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**Tender Details**

General Details

Tender Number	MU/MG-BIO/DST-SERB/EQUIP/2022-23/IND-835/CALL-3
Tender Title	Providing, Supplying and Installing of Fluorescent Microscope equipment to Department of Studies in Biochemistry, University of Mysore, Manasagangotri, Mysuru-6
Description	Providing, Supplying and Installing of Fluorescent Microscope equipment to Department of Studies in Biochemistry, University of Mysore, Manasagangotri, Mysuru-6 under DST-SERB Project.
Type of Procurement Entity	GOVT_DEPT
Tender Category	GOODS
Type of Quotation	ITEM_WISE
Tender Evaluation Type	TWO_COVER
Department	Mysore University
Bid Validity Period	90
No Of Calls	3

Tender Type OPEN

Highest Bidder Selection NO

General Conditions for Eligible Tenderers

**SI No****Conditions**

- 1 Tenderers should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the Purchaser to provide consulting services for the preparation of the design, specifications, and other documents to be used for the procurement of the goods to be purchased under this Invitation of Tenders.**
- 2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by any State Government / Government of India / Union Territory.**
- 3 It shall be the responsibility of the Bidder to ensure credit of Tender Processing Fee and EMD into the respective receiving bank accounts of e-Procurement on or before the last date and time of bid submission.**
- 4 The bidder is required to ensure browser compatibility of the computer well in advance to the last date and time for receipt of tenders. The departments shall not be responsible for non-accessibility of e-Procurement portal due to internet connectivity issues and technical glitches at bidder's end.**
- 5 EMD Payments through e-Payment mode shall be made as one single transaction and payments made in part are liable for rejection.**
- 6 The EMD & Tender processing fee shall be paid through e-procurement portal only using any of the four modes.  
1) Credit Card.  
2) Direct debit using Internet banking  
3) NEFT( National electronic fund transfer  
4) OTC (Over the counter using bank challan)**

7

SI No	Conditions
	<b>Tenders from Joint ventures are not acceptable.</b>
8	<b>Conditional tenders will not be accepted.</b>
9	<b>The tenderer shall bear all costs associated with the preparation and submission of his tender, and the employer will in no case be responsible and liable for those costs</b>
10	<b>The cost of the Tender Processing shall not be refundable.</b>
11	<b>The employer is not responsible for any delay in accessing E - Procurement Portal.</b>
12	<b>Bank Guarantee will not be acceptable for EMD. EMD should be paid as specified in the e-procurement schedule.</b>
13	<b>The Tenderers need to register with e-procurement portal and to obtain user ID and Password for participating in e-procurement.</b>
14	

- | SI No | Conditions   |
|-------|--|
|       | <b>The vender should upload the relevant product literature/brochure containing the details of the specification for the equipment/model quoted.</b>   |
| 15    | <b>For more details regarding registration in e-procurement Cell please contact e-procurement helpdesk Ph: +91-8046010000 +91-8068948777 support@eproc.karnataka.gov.in from 9.00 a.m. to 9.00 p.m. on all working days.</b> |
| 16    | <b>Interested tenderers can get the information through the following email address<br/><a href="https://www.eproc.karnataka.gov.in">https://www.eproc.karnataka.gov.in</a></b>  |
| 17    | <b>The University of Mysore does not bind itself to accept the lowest bidder and this university reserves the right to accept or reject any of the Tender or all the Tenderers without assigning the reasons.</b>            |
| 18    | <b>Bidders should upload the Compatibility for specification separately in the specification compliance sheet which is uploaded separately for which he/she is bidding.</b>  |
| 19    | <b>Bidders should abide by other terms &amp; conditions as prescribed in K/G-2 standard tender document.</b>   |
| 20    | <b>The authority reserves the rights to accept or Reject any or all the tenders without assigning any reasons.</b>   |
| 21    |  |

SI No	Conditions
<b>IMP: FINANCIAL BID WILL BE OPENED AFTER COMPLETE EVALUATION OF THE TECHNICAL BID</b>	
22	<b>The EMD and Security Deposit are liable to be forfeited as liquidated damages in the event of any evasion, refusal or delay on his/her part in signing the contract form.</b>
23	<b>The quoted price should be inclusive of all types of taxes (GST, service tax, VAT, sales tax), clearance charges, transportation, erection(commission), excise duty, custom duty etc., &amp; all incidental charges F.O.R Mysore-570006, KARNATAKA STATE, INDIA.</b>
24	<b>Tenderer must quote the final consolidated cost of the items inclusive of all taxes if any and also Installation charges.</b>
25	<b>Bidders should provide MAF (Manufactures Authorization Form)</b>
26	<b>Bidders should abide by other terms &amp; conditions as prescribed in K/G-2 standard tender document of Government of Karnataka.</b>
27	<b>All products should meet Industry standard specification.</b>
28	

