Self declaration- Annexure-4)	
7	The Bidder should accept tender terms & conditions (Annexure-5)	

SECTION 3 – TERMS AND CONDITIONS

Submission of Tender:

- 1 All documentations in the tender should be in English
- 2 Two bid System
 - (i) Technical bid consisting of all technical details along with commercial terms and conditions; and
 - (ii) Financial bid indicating item-wise price for the items mentioned in the technical bid.
- 3 The SEALED COVER superscripting Tender number / due date & should reach the undersigned on or before due date mentioned in the tender notice. Incase due date happens to be holiday the tender will be accepted and opened on the next working day.
If the quotation cover is not sealed, it will be rejected.

QUOTING OF PRICE(S) : IN MULTI CURRENCY

- 4 All communications are to be addressed to the undersigned only
- 5 The validity period of the quotation should be 90 days.
- 6 G.S.T. & other taxes, levies etc., are to be indicated separately. BIDDER should mention Central and State G.S.T. Registration and PAN in the tender.
- 7 If Price is not quoted in Commercial Bid as provided in Tender document then, IISc Bangalore will reject the Bid.

The purchaser reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to the award of contract, without there by incurring any liability to the effected bidder or bidders or any obligation to inform the affected bidder or bidders.
- 8
- 9 If the foreign bidder is represented by their Indian representatives, the foreign bidder has to submit a certificate about their relationship with the Indian firm.
- 10 Incomplete bids will be summarily rejected.

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:

- a. To accept OR reject lowest tender or any other tender or all the tenders.
- b. To accept any tender in full or in part.
- c. To reject the tender offer not confirming to the tenders terms.

Validity Of The Offer:

90 Days from the date of submission of offer.

Evaluation of Offer:

- 1 The bids will be opened first and evaluated.
- 2 Bidders meeting the required criteria as stated in Section 2 of this document shall only be considered for Commercial Bid. Further, agencies not furnishing the documentary evidence as required will not be considered.
deposited towards performance guarantee in the form of bank guarantee immediately on award of contract.

Purchase Order:

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

Delivery Schedule:

Free delivery and Installation at IISc, Bangalore within 60 days from the date of issue of purchase order.

Penalty:

Timely delivery is the essence of the contract and hence if the completion of work is delayed, liquidated damages at the rate 0.5% of the price of the delayed part, for each week or part whereof shall be levied and recovered subject to maximum of 5% of total purchase order value.

Payment Terms:

The payment will be through a Letter of Credit.

No advance payment shall be made.

Statutory Variation:

Any statutory increase in the taxes and duties subsequent to suppliers offer if it takes place within the original contractual delivery date will be to IISc account subject to the claim being supported by documentary evidence. However, if any decrease takes place the advantage will have to be passed on to IISc.

Disputes and Jurisdiction:

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

General:

- 1 All amendments, time extension, clarifications etc, within the period of submission of the tender, will be uploaded on the IISc website only and will not be published in newspapers. Bidder Should regularly visit the above website to keep themselves updated. No extension in the bid due date/time shall be considered on account of delay in receipt of any document by mail.
- 2 The Bidder should ensure that the necessary facility required for fabricating the tendered products is available in - house. IISc reserves the right to inspect, suppliers factory at any time during the prevalence of the contract and also to inspect each manufactured items before dispatch.
- 3 the bidder may furnish any additional information, which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. It is however, advised not to furnish superfluous information.
- 4 The bidder may visit the site before submission of tender, with prior intimation
- 5 Any information furnished by the bidder found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/taking up of work in IISc Bangalore.

