



JIWAJI UNIVERSITY, GWALIOR

No. JU/BC/MPCST/AYUSH/ 2011/02

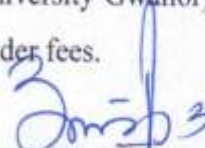
Dated: 27th Dec. 11

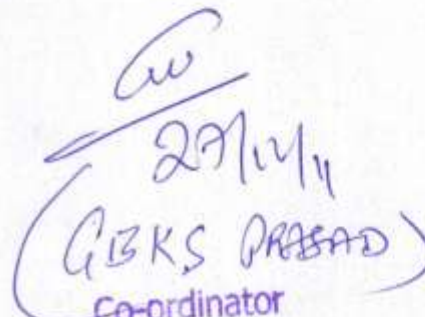
SHORT TENDER NOTICE

Sealed Tenders (Instrument wise) are invited from the manufacturers/ authorized dealers only for import /supply of laboratory equipments listed below. Only reputed firms having sales / income tax registration numbers are eligible to apply.

<u>S.No</u>	<u>Description of items</u>	<u>Quantity</u>
1.	Uv- Vis Double beam Spectrophotometer	01
2.	High Speed refrigerated Centrifuge	01
3.	Inverted microscope	01

Tender documents containing terms, conditions, specifications of the equipment can be obtained from the Coordinator, SOS in Biotechnology, Jiwaji University, Gwalior - 474011 up to 1.00 PM of 16th January 2012. The last date for submitting tenders is 3:00 PM on 17th January, 2012. Alternatively, the tender form may be downloaded from the website www.jiwaji.edu. The tender fee is Rs. 1000/- (D.D drawn in favour of Registrar, Jiwaji University Gwalior) for each equipment. Tender will not be considered if it is not accompanied by tender fees.


REGISTRAR


Co-ordinator

JIWAJI UNIVERSITY, GWALIOR 474 011

School of Studies in Biochemistry

Tender Form No. BC/ MPCST/AYUSH/2011/ 01

Name of work	: Supply of Double beam Uv- Vis Spectrophotometer, High speed Refrigerated centrifuge and Inverted microscope,
Last Date for purchase of Tender Document	:16.01.2012 at 1.00 p.m.
Last date for submission of Tender form	: 17.01.2012 at 3.00 p.m.
Tender Opening Date	: 18.01.2012 at 3.30 P.M. in the University office
Tender fees	:Rs 1,000.00
Earnest Money	: Rs. 15, 000 <u>per item</u>

Address for Tender Submission : Registrar, Jiwaji University, Gwalior -474011
Attention: Prof. GBKS Prasad

Important:

- 1. Order will be placed only to Manufacturer of the equipment and the price should include the cost of suitable stabilizer/ UPS.**
- 2. Each technical bid should also be accompanied by the questionnaire filled by the bidder.**

TERMS AND CONDITIONS OF JIWAJI UNIVERSITY, GWALIOR

Sealed tenders are invited for the supply of Double beam Uv- Vis Spectrophotometer, High speed Refrigerated centrifuge and Inverted microscope. Tenders will be considered subject to following terms and conditions.

- 1. Tenderers can obtain tender documents against payment of Rs 1000.00 by demand draft in favor of the Registrar, Jiwaji University, Gwalior, on or before 16.01.2012 on any working day. Tenders downloaded from the website should be accompanied by a DD of Rs. 1000/- (drawn in favour of Registrar, Jiwaji University, Gwalior) as tender fee, without which tender would not be considered.**
- 2. Separate tender should be should be submitted for each item**
- 3. Each tender must be accompanied by a bank draft drawn in favor of the Registrar, Jiwaji University, Gwalior for Rs. 15, 000 (per item) as earnest money. Tenders received without earnest money will be liable to be rejected and may not be considered.**
- 4. The last date for submission of Tender is 17.01.2012 before 3.00 P.M. at the office of the Head, SOS Biotechnology, Jiwaji University, Gwalior.**
5. Tenderer should agree for furnishing of Bank Guarantee from Nationalized bank upto 10% of the cost of the equipment during the warrantee period and extendable to at least five years or as many as desirable by the University so as to ensure proper and satisfactory working of the equipment.
6. The Tenderer should agree to execute an agreement for proper supply, installation and satisfactory working of the equipment exactly to the satisfaction mentioned.
7. The rates should be for FOR Gwalior. The prices should be inclusive of sales tax and other charges. The exact details of taxes should be given separately.
8. Being an educational Institution it is entitled to issue concessional sales tax certificate. No other sales tax form is issued. If concessional sales tax certificate is not acceptable to the supplier, the actual rate of sales tax to be charged must be clearly mentioned.
9. This institution is exempted from payment of Central Excise duty in terms of Govt. Notification No. 1097-Central Excise dated 01.03.1997. Necessary copy to be provided by the University.
10. For imported equipments the price should be without any custom duty. The institution is registered with Department of Science and Industrial Research (DSIR) Govt. of India vide Government Notification No. TU/V/RG-CDE(56)/2009 dated 26.11.2009 is exempted from payment of custom duty. Necessary certificate copy to be provided by the University.
11. If the rates are quoted Ex-Go down or FOR railway Station of dispatch then the tenders must also indicate charges towards packing and forwarding, railway freight etc. so as to compare these rates with those of others who have quoted FOR destination failing which such offer will be ignored.

