

MAR ATHANASIUS COLLEGE (AUTONOMOUS)

Kothamangalam College P O – 686666

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TENDER DOCUMENT

Tender No. MAC39/MICRO/2024 Dated: 13.11.2024

Tender documents for

Procurement of

Trinocular Microscope with Camera

Mar Athanasius College (Autonomous), Kothamangalam



Tender No. MAC39/MICRO/2024 Dated: 13.11.2024

Tender Submitted by:

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Section-1
Bid Synopsis

1. Tender No. : MAC39/MICRO/2024 Dated: 13.11.2024
2. Name & Address of Client : Principal
Mar Athanasius College (Autonomous),
Kothamangalam - 686666
3. Name of Project : Trinocular Microscope with Camera, Mar
Athanasius College, Kothamangalam -
686666
4. Type of Tender : Item rate
5. Date of sale of Tender Document : from 13.11.2024 to 10.12.2024
6. Tender documents issuing authority : Principal, Mar Athanasius College
(Autonomous)
7. Last date and Time of receipt of tender: 10.12.2024, 4.00 p.m.
8. Date and time of Tender opening : 11.12.2024, 10.00 a.m.
9. Earnest Money Deposit : 2.5 % in the form of DD
10. Security deposit : 5% of quoted amount as Demand Draft
11. Defect liability period : Minimum 12 calendar months from the
commissioning of the entire system.
12. Date of Issue of DD with date &
Amount :
(to be filled by Tenderer)
13. Issue in favor of :
(to be filled by Tenderer)

Signature & Seal of the Tenderer

K.F.C. FORM - 14
(See Chapter VI, Article 130)
FORM OF TENDER

To

The Principal
Mar Athanasius College (Autonomous)
Kothamangalam College P. O
Kothamangalam, Ernakulam,
Kerala, India - 686666

Sir,

I/We hereby tender to supply, under the annexed general conditions of contract, the whole of the articles referred to and described in the attached specification and schedule at the rates quoted against each item. The articles will be delivered within the time and at the places specified in the schedule.

* I am / We are quoting/have separately remitted the required amount of Rs..... as earnest money.

Yours faithfully,

(Signature)

(Address)

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.....

.....

Date:

*To be scored off in case where no Earnest Money Deposit is furnished

TERMS AND CONDITIONS

Sealed tenders are invited for supplying as specified in the schedule

below/attached:

1. The tenders should be addressed to The Principal, Mar Athanasius College, Kothamangalam College P. O, Kothamangalam, Ernakulam, Kerala, India – 686666 in a sealed cover with the Tender number and name duly superscribed on the cover.

2. The tenders should be in the prescribed form which can be obtained from Principal, Mar Athanasius College, Kothamangalam College P. O, Kothamangalam, Ernakulam, Kerala, India on payment as per the superscription. The cost of tender forms once paid will not be refunded. Tenders which are not in the prescribed form are liable to be rejected.

3. Intending tenderers should send their tenders so as to reach the Principal, Mar Athanasius College (Autonomous), Kothamangalam on due date, within time. No tender received after the specified date and time will be accepted on any account. Tenders not stipulating period of firmness and tenders with price variation clause and or subject to prior sale condition are liable to be rejected.

4. Every tenderer should send along with his tender, an earnest money of 1% of the amount quoted. The amount may be paid by crossed demand draft drawn in favour of the Principal, Mar Athanasius College, Kothamangalam, payable at Ernakulam. Cheques will not be accepted. The earnest money of the tenders will be returned as soon as possible after the tenders are settled, but that of the successful tenderer will be adjusted towards the security that will have to be deposited for the satisfactory fulfillment of the contract. No interest will be paid for the earnest money deposited. The registered firms will have to quote invariably in every tender they

submit the registration number assigned to them by the Stores Purchase Department.

5. The tenders will be opened on the appointed day and time in the Office of the Principal, Mar Athanasius College, Kothamangalam in the presence of such of those tenderers or their nominees who may be present at that time.

6. If any tenderer withdraws from his tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money, if any deposited by him will be forfeited to the Principal, M A College or such action taken against him as the Principal, M A College thinks fit.