The Chairman**Dept. Of Biochemistry, IISc**

	Tender No: BC/ GENL/ DST /FIST/ CONFOCAL LASER SCANNING MICROSCOPE / 2018 (1)
	Dated: 5th Feb. 2018
	Supply and installation of CONFOCAL LASER SCANNING MICROSCOPE
	Section 4: SPECIFICATIONS OF
	CONFOCAL LASER SCANNING MICROSCOPE
	Indian Institute of Science
	Bangalore - 560 012
	SECTION 4 – TECHNICAL SPECIFICATIONS
	Technical Specifications Details
1	Microscope body: Inverted, motorized, smaller Z step-size, smart touch panel controller. 1 (left/right) port for mounting Camera. It should permit on-site up gradation if required in future.
2	Stage: XY-motorized stage controlled by Joystick. Fine and coarse control of speed. Holders for 35 mm dish, glass slide and multi-well plates. Should accommodate stage top CO2 incubator.
3	Lasers: Minimum 4 solid state lasers. 405 nm, 488 nm, 560 ±10 nm and 640±5 nm wavelength lasers are required. Laser must switch fast in a synchronised manner for conducting photo activation, photo-conversion and FRAP experiments at the particular ROI. There should be allowance for on-site installation for more lasers if required in future.
4	Scanners: Fast scanning with at least 5 fps at 512 X 512, Optical zoom:1X-50X, Scan rotation 360 degree, and region of interest (ROI) scanning mode.
5	Detectors: At least 4 detectors with minimum of 1 high sensitivity (Gasp) detectors. Minimum quantum efficiency - 45%. User must have freedom to select the exact wavelength range they wish to capture at nanometre precision, Transmitted light detector unit to conduct DIC and/or Phase contrast.
6	Objectives: High numerical aperture objectives for Epifluorescence/Confocal imaging in combination with either DIC and/or phase contrast capabilities. 1.25X, 10X, 20X 40X, 60X/63X Oil and 100X Oil.
7	Bright field microscopy: Halogen or LED-based transmitted light source for DIC and/or phase contrast microscopy. Panel Controls: Power On/Off, reset accumulated lamp hours, with various intensity setting. Panel Displays: Accumulated lamp hours.
8	Epifluoresence Filter turret: Motorized filter turret with a minimum of 6 positions. Narrow band pass filters cubes for UV, Blue (EGFP) and Green. Motorized shutter in the fluorescence illumination light path.

9	CCD Camera: HD colour camera optimized for high sensitivity and high resolution. Controlled by the company software. Capable of multichannel time-lapse wide field imaging for fluorescence, DIC and/or phase contrast.
10	Live cell imaging module: Temperature, humidity and CO2 control stage top incubator with built-in digital gas mixer for 100% CO2 gas cylinder. It should come with multiple attachments for standard multiwall Plate, 35mm petri-dish, and chamber slide. Touch panel controller. Filled CO2 cylinder with a compatible regulator should be provided. Desirable: Objective lens heater.
11	Drift compensator: Hardware-based drift compensator for long time-lapse imaging.
12	Acquisition and Analysis: The system should come with software's for regular image acquisition and high-end image analysis like DE convolution, 3D reconstruction, localization analysis,
	volume rendering, movie reconstruction, Z stack, among others. Desirable: License for Imaris or Mesomorph.
13	Resolution: Module to obtain at least 150 nm high-resolution images.
14	Computer: High-performance computer capable of doing all the acquisition and analysis mentioned above with at least 8 GB RAM, at least 1 TB hard disc space,
	DVD drive, and sufficient USB ports. Minimum 30 inch monitor.
15	Offline works station: An off-line computer set-up with all the analysis tools mentioned above (with separate license) should be provided exclusively for analysis.
	Minimum 25 inch monitor.
16	Online UPS: 3 KVA online UPS with at least 20 min back-up.
17	Table: Active anti-vibration table with air compressor.
18	Microscope oil: At least 3 bottles
19	Warranty: Minimum of 2 years of warranty (entire unit including lasers) followed by 3 years of AMC free of cost.
20	Operational support: For minimum of two years by a trained person.

