	<p>Central Pollution Control Board Regional Directorate (South), A block, Nisarga Bhawan, I and II Floors, 7th D cross, Thimmaiah Road, Shivanagar, Bengaluru-560079. Tel: 08023233739, 23233827, Fax:080-23234059 Email: cpcbso@yahoo.com & zobangalore.cpcb@nic.in</p>
---	---

Ref :CPCB/RLB/BS/QT/MIC/18-19/ 2009

6 / 02 / 2019

Sub: Tender for supply of Trinocular Research Microscope

Dear Sir/Madam,

1. The Regional Director (South), Central Pollution Control Board (CPCB), invites the Online tender in single stage two bid system for the supply of **Trinocular Research Microscope** along with all its accessories at Regional Laboratory, Central Pollution Control Board (CPCB), Regional Directorate (South), Bengaluru located at 'A' block, Nisarga Bhavan, 2nd Floor, 7th D Cross, Thimmaiah Road, Shivanagar, Bengaluru 560079.
2. The tender document could be downloaded from CPCB website www.cpcb.nic.in. or Central Public Procurement Portal (CPPP) website.<https://eprocure.gov.in/eprocure/app> The tender document shall not be tampered /modified including downloaded financial bid template in any manner. In case if the same is found to be tampered /modified in any manner, tender will be rejected summarily.
3. Bids along with the copies of PAN & GST registration shall be submitted through online at CPCB website www.cpcb.nic.in. or Central Public Procurement Portal (CPPP) website.<https://eprocure.gov.in/eprocure/app> Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. Not more than one tender shall be submitted by one tenderer in any case.
4. Intending Tenderers are advised to visit regularly CPCB website www.cpcb.nic.in or Central Public Procurement Portal (CPPP) website.<https://eprocure.gov.in/eprocure/app> till closing date of submission for any corrigendum/addendum/amendment.
5. The schedule of the tender process is given below

S.No	CDS- Details of Schedule	DD	MM	YY	Hr	Min
1.	Published Date	06	02	2019	15	00
2.	Bid Documents Down Load Starting Date	06	02	2019	15	00

Amr

3.	Bid Documents Submission Starting Date	06	02	2019	15	00
4.	Bid Documents Submission Ending Date	25	02	2019	18	00
5.	Bid Opening Date	27	02	2019	11	00
6.	Bid opening Address	Central Pollution Control Board Regional Directorate (South) A block, Nisarga Bhawan I and II Floors, 7th D cross Thimmaiah Road Shivanagar, Bengaluru-560079				

7. The Tender shall be submitted in two parts, viz, **Technical Bid and Financial Bid**. The detailed technical specification of **Trinocular Research Microscope** along with all its accessories are given in Annexure-I. Technical Bid shall be submitted as per Annexure-II and Financial Bid as per Annexure III. All the pages of Technical Specifications, supporting documents & Brochures must be signed and sequentially numbered by the bidder irrespective of nature of contents of the documents before uploading. The offers submitted by Fax/email or any other mode shall not be considered.
8. The Tenderer shall also submit Hard copies of same documents (Technical bid which have been uploaded in the e-portal) to this office before the last date of submission as mentioned in the schedule of tender process. However, the document submitted through online is final.
9. The minimum validity of tender is six months (180 days) from the date of opening of the financial bid
10. The instrument/equipment shall be delivered alongwith the Invoice in original at this office within 15 days from the date of issue of Supply Order along with duly filled in **PFMS** form for the release of payment
11. The payment shall be released after the timely delivery, demo and satisfactory performance of the instrument/equipment.
12. Applicable Income Tax and other taxes as applicable shall be deducted at source
13. For any technical clarification Smt **B.S.Anupama, Sc 'C' (Mob: 9880027983)** may be contacted for further information.
14. It may be noted that mere quoting the lowest rates will not entitle any tenderer to get the confirmation of Supply Order
15. In the event of any dispute, the decision of the Chairman, Central Pollution Control Board shall be final and binding upon both the parties.

Anu

16. The Chairman, Central Pollution Control Board reserves the right to cancel any or all the tenders without assigning any reasons thereof.

17. Typographical & Clerical errors are subject to correction.

Yours faithfully




(S.Suresh)
Regional Director

Encl: 1. Annexure-1 mentioning Technical Specifications (Page No 4)
2. Annexure-II, Technical Bid document
3. Annexure-III, Financial Bid document

Copy to:

1. Notice Board, CPCB, RD(S), Bengaluru - 560079
2. Incharge and AD, IT Division, CPCB, Delhi - with a kind request to upload the document in CPCB website and cPPP portal, pl.



