



Alagappa University
(Re-Accredited with "A" Grade by 'NAAC')
Karaikudi – 630 003



Ref. A1/Tender/2831/17

Dt:17.3.2017

Tender Notice

Sealed Tenders are invited by the undersigned from reputed companies for the supply and installation of the following equipment.

Sl. No	Name of the Equipment	Approx. Value in Lakhs.	Cost of Tender Schedule Rs.	EMD (Demand Draft) Rs.
1.	UV-Visible Spectrometer with DRS Mode	Rs.12.5	6,300/-	12,500 /-

Tender documents can be had from the undersigned on payment towards cost of Tender Schedule as mentioned above, by demand draft drawn in favour of **The Registrar, Alagappa University, payable at Karaikudi.**

Filled in Tenders both Technical and Commercial bid in Separate Sealed Covers put into a Single big cover should reach on or before 07.04.2017 upto 02.00 p.m and the technical bid will be opened at 4.00 p.m on the same day.

For further details visit our website www.alagappauniversity.ac.in

The undersigned reserves the right to accept or reject or cancel any tender in part or in full without assigning any reason.

Place: Karaikudi
Date: 17.3.2017

Prof.V.Balachandran,
REGISTRAR i/c.

ALAGAPPA UNIVERSITY, KARAIKUDI

Ref:A1/Tender/2831/Phy/17

Dt: 17.03.2017

SEALED TENDERS IN DUPLICATE are invited from reputed firms for the supply of “**UV-Visible Spectrometer with DRS Mode**” to this University, so as to reach the THE REGISTRAR, ALAGAPPA UNIVERSITY, KARAIKUDI. 630 003 on or before and should be superscribed as follows:

“**TENDER REF.NO.Ref: Ref: :A1 /Tender/2831/Phy/17 due on 07.04.2017**”

1. The same will be opened by the Registrar or any of his authorized representatives in the presence of such of those tenderers or their duly authorized agents who may be present at that time. The date of opening the tender will be intimated later.
 - (i) The prices quoted should be in India Rupees / Foreign Currency and should include sales tax, Central Excise and customs Duty if any, freight to destination and levies and should be for delivery at Alagappa University, Karakudi 630 003.
 - (ii) The tenderers are requested to quote their Sales Tax Registration Number without fail. In respect of Inver-State sales, Form “D” declaration will be issued wherever the concessional rate of Central Sales Tax is applicable provided always it is hereby agreed and declared that in case when the University has doubt whether the sales tax is at all payable on the transaction in question. The University is authorized to withhold the amount of tax until the party produces an order of the court of competent jurisdiction, declaring the liability of the transaction to “Sales-Tax”.
 - (iii) Ownership of materials shall rest with the supplier until the same is delivered to this University in good condition.
2. Every Tender should be accompanied by an EMD of **Rs.12,500/-** through Demand Draft drawn in favour of the Registrar, Alagappa University payable at Karaikudi. **The fact of remittance of EMD should be superscribed on the outer cover of the tender. Tender covers without such superscription will not be opened.** The deposit of successful tenderer which will carry no interest will be refunded only after the satisfactory completion of the supply of materials ordered and audit of accounts thereto. Request from firms for waiver of tender deposit will not be considered. No adjustment from the amount due to tenderer will be permitted to be treated as deposit for this tender. **Tenders without EMD will not be considered.** Registered small scale industries who provide evidence of existence from competent authorities will be exempted from payment of EMD. In respect of unsuccessful tenders, the EMD will be released after finalization of tender.

3. No communication from any tenderer adding to / altering or explaining any terms of the tender will be considered after the opening of the tenders by the Registrar. If any tenderer withdraws his tender after the tenders are opened, his tender deposit it is liable to be forfeited. Supplies should be effected within the delivery period quoted with tendered rates, failing which the tender deposit of the successful tenderer will be forfeited, and the order placed also cancelled at their risk and cost. Conditional offer such as subject to prior sales etc. are liable to be summarily rejected.
4. The Registrar, Alagappa University, Karaikudi reserves **the right to accept or reject** any tender either partly or wholly without assigning any reason therefore.
5. The quantities mentioned are only tentative and are liable to be added or subtracted.
6. No suit or any proceedings in regard to any matter arising in any respect under this contract shall be instituted in any Court save in the District Munsif Court or Sub Court at Sivaganga. It is agreed that no other Court shall have jurisdiction to entertain any suit or proceedings even through part of the cause of the action raised within their jurisdiction. In case of any part of cause of action arises within the jurisdiction of any of the Court in Tamil Nadu and not in the Court of Sivaganga then it is agreed to between the parties that such suits or proceedings shall be instituted in a court within Tamil Nadu and no other court outside Tamil Nadu shall have jurisdiction even though any part of the cause of action might arise within the jurisdiction of such courts.
7. The successful tenderer should arrange to supply the equipment as per terms of the accepted tender. **Full payment will be made to the supplier only after the receipt of the materials at site in good condition and after making necessary tests. Any loss or damages in transit should be made good by the supplier at free of cost. The advance payment will not be made under any circumstances.** Defects in manufacture if any detected at any time should be rectified at free of cost.
8. The decision of the Registrar is final in respect of defective equipment. Quantities given in the tender are subject to alteration at the time of placing orders by the University.
9. The Successful tenderer should produce income-tax clearance certificate. In the case of partnership firms, this should be produced for each of the partners and the firm.
10. The tender should be valid for a period of 90 days from the date of opening.
11. Warranty/Guarantee period should be specified.

