

UNDER MODE OF DESPATCH

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

College of Excellence (UGC)

Re-accredited by NAAC with “A⁺” Grade (4th Cycle)

29th rank among colleges in NIRF 2023

G.N. Mills (PO), Coimbatore-641 029, Tamil Nadu, India.

No. KASC/DST-FIST/Equip/001/2023-24

Dated: 26.08.2023

TENDER NOTICE

Sealed Tenders are invited by the **Principal**, Kongunadu Arts and Science College, Coimbatore - 641 029 **up to 5.00 p.m. on 25.09.2023** for the supply of X-Ray Diffractometer (Table top model) to the PG and Research Department of Chemistry.

Tender details and documents can be downloaded from **our website:** www.kongunaducollege.ac.in from **26.08.2023 to 25.09.2023**. The cost of the tender documents **Rs.750 + Tax** and EMD **1% of total value** are to be enclosed in the form of DD or by Bank of Maharashtra Challan, drawn in favour of “**The Principal, Kongunadu Arts and Science College, Coimbatore**” while submitting tender.

Copy to:

1. Secretary's Office
2. Office Superintendent – Aided Office
3. Office Superintendent – Unaided Office
4. Head – PG and Research Department of Chemistry
5. Notice Board

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COIMBATORE – 641 029

**Tender Conditions and Instructions for the supply of X-Ray Diffractometer
(Table top model) to the PG and Research Department of Chemistry**

1. Sealed Tenders will be received by the Principal up to **5.00 p.m.** on **25.09.2023** for the purchase of X-Ray Diffractometer (Table top model) to the PG and Research Department of Chemistry as given in the schedule.
2. The tender shall be submitted in a sealed cover superscripted as “Tender for the purchase of X-Ray Diffractometer (Table top model) to the PG and Research Department of Chemistry due on **25.09.2023** at **5.00 p.m.**
3. The tenders will be opened by the **Principal** in the **Principal’s Chamber** at **10.00 a.m.** on **26.09.2023** in the presence of tenderers who are present and in presence of the Project Implementation Group.
4. Each tender shall be accompanied with tender cost of **Rs. 750 + Tax** and EMD of **1% of the total value** in the form Bank of Maharashtra Challan or DD drawn in one of the Nationalized Banks in the name of “**Principal, Kongunadu Arts and Science College**” payable at Coimbatore. Cheques and Bank Guarantees will not be accepted. Tenders without EMD shall be summarily rejected. EMD will not carry and interest.
5. Tenders received late will be returned to the tenderer unopened.
6. The entries in the tender schedule shall be as far as possible without scoring, corrections and over writings and shall be legible. Any unavoidable correction or scoring shall be attested by full signature of the tenderer. The tenderer should sign on each page of the tender document.
7. In the tender schedule, the tenderer should quote the rates for each item separately in figures and words in the corresponding column.
8. If the rates quoted in the schedule differ in words and figures, the lowest quoted rate will be taken. The unit rates quoted in the schedule is those governing payment.
9. Taxes or any other charges if any shall be clearly mentioned specifying the percentage. If this is not specifically mentioned it will be taken that the rates quoted are nett.
10. **If the tenderers quote the price with GST, they should mention the valid GST Registration Number along with the copy of the registration Certificate.**
11. The rate quoted shall be for delivery at College Campus in the department concerned.
12. No revision of rates at any cost will be accepted.

13. Tender documents are not transferable.
14. The tender shall be submitted only in this official form and the tenderers should sign on each page of the all tender documents and enclosed without any omission.
15. **The tender shall be valid for a minimum of 180 days from the date of opening.** Tenderer should not withdraw his tender after the tenders are opened. In case the tender is withdrawn after it is opened, the EMD remitted will be forfeited.
16. The EMD of the unsuccessful tenders will be refunded immediately after the tenders are disposed of by the competent authority.
17. Successful tenderer shall remit a security deposit of 5% of the accepted tender order value and execute an agreement of Tamilnadu stamp paper to the value of Rs.100.00. Failure to execute the agreement within the stipulated time will entail in forfeiture of the EMD. Security Deposit will be refunded after audit/warranty period is over.
18. The material should be supplied within the stipulated period mentioned in the purchase order. If the supply is not made within the period, the supply order will be cancelled and EMD will be forfeited.
19. The materials quoted shall confirm ISI/ nationally or internationally set standards, whichever is applicable. The make of the material shall be mentioned in the tender.
20. The tender is submitted subject to any agreeing to the above conditions. Original tender document should be enclosed otherwise it will be liable for rejection.
21. Downloaded tender documents should be accompanied with tender cost and EMD in the form of DD drawn in favor of the Principal, Kongunadu Arts and Science College.
22. If the price is in INR with GST taxes, the tenderer should mention the valid local Sales Tax Registration/VAT Registration/CST Registration Numbers along with the copy of the registration Certificate.
23. EMD shall be exempted if the firm is registered with MSME and NSIC. The Registration Certificate along with the terms and condition issued by the MSME and NSIC should be enclosed and highlighted to consider the exemption.
24. Net rate including GST, surcharge, sales tax, freight, insurance, delivery, installation and commissioning of the above work and such other levies that may be applicable. The bidder should clearly mention the details of their tax, customs, other charges, etc.
25. The rate should be quoted with specification, make and model if applicable and should be indicated clearly both in words and figures. Any scoring or overwriting should be attested by the tenderers with full signature. The rate quoted should be firm and should not be subjected to any variation clauses.