7(a). Tenderers shall invariably specify in their tenders the delivery conditions, including the time required for the supply of articles tendered for.

(b). The successful tenderer should supply the items at Mar Athanasius College at Kothamangalam within the time period specified in the contract, at their own cost.

8. The final acceptance of the tenders rest entirely with the Principal, Mar Athanasius College, Kothamangalam who do not bind himself/herself to accept the lowest or any tender. But the tenderers on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.

9(a). In the case of materials of technical nature the successful tenderer should be prepared to guarantee satisfactory performance for a definite period under a definite penalty.

(b). The guarantee provisions contained in the Kerala Financial Code are applicable.

10. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless the successful tenderer shall also execute an agreement for the due fulfillment of the contract within the period to be specified in the letter of acceptance. The contractor shall

have to pay all stamp duty and other expense incidental to the execution of the agreement.

11.(a) The successful tenderer shall before signing the agreement and within the period specified in the letter of acceptance of his tender, shall deposit a sum equivalent to 5 percent of the value of the contract as security for the satisfactory fulfillment of the contract less the amount of money deposited by him along with his tender. Letters of guarantee in the prescribed form for the amount of security from an approved Bank will also be considered enough at the discretion of The Principal, Mar Athanasius College, Kothamangalam College P. O, Kothamangalam, Ernakulam, Kerala, India - 686666. If the successful tenderer fails to deposit the security and execute the agreement within the period specified, the earnest money deposited by him will be forfeited to the Principal, M A College and the contract arranged elsewhere at the defaulter's risk and any loss incurred will be recovered from the defaulter who will, however not be entitled to any gain accruing thereby.

(b) In case where a successful tenderer, after having made partial supplies fails to fulfill the contracts in full, all or any of the materials, not supplied may at the discretion of the purchasing Officer, be purchased by means of another tender/quotation or by negotiation or from the next higher tenderer who had offered to supply already and the loss, if any, caused to the M A College(Autonomous), Kothamangalam shall thereby together with such sums as may be fixed by the Kerala State Legal Services Authority towards damages be recovered from the defaulting tenderer.

(c) Even in cases where no alternate purchases are arranged for the materials not supplied, the proportionate portion of the security deposit based on the cost of the

materials not supplied at the rate shown in the tender of the defaulter shall be forfeited and balance alone shall be refunded.

(d) If the contractor fails to deliver all or any of the stores or perform the service within the time/period 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% or 1% of the delivered price of the delayed stores or unperformed services for each week of delay until actual delivery or performance, up to a maximum deduction of 10% of the contract prices of the delayed stores or services. Once the maximum amount is reached, the purchaser may consider termination of the contract at the risk and cost of the contractor.

12. The security deposit shall, subject to the conditions specified herein be returned to the contractor within three months after the expiration of the contract, but in the event of any dispute arising between the Mar Athanasius College(Autonomous), Kothamangalam and the contractor, Mar Athanasius College(Autonomous), Kothamangalam shall be entitled to deduct out of the deposits or the balance thereof, until such dispute is determined, the amount of such damages, costs, charges and expenses as any be claimed. In all cases where there are guarantee/warranty for the goods supplied the security deposit will be released only after the expiry of the guarantee/warranty period.

13. All payments to the contractor will be made by Mar Athanasius College(Autonomous), Kothamangalam in due course.

14. The tenderers shall also quote the percentage of rebate(discount) offered by them in case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

15. Ordinarily payments will be made only

after the supplies are actually verified and taken to stock, at concerned places. The firm will produce stamped pre-receipted invoices before the Principal, Mar Athanasius College(Autonomous), Kothamangalam. The payments will be made on satisfactory supply of the above said materials at the concerned places and on production of the bills/invoices. Mar AthanasiusCollege(Autonomous), Kothamangalam will make the payment as and when the amount is released from the Treasury.