SI No	Conditions
	<b>The vender should upload the relevant product literature/brochure containing the details of the specification for the equipment/model quoted.</b>
29	<b>Performance Security: 31.1 Within 21 days of the receipt of notification of award from the Purchaser, the successful Tenderer shall furnish the performance security in accordance with the Conditions of Contract, in the Performance Security Form provided in the tender documents or in another form acceptable to the Purchaser.</b>
30	<b>Liquidated Damages: 22.1 Subject to GCC Clause 24, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to 0.5% of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price.. Once the maximum is reached, the Purchaser may consider termination of the Contract pursuant to GCC Clause 23.</b>
31	<b>Performance Security: 6.1 Within 21 days of receipt of the notification of contract award, the Supplier shall furnish Performance Security to the Purchaser for an amount of 5% of the Contract Value, valid up to 60 days after the date of completion of performance obligations including Warranty obligations. In the event of any correction of defects or replacement of defective material during the Warranty period, the Warranty for the corrected/replaced material shall be extended to a further period of 12 months and the Performance Bank Guarantee for proportionate value shall be extended 60 days over and above the initial Warranty period.</b>
32	<b>Warranty: 14.1 The Supplier warrants that the Goods supplied under this Contract are new, unused, of the most recent or current models and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.</b>
33	<b>Spare Parts: 13.1 As specified in the SCC, the Supplier may be required to provide any or all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:</b> <b>(a) such spare parts as the Purchaser may elect to purchase from the Supplier, providing that this election shall not relieve the Supplier of any warranty obligations under the Contract; and</b> <b>(b) In the event of termination of production of the spare parts:</b> <b>(i) advance notification to the Purchaser of the pending termination, in sufficient time to permit the Purchaser to procure needed</b>
34	<b>For any clarification regarding tender item bidders may contact Prof.K.Kemparaju, Principal Investigator, DST-SERB Project, Department of Studies in Bio-Chemistry, University of Mysore, Manasagangotri, Mysuru 570 006 Contact No. 0821-2419622 during Office Hours.</b>




SI No	Criterion	Criterion Type	Criterion Documents
1	<b>Bidder should upload the Compatibility for the tender Specifications &amp; Clarification for the deviations</b>	Capabilities of Vendor	
2	<b>Bidder should have Quality System Standard GST Registration (Bidder must to upload the relevant document).</b>	Capabilities of Vendor	
3	<b>The vender should upload the relevant product literature/brochure containing the details of the specification for the equipment/model quoted.</b>	Capabilities of Vendor	
4	<b>Self declaration stating the firm is not black listed with any Government / Quasi Government Organizations and will not supply Refurbished equipment's on Notarized Rs.100/- Non Judicial e-stamp paper.</b>	Capabilities of Vendor	
5	<b>Bidder should provide Authorized Agency certificate MAF from principle manufacturer</b>	Capabilities of Vendor	

## Document/Evidence Required from the Bidder

SI No	Document Name	DocumentType	Optional
1	<b>Latest Company Registration Certificate which should be valid till date</b>	TECHNICAL_BID	No
2	<b>Annual turnover Certificate for last three years with P &amp; L Account: It should be certified by Chartered Accountant.</b>	TECHNICAL_BID	No
3	<b>Similar Work done Certificates</b>	TECHNICAL_BID	No
4	<b>GST registration certificate and it should be valid till date</b>	TECHNICAL_BID	No
5	<b>VAT, PAN, TIN/ TAN No. Details</b>	TECHNICAL_BID	No

SI No	Document Name	DocumentType	Optional
6	Income Tax details of last three years.	TECHNICAL_BID	No
7	Copy of Manufacturer Certificate, if Tenderer is a manufacturer.	TECHNICAL_BID	No
8	Authorized Agency Certificate (MAF) from Principal Manufacturer.	TECHNICAL_BID	No
9	Bidder should upload the Compatibility for the tender Specifications & Clarification for the deviations	TECHNICAL_BID	No
10	List of Supplies/Installations of similar nature.	TECHNICAL_BID	No
11	Self declaration stating the firm is not black listed with any Govt/Quasi Govt. Organizations in Rs.100/-Non Judicial e-Stamp Paper of Government of Karnataka.	TECHNICAL_BID	No
12	Other relevant documents as per the tender document.	TECHNICAL_BID	No
13	Complete contact details with Communication address and Mobile Number.	TECHNICAL_BID	No
14	Check list of all the documents.	TECHNICAL_BID	No

## Bill Of Quantity

SI No	Group Name	No of Items	Items		
1	Default Group.	1			
SI No	Item Code	Item Name	Item Description	Unit	Quantity
1	MG-Bio-DST-SERB-1	FLUORESCENT MICROSCOPE	SPECIFICATION: FLUORESCENT MICROSCOPE: DETAILED TECHNICAL SPECIFICATION IS UPLOADED SEPARATELY.	Nos	1

## Delivery Schedules

View delivery schedules:



## Contact Information

Contact Person Name : Prof.K.Kemparaju, DoS in Biochemistry, University of Mysore, Mysuru

