

Ref: INS/L-5605/2020-2021(Y)

Date : 12/02/2021

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Inverted LCD Screen Fluorescence Microscope (Specifications Attached)		1.00	No.

Note: 2 PART TENDER: The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed to "**THE HEAD-PURCHASE**". The bids are liable to be rejected if the sealed envelope is not addressed to "**THE HEAD-PURCHASE**" with Tender Ref No and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail , it should reach by submission Date and Time and inStem will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS

18/02/2021

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The Validity of your quotation should be for 60 days from the date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & Warranty period.

7. Delivery to be made to our Stores. Please indicate charges, if any extra. Transit Insurance should be done upto inStem Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, Please state so and then offer alternative to quality/Specifications.

9. Payment Term: 97% against supply; balance 3% on Installation subject to receipt of PBG for 3% Order Value.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs Duty (Except ad valorem duty of 5% + 2% cess and CVD @4% vide Notification No.51/96 with latest amendments) and excise duty vide Notification No.10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices taking this option into consideration.



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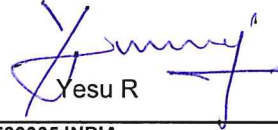
Date : 12/02/2021

12.If the item is covered under DGS&D rate contract,please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13.Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees.The decision of the arbitrator shall be final and binding on the parties.The venue for arbitration shall be Bangalore.The provisions of the Arbitration and Concillation Act,1996 as amended from time to time shall apply.The Courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

Yours faithfully

For and on behalf of Institute For Stem Cell
Science and Regenerative Medicine



Yesu R

GKVK, Bellary Road, Bangalore-560065,INDIA

Phone No. : 91-80-23666341/344/345/346

Fax : 91-80-23636662

Email Id: purchase@ncbs.res.in

Website : www.ncbs.res.in



2 PART TENDER FOR Inverted LCD Screen Fluorescence Microscope - Qty 01 No.

Ref No: INS/L-5605/2020-2021(Y)

Tender Specifications:

Specifications for Inverted LCD Screen Fluorescence Microscope
1. The System must be Infinit corrected optical system with Royal Microscopical Society (RMS) threaded objectives with a 45 mm parfocal distance supporting fluorescence, brightfield, color brightfield, and phase contrast imaging modes.
2. System must be a compact integrated unit including: microscope, digital cameras, computer, high power fluorescence lighting system for Neurobiology, Immuno-oncology, Live-cell imaging, 3D cell imaging (e.g., organoids, spheroids), Immunohistochemistry (IHC) applications etc.,
3. The instrument should have Illumination through five-position chamber for 4 fluorescence illuminators plus brightfield imaging; light illuminators with integrated hard-coated filter set and LED light source with >50,000-hour life; broad selection of standard and specialty LED illuminators.
4. Imaging methods by Single color, multicolor, time lapse, Z-stacking, movie capture.
5. Condenser - 60 mm LWD condenser; 4-position turret with a clear aperture and 3 phase annuli.
6. System must include mechanical X/Y stage; travel range 120 mm x 80 mm with sub micron resolution, drop in inserts to receive vessel holders and lockdown holders to fix sample in place. Interchangeable vessel holders to accommodate most vessel types and sizes, including slides, multi-well plates, culture flasks, and Petri dishes, and afford precise control and sample alignment by the stage.
7. The system must have automated focus mechanism with sub micron (0.150 um) resolution (single step accuracy) and mechanical focus wheel with single knob for coarse and fine focus.
8. System must include 5 position objective turret with front mounted control.
9. Fluorescence LED illuminators must be single, interchangeable cubes that can be easily removed, installed and automatically recognized by the instrument software and adjust the configuration accordingly. The LED illuminators must have independent intensity control
10. The system must include an integrated high-sensitivity 3.2 MP or better (2,048 x 1,536) monochrome CMOS sensor with 3.45 µm pixel resolution.
11. The system must provide a 1-click RGB channel overlay and also able to sequentially acquire a phase contrast image and a fluorescence image with a single mouse click, then overlay them automatically.
12. The system should allow user to review, measure, and annotate captured images and count cells in fluorescence mode post-acquisition.
13. The system should allow to perform Stem cell colony dissection with the fluorescence channels.
14. The system should be compatible with the onstage Incubator for precise control of temperature, humidity, and gases for normoxic or hypoxic conditions allows a wide range of biological studies under physiological conditions.
15. The system must include Wizard based software and include downloadable software updates from time to time at no additional cost.
16. The system with small foot print with Dimensions (L x W x H) - 18 x 23 x 18 inches preferable and should be capable to fit in a 4ft by 4ft Biosafety cabinet.
17. The System should have networking capability connection through Windows/SMB network via an Ethernet cable connection and USB 3.0 Wi-Fi dongle.
18. System must provide the following output file formats: 16 bit monochrome TIFF or PNG (12 bit dynamic range); 8 bit color TIFF, PNG JPG and BMP.
19. System should have following output ports : Power, 4 USB 2.0 ports, 1 USB 3.0 port, 1 Display Port, 1 RJ45 network jack.
20. System should include LCD Display mounted microscope - 18.5" articulated LCD color monitor with 1920x1080 pixel resolution.
21. The system should be supplied with computer configuration Embedded PC with 4 GB RAM. With 10GB SSD and 16GB USB 3.0 memory stick.
22. Phase Objectives 10X, 20X, 40X should be included in main offer and optionally 4X, 60X should be quoted
23. Light cubes Dapi,GFP, RFP should include in the main offer.
24. Any other accessories required for the microscope functioning and image aquisition must be included.
25. Warranty 3 years and Training support.