	<p>Central Pollution Control Board Regional Directorate (South), A block, Nisarga Bhawan, I and II Floors, 7th D cross, Thimmaiah Road, Shivanagar, Bengaluru-560079. Tel: 08023233739, 23233827, Fax:080-23234059 Email: cpcbszo@yahoo.com & zobangalore.cpcb@nic.in</p>
---	---

Scope of work: Supply of Trinocular Research Microscope along with all accessories

Specification for Trinocular Research Microscope		
1.	Microscope Binocular tube and source of illumination	<ul style="list-style-type: none"> a. 30° inclined ergonomic Binocular tube, sidentopf design, suitable for eyepieces upto field of view 18-20mm or more b. Microscope should have Halogen illumination of minimum 6v, 30W or more and LED having long life of more than 20,000 Hr. c. Intensity level display by means of a 5-element Display on both sides of the stand via live blue LEDs. d. Set of Color filters containing blue, green and yellow as per the WHO or equivalent Standards. e. Microscope should be upgradable for LED fluorescence.
2.	Eyepieces	<ul style="list-style-type: none"> a. Eyepieces with 10x magnification, field of view 20mm suitable even for spectacle wearers. Focusable eyepieces are with ± 5 diopter adjustment. b. Quadruple reverse nosepiece tilted backwards with precision click stops for easy rotation. c. Eyepiece tubes can be swiveled either way for comfortable viewing angle of the operator.
3.	Condensor	ABBE Condenser with aspherical lens and iris diaphragm, N.A. 0.9/1.25 for use with objectives 4x to 100x.
4.	Objectives	High contrast Plan-achromatic objectives 4x,10x,40x and 100x. 40x and 100x front optics are spring loaded.
5.	Microscopic Camera	<ul style="list-style-type: none"> a. Microscopic camera of minimum 5MP or more with Wifi and LAN connectivity features and & can work as a stand alone system without connecting to computer. b. Camera & microscope should be from same manufacturer
6.	Software	Software should consists of features for basic measurement, stacking and stitching features either manually/automatic.
7.	Desktop	Suitable Desktop computer should be provided for image analysis.
8.	Accessories	All accessories, connectors, screws and tools are to be supplied adequately.



Technical Bid Submission Form for Trinocular Research Microscope

S. No.	Items	Specification / Description of items	*Statement of Compliance
1	Microscope Binocular tube and source of illumination	<ul style="list-style-type: none"> a. 30° inclined ergonomic Binocular tube, sidentopf design, suitable for eyepieces upto field of view 18-20mm or more b. Microscope should have Halogen illumination of minimum 6v, 30W or more and LED having long life of more than 20,000 Hr. c. Intensity level display by means of a 5-element Display on both sides of the stand via live blue LEDs. d. Set of Color filters containing blue, green and yellow as per the WHO or equivalent Standards. e. Microscope should be upgradable for LED fluorescence 	
2.	Eye piece	<ul style="list-style-type: none"> a. Eyepieces with 10x magnification, field of view 20mm suitable even for spectacle wearers. Focusable eyepieces are with ± 5 diopter adjustment. b. Quadruple reverse nosepiece tilted backwards with precision click stops for easy rotation. c. Eyepiece tubes can be swiveled either way for comfortable viewing angle of the operator. 	
3.	Condenser	ABBE Condenser with aspherical lens and iris diaphragm, N.A. 0.9/1.25 for use with objectives 4x to 100x.	
4.	Objectives	High contrast Plan-achromatic objectives 4x,10x,40x and 100x. 40x and 100x front optics are spring loaded.	
5.	Microscopic camera	<ul style="list-style-type: none"> a. Microscopic camera of minimum 5MP or more with Wifi and LAN connectivity features and & can work as a standalone system without connecting to computer. b. Camera & microscope should be from same manufacturer 	



6.	Software	Software should consists of features for basic measurement, stacking and stitching features either manually/automatic.	
7.	Desktop	Suitable Desktop computer should be provided for image analysis.	
8.	Accessories	All accessories, connectors, screws and tools are to be supplied adequately.	

*Note: *Mention Clearly whether it is complied with or Not complied with at column no.: 4, If the same is not mentioned clearly, the tender will be rejected.*

Am

Financial Bid Submission Form for Trinocular Research Microscope

S. No.	Make	Model	Description of items	Unit Price quoted, Rs.	Taxes as applicable and #Other charges, if any	Total Amount, Rs.

Note: Accessories, Additional features, Other charges, if any may be quoted individually.

Particulars of Other charges may be mentioned clearly.

Am

F: NO. CPCE/243/BS/.

LETTER SUBMITTING TENDER

To

The Regional Director
Central Pollution Control Board
Nisarga Bhawan
7th D Cross, Thimmaiah Road
Shivanahalli
Bengaluru – 560 079

Sir,

With reference to the tender invited by you for the supply of “**Trinocular Research Microscope**” at The Regional Laboratory, Central Pollution Control Board, 'A' block, Nisarga Bhavan, 2nd Floor, 7th D Cross, Thimmaiah Road, Shivanagar, Bengaluru 560079. I/We do hereby offer to supply the item/s at the quoted rates mentioned in the financial bid. I/We have seen the website and read the conditions of tender, specifications and special clauses. I/We agree to supply the item/s in whole within fifteen days as specified in the tender. I/We understand that you are not bound to accept the lowest or any tender that is received by CPCB.

Yours faithfully,

Name of partners of the firm

Name of Bankers

Tenders submitted on