12. AMC of equipment should be quoted in the Tender for adopting after completion of the warranty period.
13. Only parties who agree to abide by the above terms and conditions may send tenders and submission of tenders against this specification would signify such acceptance of the above terms and conditions by the tenderers.
14. Tenderers should specifically note that their tenders are liable to be summarily rejected if
 - i. the rate quoted is not F.O.R. destination
 - ii. complete technical details of the products as the case may be are not sent with the tender
 - iii. validity period is not indicated
 - iv. EMD is not remitted
15. Detailed Specifications of the equipment required are enclosed.
16. The bidder must quote for all the products as per the tender and must comply with all the tender specifications as per the tender.

17. TECHNICAL BID: FIRST COVER

The FIRST COVER should contain the following:

- Tender documents duly completed and signed but WITHOUT INDICATING THE RATE QUOTED.
- The technical details of the models offered along with the supporting original technical literature, leaflets, brochures etc.
- Earnest money
- Cost of tender form if down loaded from the website.
- Details of supplies of similar equipment along with copies of supply orders.
- Latest agreement/authorization from the foreign firms in case of Indian agent is submitting tender on its behalf.
- Trade registration certificate from the RBI/Ministry/department concerned.
- Latest income tax clearance certificate/ copy of PAN card/TIN.
- Latest VAT/S.T. clearance certificate.
- Technical bulletin with specifications clearly stated with model.

18. PRICE BID: SECND COVER

SECOND COVER should contain the following:

Details of rates, taxes, duties, discounts, if any, quoted by the bidder, should be submitted.

Any documents in support of price bid.

For Indian manufacturer rate should be at F.O.R destination.
For foreign supplier rates should be at CIP .

NOTE

(i) The word “**TECHNICAL BID**” should be written clearly and prominently on the first cover along with tender number, name of the equipments and date of opening. Similarly, the work “**PRICE BID**” should be written clearly and prominently on the second envelop along with Tender Number, Name of Equipments.

Full name and status of the person signing the tender documents must be clearly mentioned in the Tenders.

Tender unsealed or having overwriting and cutting without proper attestation and signature will not be considered.

(ii) An EMD i.e. Rs.12,500/- through a Demand Draft drawn in favour of “The Registrar, Alagappa University and payable at Karaikudi should accompany the tender. Last date for receipt of tenders is upto 2.00 p.m. on 07.04.2017

REGISTRAR

SPECIFICATION	UV-Visible Spectrophotometer with DRS Mode
Optical Design	Double-beam with sample and reference cuvette positions; Application Focused Beam Geometry; Czerny-Turner Monochromator
Spectral Bandwidth(s)	Variable: 1.0 nm; 2.0 nm; AFBG Microcell optimized; AFBG Fiber optic optimized; AFBG Materials optimized
Light Source	Xenon Flash Lamp, 3-year warranty (7 years typical lifetime)
Detector	Dual Silicon Photodiodes
Wavelength Range	190-1100 nm
Wavelength Accuracy	± 0.5 nm (541.9, 546.1 nm mercury lines) ± 0.8 nm (full range 190–1100 nm)
Wavelength Repeatability	≤ 0.05 nm (546.1 nm mercury line, SD of 10 measurements)
Photometric measurement modes	Absorbance, % Transmittance, % Reflectance, Kubelka-Munk, $\log(1/R)$, $\log(\text{Abs})$, $\text{Abs} \times \text{Factor}$, Intensity
Scan Speed	1 to 6000 nm/ min : Variable
Data Intervals	10, 5, 2, 1.0, 0.5, 0.2, 0.1 nm
Photometric Range	> 3.5 A
Photometric Display Range	-0.3 to 4.0 A
Photometric Accuracy	-1A: ± 0.006 A 2A: ± 0.010 A Measured at 440 nm using neutral density filters traceable to NIST
Photometric repeatability	± 0.0002 A
Photometric noise	0A: ≤ 0.00015 A 1A: ≤ 0.00025 A 2A: ≤ 0.00080 A 260 nm, 1.0 nm SBW, RMS
Photometric Drift	< 0.0005 A/hr 500 nm, 1.0 nm SBW, 1 hour warm-up
Stray Light	KCl, 198 nm: $\leq 1\%$ T NaI, 220 nm: $\leq 0.05\%$ T NaNO ₂ , 340 nm: $< 0.05\%$ T
PC configuration	Any suitable latest configuration
Electrical Supply	100–240 V, 50–60 Hz, selected automatically 150 W maximum
Accessories	All necessary accessories for DRS mode included
Interface	RS 232 and USB connectivity for data storage/transfer with latest version of branded computer.
Software	In-built
Quartz Cuvettes	Films, Liquid and Powder samples, 10 mm path length and ~3.0 ml sample volume
Baseline Flatness	within ± 0.0006 Abs (190 to 1100nm, one hour after light source turned ON)
Noise level	Within 0.00005 Abs RMS value (at 700nm)
Stability	± 0.002 A/h @ 500nm