Terms and Conditions:

1. The Technical and Financial / Price Bids shall be submitted simultaneously in two (2) cover (sealed) system. The proposals shall be evaluated in two stages: (1) Technical and (2) Price / Financial. Technical evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial Proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.
2. **first sealed cover – Cover I**, and super scribed as **“Techno-commercial Bid”** and should contain Complete Technical details of the Instrument offered (Specifications, Technical Parameters, Advantages, etc.,)
3. The **second sealed cover – Cover II** super scribed **'Price Bid'** should contain **only rates** (should be duly signed with seal and filled with date wherever necessary)
4. THESE TWO COVERS SHALL BE AGAIN PUT INTO A SINGLE WAX SEALED COVER super scribed **“Inverted LCD Screen Fluorescence Microscope.”** and should reach **INSTEM on or before 18/02/2021 before 5.30 P.M**”. This should be addressed to the Purchase Officer, inStem, NCBS campus, GKVK Post, Bellary Road, Bangalore – 65.
5. The tender to be quoted in foreign currencies & any other currencies approved/traded by RBI-USD/Euro/JPY/GBP/SGD/CAD/INR.
6. If the items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.
7. **Original Equipment Manufacturer or Authorised Dealers should provide Authorized Distribution Certificate along with the Quotation.**
8. **Kindly mention GEM Supplier ID on the Quotation.**
9. **Payment Term: 97% against supply; balance 3% on Installation subject to receipt of PBG for 3% Order Value.**



INFORMATION TO TENDERERS

The Tender shall be evaluated under 2 (Two) Bid System

I Technical Bid

II Financial Bid

TECHNICAL SPECIFICATIONS & EVALUATION CRITERIA WITH MARKS FOR 2 PART TENDER FOR “Inverted LCD Screen Fluorescence Microscope -Qty 01 No.