Office Telephone Number : 91-821-2419622

Mobile Number : 821-2419624

## Tender Amount Details

Amount of Earnest Money Deposit (INR)	27500
Tender Processing Fee	550



## Tender Schedule / Dates

NIT Published Date	08/02/2023 12:17:00
Last Date & Time for Tender Queries/Clarifications	21/02/2023 12:00:00
Last Date & Time for receipt of tenders	24/02/2023 17:30:00
Date & Time for Opening of Technical Bid	27/02/2023 10:00:00

Refer Karnataka  
Transparency in Public  
Procurement Rules Chapter  
V, Rule 17 for Minimum Time  
for Submission of Tenders

## Tender Published User Details

Tender Published User Name	REG -Smt. V.R Shylaja REGISTRAR
Tender Published User Login	mu_reg
Public Key	CN=SHYLAJA V R, O=UNIVERSITY OF MYSORE, OU=UNIVERSITY OF MYSORE, SERIALNUMBER=5b16b6927cea99558f9409cb5b683594a91318acd6f4a640becaca8c7834cb51, OID.2.5.4.65=48c56ac827a4a1a85b194acee6b42f82, STREET=MYSORE, OID.2.5.4.17=570005, OID.2.5.4.20=cce442f8e99513a7636de456b4307b2a36530e945e41d9d9ff1157198bae8f02, ST=Karnataka, C=IN
Issuer	CN=Verasys Sub CA 2022, OID.2.5.4.51="Office No. 21, 2nd Floor, Bhavna Building", STREET=V.S. Marg, ST=Maharashtra, OID.2.5.4.17=400025, OU=Certifying Authority, O=Verasys Technologies Pvt Ltd., C=IN

[Back](#)

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## Technical Specification for Fluorescent microscope

The Research Trinocular Upright Microscope should come with bright field, phase contrast and reflected fluorescence attachments and the microscope should also be onsite upgradable to Differential Interference contrast (DIC) application and also should be onsite upgradable to Eight position Fluorescence turret-based fluorescence in future

**Microscope Frame:** Microscope Frame with infinity corrected optical system. Built-in Koehler illumination for bright transmitted light, high colour reproductivity having **14W LED** transmitted light source. 50,000 hrs bulb life time for transmitted LED. Vertical stage movement: 25 mm stage stroke with coarse adjustment limit stopper, torque adjustment for coarse adjustment knobs, stage mounting position variable, high sensitivity fine focusing knob (minimum adjustment gradations: 1  $\mu$ m). Interchangeable reversed sextuple nosepiece.

**Head:** Trinocular Tube (F.N 22) with three position prism for light path selection for 100% observation, 20% - 80% Camera Port - observation, 100% Camera Port. C-mount adapter, dust cover.

**Stage:** Ceramic coated X-Y mechanical stage with right hand low drive control and two specimen holders. Stage Handle Extension adapter to be provided for ergonomony.

**Condenser:** Turret type condenser for Brightfield, Phase contrast, darkfield (NA 1.1), [phase contrast: for 10X-100X, darkfield: for 10X-40X (up to NA 0.80)].

### **Objectives:**

Plan Achromat phase contrast objective 10X (N.A 0.25), Plan Achromat phase contrast objective 20X (N.A 0.4), Plan Achromat phase contrast objective 40X (N.A 0.65) and Plan Semi Apochromat (Fluorite) phase contrast oil immersion objective 100X (N.A 1.30)

### **LED Fluorescence Attachment:**

LED Fluorescence reflected light illumination with Blue, Green and UV LED excitation, **Blue filter** (EX475/30nm, Em530/40nm, DM505nm), **Green filter** (EX530/40nm EM575nmLP, DM570nm), **Yellow** (EX560/40nm, EM610nmLP, DM 600nm), **UV filter** (EX355/50nm, EM420nmLP, DM410nm). The attachment should have a compact design containing light source and filters in one unit. Instant on-off option with no need waiting for pre-heating or cooling, should come with a digital screen showing light intensity range of 0~100%


### **Camera:**

Camera suitable for Brightfield and Fluorescence Imaging, 2.0 Mega Pixel CMOS Camera with IMX 385(C) sensor, Resolution: 1920 X 1080, suitable for Fluorescence & Bright Field Imaging, pixel size 3.75 X 3.75  $\mu$ m, Binning 1X1, 2X2 with USB 3 port for faster data transfer, comes with a software for point to Point measurement, auto white balance, auto exposure option, optical Port : C-Mount compatible with Windows 10 (32/ 64 bit).

### **Software:**

Imaging Software should have features like white balance: ROI white balance/ Manual Temp-Tint adjustment, Image Processing and Enhancement, Image calibration, Measurement, particle counting, the count result can be exported to Microsoft excel for further analysis, Image control, adjust and capture functions includes time lapse capture etc.

**(Warranty; 3 years for microscope and installation accessories)**

  
**Dr. K. KEMPARAJU. M.Sc., M.D**  
Professor  
Dept. of Studies in Biochemistry  
University of Mysore  
Mysore - 570 006, INDIA