

Asansol Engineering College
Vivekananda Sarani, Asansol, West Bengal

Sealed tenders are invited from the interested reputed manufacturers & vendors for Desk Computers/ Equipment /Instruments under MODROB (AICTE), SOM Lab. For details please visit our Website: www.aecwb.edu.in



ASANSOL ENGINEERING COLLEGE

Vivekananda Sarani, Kanyapur, Asansol, Burdwan PIN - 713305
 Phone : (0341) 225-3057, 225-2108 Telefax : (0341) 225-6334/6800
 E-mail : dgp_aec@bsnl.in Website : www.aecwb.edu.in

List of Equipments & Technical Specification under MODROB scheme of AICTE for the up gradation of Strength of materials Lab.

Sl No.	Name of Equipments	Technical Specification	
1.	Rotary Bending Fatigue M/c with all accessories. Quantity:- one number	1. Bending Moment	10 Kgf-m
		2. Revolution	3000 RPM
		3. Counter	10,000,000
		4. Loading Lever	200 mm
		5. Loading Wt.	100 Kg minimum over 2 Kg
2.	Ultra sonic Flaw Detector with all accessories. Quantity:- one number	1. Frequency	0.5-12 MHz.
		2. Sensitivity	140+3dB
		3. Gain control	103 db in min 0.25dB steps
		4. Horizontal Linearity	± 1% of test range
		5. Vertical linearity	+ 1% FSH
		6. Accuracy of calibration gain	± 1 dB
		7. Test Range	10mm- 10m in steel
		8. CRT screen	70 x 55 mm
		9. Delay	0-500mm
		10. Suppression	0-50% of the screen height
		11. PRF	125Hz -2KHz coupled with test range.
		12. Test method	Pulse Echo/ through Transmission
		13. operating Mode	Single/Double/ (T/R) Mode
3.	Compression Testing Machine with all accessories. (Vibrator & Testing of sand, cement & Concrete chips) Quantity:- one number	1. Capacity	0- 3000 ×10 KN
		2. Ram travel	50 mm
		3. Day light Clearance	340 mm
		4. horizontal Clearance	400 mm
		5. platen Size	Dia. 300 mm



ASANSOL ENGINEERING COLLEGE

Vivekananda Sarani, Kanyapur, Asansol, Burdwan PIN - 713305
 Phone : (0341) 225-3057, 225-2108 Telefax : (0341) 225-6334/6800
 E-mail : dgp_aec@bsnl.in Website : www.aecwb.edu.in

Sl No.	Name of Equipments	Technical Specification	
4.	Digital Strain indicator with 10 channel switching and balancing unit. Quantity:- one number	1. Input	Full/Half/Quarter strain gauge based transducers.
		2. Excitation	4.5 V D.C
		3. Display	Digital 4-1/2 digit LED
		4. Sensitivity	20mV full scale
		5. Resolution	1 micron strain
		6. Gauge factor	1-10 continuously adjustable.
		7. Balance	10 turn potentiometer for bridge balance
		8. Analog O/P	2 v full scale at G.F 2.
		9. Operating source	220v A.C mains.50 Hz.
		10. Strain gauges	1. 120 ohm, G.F=2, gauge Length ¼ “
			2. 120 ohm, G.F=2, gauge Length ½ “
			3. 120 ohm, G.F=2, gauge Length 1/8 “
			4. 120 ohm, G.F=2, gauge Length 1/16 “



ASANSOL ENGINEERING COLLEGE

Vivekananda Sarani, Kanyapur, Asansol, Burdwan PIN - 713305
Phone : (0341) 225-3057, 225-2108 Telefax : (0341) 225-6334/6800
E-mail : dgp_aec@sancharnet.in Website : www.aecwb.edu.in

BID REFERENCE: AEC/ME/MODROB/SOM/2012

To

Dear Sir,

Subject: INVITATION FOR QUOTATIONS FOR SUPPLY OF GOODS MODROB (AICTE) SCHEME

1. You are invited to submit your most competitive quotation for the goods as per the list of articles uploaded in the College Website.
2. Bid Price:
 - (a) The contract shall be for the full quantity as described above. Correction, if any, shall be made by crossing out, initialing, dating and re-writing.
 - (b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
 - (c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - (d) The Prices should be quoted in Indian Rupees only.
3. Each bidder shall submit only one quotation. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.
4. The bid submitted by the bidder must comprise the following:
 - (a) Detailed technical specifications and Literature/drawings/manuals of the goods/services to be supplied;
 - (b) Authorized dealership certificate from the original manufacturer;
 - (c) Credentials and list of organizations where the bidder supplied similar items;
 - (d) Warranty / Guarantee period (comprehensive on-site) from manufacturer;
 - (e) Valid sales-tax clearance certificate.
 - (f) VAT Registration Certificate (wherever applicable)
6. Validity of Quotation:

Quotation shall remain valid for a period **not less than 60 days** after the deadline date specified for submission.
7. Evaluation of Quotation:

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e., which

 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.

The Quotations will be evaluated separately for each item.

8. Award of Contract:
The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price-
- (a) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time period to the award of contract.
 - (b) The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
9. Payment shall be made immediately within 30 days after satisfactory installation, Commissioning and acceptance of the good.
10. On-site comprehensive warranty shall be applicable to the supplied goods for a period of **12 months (minimum)** from the date of installation.
11. Sale Tax/CST, if applicable, should be charged.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any Nationalized bank of 5% of the order value towards **Performance Security** during the warranty period.
13. Settlement of any dispute will be made under the jurisdiction of Asansol Court.
14. You are requested to provide your offer latest by **16-00 hours on 2nd February 2012.**

We look forward to receiving your quotations and thank you for your interest in this project.

Principal-in-Charge
Asansol Engineering College, Asansol

The bid must be addressed to:

Principal – in- Charge

ASANSOL ENGINEERING COLLEGE

KANYAPUR, VIVEKANANDA SARANI, ASANSOL -713 305, WEST BENGAL

TELEPHONE: (0341) 2252108, 2253057, 2256334

FAX: 0341-2256334

Note: Kindly mark the envelope containing the bid(s)/Tender (s) on top left with respective "BID Number" as depicted in annexure.