Tender Specifications	Score
1. The System must be Inifit corrected optical system with Royal Microscopical Society (RMS) threaded objectives with a 45 mm parfocal distance supporting fluorescence, brightfield, color brightfield, and phase contrast imaging modes.	10
2. System must be a compact integrated unit including: microscope, digital cameras, computer, high power fluorescence lighting system for Neurobiology, Immuno-oncology, Live-cell imaging, 3D cell imaging (e.g., organoids, spheroids), Immunohistochemistry (IHC) applications etc.,	
3. The instrument should have Illumination through five-position chamber for 4 fluorescence illuminators plus brightfield imaging; light illuminators with integrated hard-coated filter set and LED light source with >50,000-hour life; broad selection of standard and specialty LED illuminators.	15
4. Imaging methods by Single color, multicolor, time lapse, Z-stacking, movie capture.	5
5. Condenser - 60 mm LWD condenser; 4-position turret with a clear aperture and 3 phase annuli.	
6. System must include mechanical X/Y stage; travel range 120 mm x 80 mm with sub micron resolution, drop in inserts to receive vessel holders and lockdown holders to fix sample in place. Interchangeable vessel holders to accommodate most vessel types and sizes, including slides, multi-well plates, culture flasks, and Petri dishes, and afford precise control and sample alignment by the stage.	
7. The system must have automated focus mechanism with sub micron (0.150 um) resolution (single step accuracy) and mechanical focus wheel with single knob for coarse and fine focus.	
8. System must include 5 position objective turret with front mounted control.	
9. Fluorescence LED illuminators must be single, interchangeable cubes that can be easily removed, installed and automatically recognized by the instrument software and adjust the configuration accordingly. The LED illuminators must have independent intensity control	10
10. The system must include an integrated high-sensitivity 3.2 MP or better (2,048 x 1,536) monochrome CMOS sensor with 3.45 µm pixel resolution.	5
11. The system must provide a 1-click RGB channel overlay and also able to sequentially acquire a phase contrast image and a fluorescence image with a single mouse click, then overlay them automatically.	10
12. The system should allow user to review, measure, and annotate captured images and count cells in fluorescence mode post-acquisition.	
13. The system should allow to perform Stem cell colony dissection with the fluorescence channels.	10
14. The system should be compatible with the onstage Incubator for precise control of temperature, humidity, and gases for normoxic or hypoxic conditions allows a wide range of biological studies under physiological conditions.	
15. The system must include Wizard based software and include downloadable software updates from time to time at no additional cost.	
16. The system with small foot print with Dimensions (L x W x H) - 18 x 23 x 18 inches preferable and should be capable to fit in a 4ft by 4ft Biosafety cabinet.	10
17. The System should have networking capability connection through Windows/SMB network via an Ethernet cable connection and USB 3.0 Wi-Fi dongle.	5
18. System must provide the following output file formats: 16 bit monochrome TIFF or PNG (12 bit dynamic range); 8 bit color TIFF, PNG JPG and BMP.	
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20. System should include LCD Display mounted microscope - 18.5" articulated LCD color monitor with 1920x1080 pixel resolution.	10
21. The system should be supplied with computer configuration Embedded PC with 4 GB RAM. With 10GB SSD and 16GB USB 3.0 memory stick.	10
22. Phase Objectives 10X, 20X, 40X should be included in main offer and optionally 4X, 60X should be quoted	
23. Light cubes Dapi, GFP, RFP should include in the main offer.	





24. Any other accessories required for the microscope functioning and image aquisition must be included.	
25. Warranty 3 years and Training support.	
Total	100
Evaluation will be carried out and those Vendors who score minimum 75% will qualify for Price Bid opening. Thereafter, Financial proposal shall be evaluated. The Commercially LOWEST BIDDER shall be the first preferred Vendor for award of Order.	



Annexure – 1

Bid Security Declaration
(to be submitted on Company's Letter Head)

I/We the undersigned hereby declare that if we withdraw or modify the bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document or fail to execute the contract, we will be suspended for the period of time specified in the request for bids document from being eligible to submit bids for contracts with the entity that invited the bids.

Name and Signature
of Authorized Signatory
and Company Seal

Annexure – 2

Certificate for Local Content

“We (name of manufacturer) hereby confirm in respect of quoted item(s) that Local Content is equal to or more than 50% and come under “Class-I Local Supplier” Category. As being “Class – I Local Supplier”, we are eligible for Purchase Preference under “Make in India” Policy vide GOI Order No.P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020).

OR

“We (name of manufacturer) hereby confirm in respect of quoted item(s) that Local Content is more than 20% but less than 50% and come under “Class-II Local Supplier” Category.

The details of the location (s) at which the local value addition made is/are as under:

- 1.
- 2.
- 3.

*Strike out whichever is not applicable

Date:

Seal & Signature of the Bidder