12. Manufacturer name, their trademark and brand should invariably be mentioned in the tender and illustrated leaflets giving technical particulars / details etc. should be attached with the quotation to facilitate consideration of the offer.
13. The tender should quote their best willing price which should be firm from the period of 120 days from the due date of tender.
14. The minimum period of delivery of the material should be quoted. Ready stock offers will get preference.
15. The quantities of each item to be purchased may vary according to actual requirement at the time of placing order.
16. If there is any DGS &D rate contract of Government approved rates the same should be quoted enclosing the copy of the rate contract, which will get preference.
17. The tender should avoid the use of vague terms such as "extra as applicable". Such tenders will be rejected.
18. Printed conditions on the back of the offer submitted will not be binding unless separately mentioned.
- 19. Quotations for each item (as per serial number in the specification sheet) along with terms and conditions must be submitted separately in separate cover so that for individual item separate comparative chart could be prepared. This is very important.**
20. Advance payment either direct or through bank will not be accepted in any case. As per rule, full payment will be made after receipt of material, inspection there of and after satisfactory installation and working of the entire equipment.
21. The successful tender if so required by the University, shall place a Security Deposits in cash or furnish Bank Guarantee from the Nationalized Bank up to 10% of the total value of the order which is refundable after satisfactory execution of order within the stipulated delivery period. The penalty of half percent per week shall be imposed by the University, subject to a minimum of 10% for the delivery of the material. No interest shall be paid on the Security Deposit or Earnest Money.
22. The Tenders should clearly state regarding charges for installation, maintenance etc. of the equipment if any.
23. Offers received not according to our terms and conditions within the time prescribed shall be rejected. Delay due to postal service of any kind will not be considered for acceptance of the order.
24. In all matters of dispute the decision of the Registrar, Jiwaji University, Gwalior shall be final and binding on the tenderers.
25. The address of local office at Gwalior for maintenance along with the list of well reputed organizations who have purchased the same equipment should be provided.
26. List of spare parts must be supplied.
27. The test report of the equipment quoted from reputed Government organizations/ academic institutions must be submitted along with the offer.

28. In case of an authorized dealer Certificate from Manufacturer must be attached as proof.
29. Preference will be given to the companies having service center at Gwalior. Companies with ISO-9000 certificates will also be preference.
- 30. Date and time of opening is 18.01.2012 at 3.30 P.M. in the presence of intending Tenderers or their representatives who may like to be present in the University office, Jiwaji University, Gwalior.**
31. If any of the dates of the receipt opening the tender happen to be declared as holiday, the schedule will be shifted to the next working day automatically.
- 32. The sealed tender envelope should contain three sealed envelops. First super scribed as Technical Bid for Spectrophotometer, High speed Refrigerated centrifuge and inverted microscope . This should contain the specifications of the equipment & terms and conditions of supply. The second should be super scribed as commercial Bid for Double beam Uv- Vis Spectrophotometer, High speed Refrigerated centrifuge and Inverted microscope.**
- 33. The third should contain the Ernest money. These three separately sealed envelops should be placed in one sealed envelop and should be super scribed as Serial No. vide Tender no BC/ MPCST/AYUSH/2011/ 02 to be opened on 18.01.2012 at 3:30 P.M. Only those who fulfill the technical specifications shall be considered for opening the commercial bid.**
34. Canvassing for support in any form for the acceptance of any tender is strictly prohibited. Any tenderer doing so will render himself liable to the penalties which may include removing of his name from the register of approved suppliers.
- 35. Separate tender to be submitted for each item and the price should include cost of suitable stabilizer / UPS needed for the equipment.**
36. Tender should reach by speed post or registered post. Tender sent by courier, by hand telegraphic, fax and conditional tenders shall not be accepted.
- 37. Order will be placed only to the manufacturer and not to the dealer**
38. Any item or offer may increase in number or even might not be purchased without assigning any reason. Registrar, Jiwaji University, Gwalior reserves the right to accept or reject any or all tenders without assigning any reason there of.

