



ASSAM UNIVERSITY, SILCHAR
(A Central University constituted under an Act of Parliament)

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NOTICE INVITING TENDERS

No: AU/EC/111/12-13/Vol II

Date:15.02.2018

Sealed tenders are invited from Manufacturers/Authorized Dealers having PAN for supply and installation of the following items for Assam University, Silchar. The technical bid and the financial bid should be sealed by the bidder in separate cover duly superscripted and both these sealed cover are to be put in bigger cover which should also be sealed and duly superscripted as “**OPEN TENDER ENQUIRY**” addressed to The Head, Department of Ecology and Environmental Science, Assam University, Silchar-788011, Assam.

Item	Particulars of the item	Quantity
1	Equipments	Annexure 1

Important Information

1. Last date & time of submission: 01.03.2018 at 12.00 Noon.
2. Date & time of opening of quotation: 01.03.2018 at 1.00 P.M.
3. Type of bid: **Open Tender Enquiry**
4. Terms of accomplishment of order: 15 days
5. In case of any modification in specifications/ terms and conditions/ any clarification to the bid document, it will be hosted in the university website only and the bidders are requested to log in to our website from time to time and no separate notification/corrigendum will be issued in this regard.
6. **The price should include delivery and installation at Assam University, Silchar.**
7. The rate should be inclusive of taxes and all applicable taxes should be clearly indicated.
8. The rate should be quoted along with supporting documents of specifications, technical features, list of users, catalogues and authorized dealership documents (if applicable).
9. Details of availability of after sales support will have to be furnished.
10. Special discount/rebate admissible to Educational Institution/Central University may be specifically indicated in the quotation.
11. The University is exempted from paying Customs and Excise duty.
12. After completion of the supply and installation, the firm will submit tax invoice as per GST format for payment, with a certificate of successful installation of the materials from the Head, Department of Ecology and Environmental Science, Assam University, Silchar.
13. Tenders not conforming to the terms and conditions and procedure so outlined are liable to be rejected summarily. The specifications mentioned are the minimum.
14. The University reserves the right to reject any, in part of all tender without assigning any reasons thereof.
15. All terms and conditions will be as per Assam University rules, regulations and decisions.
16. Valid PAN & GST Registration no & details to be submitted along with the Technical Bid.
17. Validity of Tender quoted must be for 90 days.
18. Performance Guarantee of 5% of the Gross Bid Value to be submitted by the supplier on receipt of supply order. This will be returned after completion of warranty period.
19. Tender Fee of Rs.500/- only to be submitted along with the Tender submitted (Tender fee in the form of DD to be drawn in favour of **FINANCE OFFICER, AUS**)
20. Last date of submission is as mentioned above.

Head,
Department of Ecology and
Environmental Science
Assam University, Silchar

Annexure I

List of Equipments and technical specification

Sl. No.	Items	Specification	Quantity	Estimated cost including GST(Unit cost)	Remarks																														
1.	Spectrophotometer	<table border="1"> <tr> <td>Double beam</td> <td></td> </tr> <tr> <td>Range</td> <td>340-999 nm</td> </tr> <tr> <td>accuracy</td> <td>±2 nm</td> </tr> <tr> <td>Bandwidth</td> <td>5 nm</td> </tr> <tr> <td>Range</td> <td>±2.5Abs</td> </tr> <tr> <td>Repeatability</td> <td>± 0.005 Abs</td> </tr> <tr> <td>Resolution</td> <td>0.1%T, 0.001 Abs</td> </tr> <tr> <td>Display</td> <td>4 Line 20 Ch. LCD</td> </tr> <tr> <td>Source</td> <td>Tungsten halogen lamp</td> </tr> <tr> <td>Detector</td> <td>2-Silicon Photodiode</td> </tr> <tr> <td>Sample Holder</td> <td>One (10 mm) fixed for Reference & Sample cuvette holder</td> </tr> <tr> <td>Operating Mode</td> <td>Single wavelength, Multi-wavelength (Max 8), Spectrum scan and Time scan</td> </tr> <tr> <td>K-Factor Range</td> <td>0.100 to 9999 with floating decimal point</td> </tr> <tr> <td>Conc. Range</td> <td>0.100 to 9999 with floating</td> </tr> <tr> <td>Stray Light</td> <td>≤0.3%T at 370 nm</td> </tr> </table>	Double beam		Range	340-999 nm	accuracy	±2 nm	Bandwidth	5 nm	Range	±2.5Abs	Repeatability	± 0.005 Abs	Resolution	0.1%T, 0.001 Abs	Display	4 Line 20 Ch. LCD	Source	Tungsten halogen lamp	Detector	2-Silicon Photodiode	Sample Holder	One (10 mm) fixed for Reference & Sample cuvette holder	Operating Mode	Single wavelength, Multi-wavelength (Max 8), Spectrum scan and Time scan	K-Factor Range	0.100 to 9999 with floating decimal point	Conc. Range	0.100 to 9999 with floating	Stray Light	≤0.3%T at 370 nm	1 no.	Rs.1,75,000/-	
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2.	Balance (Top pan)	Capacity : 2.2 Kg Display: 10 mg/ 0.01 Gm Calibration : External	1 no.	Rs.55,000/-																															
3.	4 in 1 meter	Measurement: Anemometer, Humidity, Temperature, Light Measurement Range: Air Velocity:0.4-30.0m/s Humidity:10-95%Rh Light:0-20000Lux Temperature:-100-1300°C	1 no.	Rs.25,000/-																															
4.	Sound level meter	Measurement Range:35-130dB,3ranges Range 1:35-80dB Range 2:50-100dB Range 3:80-130dB Measurement Frequency:31.5Hz-8000Hz	1 no.	Rs.20,000/-																															
5.	1 KVA UPS	Capacity:1KVA Backup Time:30 minutes Voltage: Input 145VCA-	4 nos.	Rs. 7,500/-																															

		300VCA;Output 230VCA			
6.	Water Bath	Double walled construction and thermostatic control Temperature range: +5° to 95° C. Capacity of 12nos of dye pots of 250ml or 500 ml	1 no	Rs.30,000/-	
7.	GPS Map 64S	Inbuilt 3- axis electronic compass and barometric altimeter, storage 5000 way points.200 tracks , 200 routs , 4 GB internal memory, Waterproof , dual constellation (GPS+ GLONASS)	3 nos	Rs 25,000/-	
8.	Camera trap	Photo: 10 MP LEDs: 42 LEDs Type of LEDs: Low Glow Screen: 2” Screen for configuration only (not viewing). Photo Type: Colour by Day, Black and White by Night Time-Lapse Mode: Yes Continuous Mode: Yes Flash Range: < 90’ Trigger Speed: 0.3s Multi-shot Mode: Up to 6 pictures per detection	2 nos	Rs.13,000/-	
9.	Refrigerator	165 ml , Single door	1 no	Rs 11,000/-	
10.	Turbidity meter	Ranges: 0-1000 NTU in 4 ranges (a) 0-1 NTU (b) 0-10NTU (c) 0-100NTU (d) 0-1000NTU Accuracy ±3% of FSD in 0-1 and 0-1000 NTU ±2% of FSD in 0-10 and 0-100 NTU Repeatability: ±2% FS Source: Projector lamp Detector: Photo diode Display: 3½ Calibration : Formagine standard solution Power : 230 volt, ±10% etc	1 no	Rs 25,000/-	
11.	Bottle top Dispenser	5-60ml volume range	1no	Rs 17,383/-	
12.	Electronic Weighing Balance	0.1 mg – 230gm	1 no	Rs10,500/-	

Head,
Department of Ecology and
Environmental Science