16. The contractors shall not assign or make over the contract on the benefits or burdens thereof to any other person or body corporate. The contractors shall not underlet or sublet to any person or persons or body or any part thereof without the consent in writing of the The Principal, Mar AthanasiusCollege(Autonomous), Kothamangalam who shall have absolute power to refuse such consent or to rescind such consent (if given) at any time if he is not satisfied with the manner in which the contract is being executed and no allowance or compensation shall be made to the contractor or the sub-contractor upon such rescission, provided always that if such consent be given at any time, the contractor shall not be relieved from any obligation, duty or responsibility under this contract.

17. All expenses and damages caused to Mar Athanasius College(Autonomous), Kothamangalam by any breach of contract by the contractor shall be paid by the contractor to Mar Athanasius College(Autonomous), Kothamangalam and may be recovered from him under the provisions of the Revenue Recovery Act in force in the State.

18. In case any difference or disputes arise in connection with the contract all legal proceedings relating to the matter shall be instituted in the Courts within the

jurisdiction of Ernakulam District.

19. Any amount due and payable to the successful tenderer from Mar Athanasius College shall be adjusted against any sum of money due to Mar Athanasius College from him under any other contracts.

20. Every notice hereby required or authorized to be given may be either given to the contractor personally or left at his residence or last known place or abode or business or may be handed over to his agent personally or may be addressed to the contractor by post at his usual or last known place or abode or business and if so addressed and posted shall deemed to have been served on the contractor on the date on which in the ordinary course of posting a letter so addressed and posted would reach his place of abode or business.

21. The tenderer shall undertake to supply materials according to the standard sample and/or specifications.

22. No representation for enhancement of rates once accepted will be considered during the contract period. In the case of imported goods when the price accepted is the ex-site price quoted by the tenderer, the benefit of any reduction in the c.i.f. price should accrue to the Mar Athanasius College(Autonomous), Kothamangalam.

23. Telegraphic quotations will not be considered.

24. Any attempt on the part of the tenderer or their agents to influence the Mar AthanasiusCollege(Autonomous), Kothamangalam/Store Purchase Department in their favor, by personal canvassing with the officers concerned, will disqualify the tenders.

25. Tenderers should be prepared to accept orders subject to the penalty clause for forfeiture of security in the event of default in supplies or failure to supply within the stipulated period.

26. The finalization of tenders shall be made in accordance with the supply upon

the rates quoted and according to the other formalities and performance. The Principal, Mar Athanasius College(Autonomous), Kothamangalam has all rights to reject a tender without giving any reasons.

27. The tenderers have to quote the expiry of the guarantee/warranty period.

28. Special conditions, if any, of the tenderers, attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the Principal, Mar Athanasius College, (Autonomous)Kothamangalam.

29. The Tenderer should produce along with his tender a preliminary agreement executed and signed in Kerala Stamp Paper of value Rs.200/-. A specimen form of the agreement is given as Annexure B to this tender. The tenders without the agreement in stamped paper will be rejected outright.

30. The tenderer will invariably furnish the following certificates with their bills for payment:

“Certified that the goods on which the sales tax has been charged have not been exempted under the Central Sales Tax Act GST or the State Sales Tax Act or the Rules made there under and charges on account of sales tax on these goods are correct under the provisions of the relevant act or the rules made there under. Certified further that we (or our Branch or Agent)

Address:

are registered as dealers in the State..... under the Registration

No..... for the purpose of sales tax”.

31. The price quoted shall be inclusive of all taxes, duties, cesses, etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.

32. All conditions laid in the Store Purchase Rules are applicable.

ANNEXURE
AGREEMENT

Articles of agreement executed on this the day of (month) (year)
BETWEEN the Principal, Mar Athanasius College(Autonomous), Kothamangalam (Hereafter referred to as the Principal) of the one part and
(Name and address of the tenderer), (hereinafter referred to as the Bounden) of the other part.

WHEREAS in response to the Notification No. dated the Bounden has submitted to the Principal a tender for supplying specified therein subject to the terms and conditions contained in the said tender.

WHEREAS the Bounden has also deposited with the Principal a sum of Rs.as earnest money for execution of an agreement undertaking the due fulfillment of the contract in case his tender is accepted by the Principal.