Important Note:

Quotations along with terms and conditions must be submitted in duplicate separately in separate cover (with 15, 000 earnest money through DD) so that for individual set of equipment separate comparative statement could be prepared.

**Registrar
Jiwaji University**

QUESTIONNAIRE TO BE FILLED BY THE BIDDER AND SUBMITTED ALONG WITH THE TECHNICAL BID

1	Reputed manufactures of equipment (specified in the tender notice) or their authorized agents with well established sales and services facilities only need to respond to the tender notice.	Confirm / do not confirm to requirement
2	Separate quotations must be submitted for each item specified in the tender notice. Taxes, duties, packing & forwarding charge, transport and insurance charge may be separately indicated where applicable.	Complied / not complied
3	The make, model no., detailed specifications, illustrative pamphlets must accompany the quotations without which the quotations are liable to be rejected.	Complied / not complied
4	In case the bidder is an authorized agent, documentary proof to this effect must be enclosed with the quotation.	Enclosed / not enclosed
5	Bidder detailed company profile, information on after sale / service and test facilities available along with address and telephone no. of sale office and service centre catering to Gwalior must be given along with the quotation. Details of product & applications support available may also be indicated.	Information enclosed / not enclosed
6	The must indicate whether he is willing to supply complete circuit diagram, wiring diagram component layout diagram, service manual and component identification catalogue along with the equipment free of charge in case an order is placed with him. The supply of this literature will be considered as part of supply of equipment offered.	Will be supplied/ Cannot supply
7	The bidder must furnish a list of costumers to whom the equipment quoted has been supplied preferably in Central or Northern India. Name and contact telephone no. of the customer may be furnished.	Enclosed / not enclosed
8	Quotation must be furnished in sealed envelops separately for each item quoted under the tender. The name of the item quoted and tender notice particular should be clearly indicated in the top of the envelop.	Complied / not complied
9	Bidders are requested to carefully go through the specifications given in the tender and quote only when they are sure they have product specified to offer. In case of any doubt, the bidder can contact the Registrar, Jiwaji University, Gwalior on any working day with prior appointment.	Complied / not complied
10	Warranty details and terms and conditions of warranty must be given. If any component of the equipment quoted is not covered by the warranty, the same must be specified.	Complied / not complied
11	Bidder must indicate the year in which the model quoted by him was introduced in the market. Bidder must indicate whether he is willing to give an undertaking that all spare parts of the equipment quoted will be supplied as and when ordered for at least a period of 10 years from the date of supply and inability of supply the spares due to the obsolescence of the equipment will not be pleaded.	Complied / not complied
12	Where the equipment offered is controlled by a personal computer and it is possible to use an indigenous PC, the same should be quoted instead of an imported PC. The same would apply to a printer or any compiled other accessory or subsystem of good quality available in India.	Complied / not complied
13	Where the equipment offered is modular, the price break-up of individual modules/accessories/parts must be given. The bidder may not be given a change to indicate the price backup at a later date.	Complied / not complied