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	Dated: 5th Feb. 2018						
	Supply and Installation of Confocal Laser Scanning Microscope						
	Section 5: Technical Bid						
	Indian Institute of Science						
	Bangalore-560012						
		Annexure-1:					
Bidder details							
The bidder must provide the following mandatory information & attach copies wherever mentioned:							
Details of the Bidders							
No	Description	Particulars					
1	Name of the Bidder						
2	Nature of Bidder						
	(Pvt Ltd or Public Ltd Co/ Partnership firm etc)						
	(Attach attested copy of Certificate of Incorporation/ Partnership Deed)						
3	Registration No/ Trade License,						
	(if any attach copy)						
4	Registered Office Address						
5	Address for Communication						
6	Contract person						
	Name						
	Designation						
7	Telephone No						

8	Email ID						
	Website						
9	PAN No.						
	(attach copy)						
10	GST No.						
	(attach copy)						
11	Service Tax registration No.						
	(attach copy)						
12	Annual Turnover						
	(attach audit reports)						
	2016-17						
	2013-14						
13	Earnest Money Deposit Details	Demand Draft No.					
		Name Of The Bank					
		Date					
14	Tender Cost	Demand Draft No.					
		Name Of The Bank					
		Date					
(Signature of the Bidder)							
Printed Name							
Designation, Seal							

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	Annexure-3:					
Declaration Regarding Experience						
To,						
The Assistant Registrar						
Purchase Section						
Indian Institute of Science						
Bangalore-560012						
Ref:	Tender	Dated:				
	No:					
Supply and installation of Confocal Scanning Microscope						
Sir,						
I've carefully gone through the Terms & Conditions contained in the above referred tender. I						
hereby declare that my company / firm has more than five years of experience in fabricating,						
supplying and installing modular furniture to Central/State Govt. Departments/ PSUs/Banks/						
reputed establishments.						
Yours faithfully						
(Signature of the Bidder)						
Printed Name						
Designation, Seal		Date :				

	Annexure-4:					
Declaration Regarding Clean Track by Bidder						
To,						
The Assistant Registrar						
Purchase Section						
Indian Institute of Science						
Bangalore-560012						
Ref:	Tender No:	Dated:				
Supply and installation of Confocal Laser Scanning Microscope						
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 / black listed 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						

No	Country in which the company is debarred /blacklisted / case is pending	Black listed / debarred by Government / Semi Government/Organizations/Institutions	Reason	Since when and for how long		
(NOTE: In case the company / firm was blacklisted previously, please provide the details regarding Period for which the company / firm was blacklisted and the reason/s for the same)						
Yours faithfully						
(Signature of the Bidder)						
Printed Name						
Designation, Seal		Date :				
Annexure – 5:						
Declaration for Acceptance Of Terms And Conditions						
To,						
The Assistant Registrar						
Purchase Section						
Indian Institute of Science						
Bangalore-560012						
Ref:	Tender No:	Dated:				

Supply and installation of Confocal Laser Scanning Microscope						
Sir,						
I've carefully gone through the Terms & Conditions as mentioned in the above referred RFP						
document. I declare that all the provisions of this RFP 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)						
Printed Name						
Designation,Seal		Date :				

Details of Items Quoted

Technical Bid

[illegible]

[illegible]

SECTION 7 – CHECK LIST

	(This sheet should also be enclosed)		
	The following items must be checked before the Bid is submitted:		
1	Technical Bid		
a	MSME certificate		
b	Section 5	Technical Bid (each pages duly sealed and signed by the authorized signatory)	
	Annexure 1:	Bidders details	
	Annexure 2:	Details of purchase orders	
	Annexure 3:	Declaration regarding experience	
	Annexure 4:	Declaration regarding clean track	
	Annexure 5:	Declaration for acceptance of tender terms and conditions	

e)	Copy of this tender document duly sealed and signed by the authorized signatory on every page.		
f)	Checklist		
2	Commercial Bid		
	Section 6:	Commercial Bid:	
	Your quotation must be submitted in a sealed envelope with both		
		Technical Bid and Commercial Bid	
		Super scribing the Tender No. and Due Date.	