Now THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:-

1. In case the tender submitted by the bounden is accepted by the Principal and the contract for supplying is awarded to the bounden, the bounden shall within days of acceptance of his tender execute an agreement with the Principal incorporating all the terms and conditions under which the Principal accepts his tender.

2. In case the Bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, the Principal shall have power and authority to recover from the bounden any loss or damage caused to the Principal by such breach as may be determined by the Principal by appropriating the earnest money deposited by the bounden and if the earnest money is found to be inadequate the deficit amount may be recovered from the bounden and his properties movable and immovable in the manner hereinafter contained.

3. All sums found due to the Principal under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue and in such other manner as the Principal may deem fit.

In witness whereof (H.E name and designation) for and on behalf of the Principal and the Bounden have hereinto set their hands the day and year shown against their respective signatures.

Signed by Date.....

In the presence of witnesses:

1.

2.

Signed by Sri.Date

In the presence of witnesses:

1.

2.

Superscription

Tender No. MAC39/MICRO/2024 Dated: 13.11.2024 for Procurement of Trinocular Microscope with Camera to Mar Athanasius College (Autonomous), Kothamangalam.

Last date and time for the receipt of tender : 10.12. 2024, 4.00 P.M.

Date and time for opening tender : 11.12.2024, 10.00 A.M.

Price of tender form : Rs. 800/-

Address of the Officer from whom tender forms are to be obtained and to whom tenders are to be sent

Dr. Manju Kurian,
Principal,
Mar Athanasius College (Autonomous),
Kothamangalam College P. O,
Ernakulam Dist., Kerala, India - 686666.

Name of Office: Mar Athanasius College (Autonomous), Kothamangalam

Station : Kothamangalam

Date: 13.11.2024

Name and Designation of Purchasing Officer

Dr. Manju Kurian,
Principal,
Mar Athanasius College (Autonomous),
Kothamangalam College P. O,
Ernakulam Dist., Kerala, India - 686666.

TENDER

MAC39/MICRO/2024 Dated: 13.11.2024

Sealed tenders are invited from reputed firms for the procurement of **Trinocular Microscope with Camera** to Mar Athanasius College, Kothamangalam. **The detailed specification as follows.**

Trinocular Microscope with Camera and image analysis software

Microscope Specification

Trinocular Microscope

Fixed-Köhler illumination

Transmitted-light illumination LED 3W

Nosepiece 4-position, tilted backwards

Mechanical rackless stage 75x40, drive right and specimen holder for one slide with spring clip left

Eyepieces: 10x/20 Br.foc. with eyecups

Objectives: Plan-Achromatic 4x, 10x, 40x, 100x

Abbe condenser 0.9/1.25

External power unit 100...240VAC/50...60Hz/30VA

- LED illumination should provide both yellow light (approximately 3000K) and white light (4000K to 7000K), Switching between these light spectrums should be possible without changing the lamp or its holder.
- Light path must be designed to achieve a 100:100 light path split without the use of any beam splitter prism. This configuration should ensure equal (100%) light distribution to both the binocular viewing head and the micro photographic port. The system must support simultaneous viewing through the binoculars and on-screen viewing via the camera.
- A single potentiometric switch should control the illumination, allowing for both on/off functionality and adjustment of light intensity.
- Blue indicator lights should be located on both sides of the microscope's body/frame, these lights should indicate the current light intensity level, increasing or decreasing in brightness accordingly.

Camera Specification

12 MP CMOS COLOUR CAMERA with Image Analysis software

- **Resolution** - 12MP, 4000x3000
- **Pixel Size** - 1.34 μm x1.34 μm
- **Frame Rate** - 15fps

- **Shutter Type** - Rolling Shutter
- **Exposure Mode** - Auto/Manual
- **Picture Format** - TIFF/JPG/PNG/DICOM
- **Operating System** - Windows 7/8/10 (32 Bit/64 Bit), Mac
- **Optical Interface** - C Mount
- **Data Interface** - USB2.0
- **Software for image analysis**

Estimated Cost: Rs. 2,50000/-