26. If the equipment is imported, Customs Duty, Clearance, delivery, transportation, Insurance charges should be mentioned clearly. The firm has to arrange the authorized customs clearing agent on behalf of college for customs clearance.

27. In case the tender is withdrawn after it is opened, the EMD will be forfeited.

28. Additional Documents: Please also attached it opened, the EMD will be forfeited.

- ISO Certificate or any other Equivalent Certificate by the company.
- Number of service centers of the supplier in Tamilnadu/India.
- Number of years standing in this business.
- Average turnover in the last three years.
- Backup facility for the warranty period.
- Copy of manufacturer License, PAN, TIN and GST Number.
- Certificate attained by the manufacturer.
- Complete Company Profile.
- Manufacturer Authorization form (MAF) from (Original Equipment Manufacturer).
- List of users with contact details.
- Any other relevant details in support of the items specified.

29. Any dispute arising out of this contract shall be settled only at the Court having Jurisdiction of Coimbatore.

30. The authority competent to accept the tender reserves the right to reject or accept any tender without assigning any reasons thereof.

31. Regarding the acceptance of supply with reference to the specification and quality of materials supplied, the decision of the Project Implementation Group and Principal shall be final.

32. The institution's general rules for the supply of the materials and works will apply on this purchase also.

33. The tender is governed by the Tamilnadu Tender Transparency Act 1998 and 2000 as amended from time to time.

34. Other Enclosures:

i. Attested copies of the Registration Certificate of the company.

ii. Audited Annual Financial Statement and Annual Report and Certified statement from the current Statutory Auditors of the bidder.

- iii. Signed and stamped copy of the original tender document downloaded from the website along with its annexures/corrigendum/documents, etc.
- iv. The copy of the GST registration certificate and copy of PAN.
- v. The annual turnover of the bidder for the last three financial years.
- vi. Any other document.

Cost of Tender document (to be filled by the tenderer)			
DD/Challan No	Date	Amount	Bank

Details of EMD Amount (to be filled by the tenderer)			
DD/Challan No	Date	Amount	Bank

ACCEPTANCE

I/We have carefully read and understood the above terms and conditions of the tender and agree to abide by them.

SIGNATURE OF THE TENDERER WITH SEAL

MOBILE NO:

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Coimbatore

TECHNICAL SPECIFICATIONS

1 No. of X-Ray Diffractometer (Table top model)

1	Geometries	Theta/Theta or Omega/2Theta
2	Max. useable angular range	-3 to 152° 2Theta
3	Accuracy	± 0.01° throughout the entire measuring range Angular accuracy guarantee USP Better than ±0.01° 2Theta traceable by included corundum reference material
4	Achievable peak width	< 0.03° (FWHM) Achievable peak width equal or better than 0.03° 2Theta
5	X-ray wavelengths	Cu, standard ceramic sealed tube
6	X-ray generator	600 W (40 kV, 15 mA)
7	Detector	SSD 160-2
8	Stage	Powder diffraction stage, single position, with sample spinning (for specimen holders: dia 51.5 mm, height 8,5 mm)
9	Sample holders	1 Set (10nos) of PMMA rings, height 8.5 mm, specimen well Ø 25 mm & 1 no's of Silicon crystal specimen holder for low background samples
10	Exterior dimension (h x d x w)	70.0 cm (27.6") x 66.7 cm (26.7") x 88.5 cm (35.0"), width 110 cm (43.3") with open door
11	Max. weight	160 kg (353 lbs)
12	Power supply	100 V – 240 V (600 W and 540 W), 200 V – 240 V (1.2 kW)
13	Cooling water supply options	Internal water-to-air cooling Internal cooling system – no water supply needed
14	Computer	Control computer, international version, English operating system
15	Maintenance Kit	Maintenance Kit to be offered with the main system for trouble free operation

16	Safety assurance	Compliant with the world's highest statutory requirements regarding X-ray safety, machine and electrical safety Full CE compliance Machinery Directive (2006/42/EC) Electrical Equipment (2014/35/EU) Electromagnetic compatibility (2014/30/EU) X-ray safety performance level E (ISO13849-1) #AERB NOC Approvals
17	Low cost-of-operation	No water consumption No detector gas Economic: low electrical power consumption
18	Software (included)	MEASUREMENT CENTER and EVA included 10 licenses for academic institutions

INTEGRATION

The tenderer should successfully install, provide necessary training to the staff and integrate with existing software at the site free of cost.

SIGNATURE OF THE TENDERER WITH SEAL

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Coimbatore

FINANCIAL BID

S.No	Description	Qty	Amount Rs.
	GST		
	Nett amount Rs.		

NETT rate should be quoted.

Rupees in words _____ only.

SIGNATURE OF THE TENDERER WITH SEAL

NOTE:

1. Please quote the price with make of the items, without make the tender will not be considered.
2. The firm may quote the rate as per the tender specifications, the rate quoted by the firm will be considered only if it is as per the tender specifications. If there is any deviation of specifications from the tender specifications, the tender will not considered.
3. The Original tender form should be submitted to this office along with the tender schedule.