14	The bidder will furnish a test certificate along with complete test result and the test conditions for the equipment specifications offered in case an order is placed.	Agreeable / Not agreeable
15	Bidders must indicate whether he can arrange for comprehensive service training to staff of the instrumentation department on the model offered at his expense.	Yes / No
16	a) If an order is placed with the bidder, the bidder will install and test the equipment to its specifications at site of installation free of charge.	Agreeable / Not agreeable
	b) If it is not possible to test some specifications, the same may be indicated.	Agreeable / Not agreeable
17	The bidder is agreeable to install and test the equipment and undertake after-sales-service only through a factory trained certified engineer.	Yes / No
18	Bidder will carry out validation of the instrument offered at the time of installation at his cost.	Yes / No
19	Agency commission (percentage) payable in Indian Rupees should be mentioned in the quotation i.e. in “Commercial Bid”.	Complied / not complied / not applicable
20	Performance guarantee: In case the Purchase Order is placed, 10% of the equipment value has to be submitted as performance security deposit in the form of bank Guarantee till the completion of warranty period. a) On behalf of our Principal, we will submit the Bank Guarantee from the date of installation. b) Our Principals will submit Bank Guarantee (an undertaking should be submitted along with quotation from your Principal)	Agreeable / Not agreeable
21	The bidders must ensure that GLP principles are complied with. He must ensure that qualified and well-trained personnel are available to install the equipment and test the functions. The bidders must ensure that GLP compliance programmes are built in to the system and all these tests are carried out at the site of installation. Wherever required, the standards required to carry out such tests, must be provided by bidder with all the particulars of the standards like composition, weight, particulars and operating conditions etc. specified.	Specified / not specified
22	The bidders must be a member of the National Or International GLP Compliance Agencies.	Complied / not complied / not applicable
23	The bidders must carry validation test at the site of installation at his own cost.	Yes / No
24	The bidders must also mention the frequency at which the validation test are to be carried out and if so that cost of such analyses.	Information provided / not provided / not applicable

Note: 1) Unless the questionnaire is completely filled in and detailed information provided as required, your offer is liable to be rejected.

2) Complete questionnaire should be signed by the bidder and sent along with the quotation in Technical Bid and a copy in Price Bid.

Further Instructions

1. Technical bid and price bid should be submitted separately under sealed covers and both the envelopes put together in another cover which should be sealed. This is to ensure that if the technical bid qualifies with the laid down specifications and configurations, only then price bid will be opened. Otherwise the price bid will automatically get rejected along with the technical bid not fulfilling the specifications/ configurations. The envelope should be super-scribed as "Technical bid for _____(Name of the equipment)". "Quotations for price bid for (Name of the equipment)", envelope super-scribing "Quotations for _____(name of the equipment) & Tender document No. _____" respectively.
2. **EMD: EMD SHOULD BE KEPT IN SEPARATE sealed COVER**
3. The technical bid must have the following enclosures:
 - a. True copy of the commercial bid but with the prices omitted. All items quoted must be clearly indicated.
 - b. The original D.D. of the EMD should be kept in a separate sealed cover along with the Commercial bid.
 - c. Photocopy of the EMD should be enclosed with the Technical bid without showing the amount.
 - d. Detailed literature, illustrative pamphlets, company profile, customers list & questionnaire duly filled.
4. The three sealed envelopes (i. Technical bid ii. Commercial bid iii. EMD) should be kept in outer sealed cover.
5. Latest income tax and sales tax clearance certificate must accompany the technical bid.
6. Authorized dealers should submit a copy of valid dealership certificate along with quotation.
7. **Last date for the receipt of the sealed quotation shall be on or before 17.01.2012 at 3.00 P.M.**
8. Late/ delayed offers will not be accepted.
9. Conditional, telegraphic, tenders by hand or by courier shall not be accepted.
10. In event of any date indicated above is a declared holiday the next working day shall become operative for the respective purpose mentioned therein.
11. **The technical bids will be opened in the presence of the bidders or their authorized representatives on 18.01.2012 at 3.30 P.M. in the University Office, Jiwaji University, Gwalior. It is the responsibility of the bidders to present themselves at the time of opening of the technical bids.**
12. The Registrar of Jiwaji University reserves the right to accept or reject any offer in part or whole without assigning any reasons whatsoever.
13. The tender document can be downloaded from the website of the university. The Downloaded tenders should accompany a draft of Rs 1000.00 towards the tender fee.

Signature of the Bidder with Seal

List of items

- 1. Uv- Vis Double beam Spectrophotometer**
- 2. High Speed refrigerated Centrifuge**
- 3. Inverted microscope**

TECHNICAL SPECIFICATION FOR DOUBLE BEAM Uv- Vis SPECTROPHOTOMETER

Optics		Double Beam
Spectral Bandwidth		Variable 0.5, 1, 1.5, 2nm
Light source		Tungsten –Deuterium
Wavelength	Range	190 to 1100 nm
	Accuracy	± 0.1 nm @ 656.1 nm D2
		± 0.3 nm (190 to 1100 nm)
	Repeatability	± 0.1 nm
	Scan Speed	10, 100, 200, 400, 800, 1200, 2400, 3600 nm/min
	Response Speed	Fast, Standard, Slow
Photometric	Range	-3 Abs to +3 Abs / 0 to 600% T
	Readout	ABS, %T, Concentration
	Accuracy	± 0.002 Abs (0-0.5 Abs)
		0.002- 0.004 Abs (0.5 - 1.0 Abs)
	Reproducibility	± 0.001 abs/hr stability
Baseline	Stability	0.0002 Abs 500nm @ 1 hours after power on
	Noise Level	0.00016 Abs RMS @ 500nm
	Flatness	±0.002 (200 – 950 nm)
Stray Light		≤ 0.02 % (340 nm NaNO ₂)
Display		LCD display /PC adaptable
Out put		USB port and Parallel port (printer)
Other functions required		Should be able to measure In terms of concentration factor Should be able to perform kinetic studies Rate/time - Abs/min upto 100 min for kinetic studies, delay time, positive or negative slope activity calculations using factor. Memory for storage of programs/methods/ results.

TECHNICAL SPECIFICATIONS FOR REFRIGERATED CENTRIFUGE

Centrifuge type : Bench model

Rotors with flexible adapters:

Swing bucket rotor (up to 6000 rpm) with adaptors for 10 ml 15 ml 50 ml tubes

Fixed angular rotor (up to 15,000 rpm) with adaptors for 10 ml 15 ml 50 ml tubes

Control system : Micro processor control (Brushless motor)

Speed, RCF, Time, G- Sec, Tem, Accelaration, & Deccelaration, with memory of programs

Abnormally Detected Display : Lid open, imbalance, Over speed, Abnormally high temperature, Function for detecting an occurrence of electrical abnormality in motor, inverter, lid interlock, speed sensor and temperature sensor.

Acceleration/ deceleration: Minimum three levels switching: Rapid, slow and super slow

Indicators : Digital Display with Hold and flashing

Tempetaure setting and indication: Digital Display in 1⁰C increments setting and indication from -10⁰ c to ambient temperature.
Microprocessor controlled brake system required for Rapid, slow and super slow microprocessor controlled.

TECHNICAL SPECIFICATION FOR INVERTED MICROSCOPE

Stand - Inverted Microscope for transmitted light in Bio-Medicine incl. stage with 3 position stage support (changeable by 180° turn). Infinity optics with tube factor 1x. Port for exchangeable and rotatable observation- and phototubes with 20 mm field of view.

Transmitted light illumination 100W halogen / Light emitting diode [LED]

Automatic adjustment of illumination to the contrast method. Auto off Function. :LED with service life of 50,000 hours.

Phase contrast – For all magnification levels without any installation or adjustment.

Object Guide - Object guide can be easily adapted to the left or right of any of the fixed work stages (also heating stages).

Object Holder - Suitable for fixed stages with object guide of inverted microscope

Observation Tube – Trinocular Phototube with 45° viewing angle, and vertical camera port with selectable light path [100% photo or 100% visual]. The port is positioned 88mm to the left side and allows an unobstructed view of specimen at all times

EYEPIECE HC PLAN 10X/20 BR./M

Condenser with long free working distance of 40 mm and a numerical aperture of 0.45. Esp. for high magnification or thick specimen. For BF, PH

Phase Contrast Lightring set PH0, PH1, PH2 for Condenser

Obj. HI PLAN 4x/0.10

Objective PLAN 10x/0.25 PH1

Objective PLAN L 20x/0.40 PH1

Objective PLAN L 40x/0.50 PH2

Dust cover for stand without camera attachment

Microscope should have facility to upgrade with 100W Hg Fluorescence

Digital Fire Wire Camera Kit

High speed color digital camera for on screen microscope image display

Max scaled Resolution 3072x 2304

Various image size from small to very large 7MPixel

CMOS sensor Progressive scan

Color filter RGB . Color depth 30bit

Live preview with 25images per second

Supported operating system PC win 2000, XP

Software – Should have Image analysis software for automatic calibration , point to point measurement of all microscope images , annotation etc.

Hardware – Latest Core to duo PC with Fire wire card , 3.0 Ghz , 320gb HDD, 2gbRAM , 18.5” TFT monitor UPS etc.

Power supply and mains leads