

**OFFICE OF THE DEAN, COLLEGE OF AGRICULTURE,
R.V.S. KRISHI VISHWA VIDYALAYA GWALIOR 474002 (M.P.)**

SHORT TENDER (SEEMIT NIVIDA) NOTICE FOR THE PURCHASE OF EQUIPMENTS

(IPRO/Pl. Path./2017-18/ 3511 Date- 01/03/2018)

Following equipments are to be procured at College of Agriculture, RVSKVV, Gwalior. This procurement will be carried out through Short Tender. Two bids are invited for supply of these equipments by registered post/speed post only to the Dean, College of Agriculture, Gwalior upto 12/03/2018 (Monday) at 5:00pm. The opening date is 13/03/2018 at 11:00 am.

S.N.	Name of the Equipment/ Item/Structure Document	EMD (Rs.)
1.	High speed table-top refrigerated centrifuge	8,000.00
2.	Gradient Thermal cycler	5,000.00
3.	Double Beam UV Vis spectrophotometer	8,000.00
4.	High resolution photographic trinocular microscope	3,000.00
5.	Computer, Laser Printer and UPS	1,000.00

Please read and follow the instructions carefully to avoid the rejection of the short tender.

**Dean
College of Agriculture, Gwalior**

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DEPOSITING THE BIDS:

Following documents to be submitted in hard copy in a separate sealed envelope for each bid (Technical and Price bids) by **Speed Post/Registered post** so as to reach prior to bid submission closing date upto 12/03/2018 (Monday). The opening date is 13/03/2018 at 11:00 am. The responsibility to ensure this lies with the Bidder. Details are as follows:

Envelope – I: Technical Bids: will contain the following documents:

- Detailed technical write-up highlighting the model Name/Number, features of the equipment offered and / or Technical literature/manuals.
- Certificate for acceptance of terms and conditions of short tender enquiry on firms letterhead.
- Original equipment manufacturer (OEM) certificate or authorized dealership /distributorship certificate as applicable.
- Last 3 (three) years income tax return.
- Audited Balance Sheet of Last 3 (Three) years.
- TIN number/PAN Number/Certificate/GST number
- Business Registration Certificate.
- Supplier should have at least average annual turnover of Rs. 25 Lakh for equipment for last two year.
- Scanned Copy of EMD (or exemption proof, if exempted) as shown against each item.
- Compliance Certificate: Certificate of clause by clause compliance of specifications as mentioned in short tender.

(ii) **Envelope - II: Commercial/Price bid:** will consist the following documents.

- EMD as shown against each item (in original) or proof of exemption **(NIS Certificate against exemption from deposition of EMD should be strictly for only indigenous manufactured items not for items of foreign origin/manufactured in foreign countries other than India. Otherwise claim is not valid and tender will not be accepted.)**
- Short Tender conditions: Acceptance Certificate in form of downloaded Short Tender documents duly stamped and signed (other than price bid).

- Client list/ List of users on manufacturers' letter head duly stamped and signed.
- Guarantee/warranty on manufacturers' letter head.

GENERAL TERMS AND CONDITIONS:

1. Only the manufactures /or their authorized dealer/distributors need to submit their short tender. The authorized firms should furnish a certificate from the manufacturer for their dealership/distributorship in original with the physical bid otherwise the offer will not be considered.
2. No person or firm shall submit more than one Short Tender for the same item. No offer should have more than one model quoted; in case of more than one alternate offer only the first option will be considered.
3. It is mandatory to provide all the relevant information in **Annexure-I**.
4. Broad-based specifications of equipment/items *etc.* are given in **Annexure- II** of purchased short tender.
5. a. Short Tender must be submitted in sealed cover to the Dean, College of Agriculture, RVSKVV, Gwalior **474002** by **Registered/Speed Post**, so as to reach on or before given date (12/02/2018).
 - b. Belated tender due to postal or any other delay will be rejected.
- c. **The Short tender for each item should be sent separately. The duly sealed envelope should super scribe- TENDER FOR THE ITEM No..... (NAME OF THE EQUIPMENT) DUE ONwith reference number.**
 - d. The short tender offers should have a validity upto financial year (2017-2018) from the due date.
 - e. The short tender will also be valid upto 30/03/2018 from the date of opening.
 - f. R.V.S. KrishiVishwaVidyalaya (RVSKVV) reserves the right to extend the opening due date.
 - g. All the leaflets in the offer should be marked with signature and seal of authorized person.
- 6.a. The rates quoted should preferably in Indian Rupees (Rs.) for a **single complete unit** F.O.R. delivery at RVSKVV, Gwalior. The rates quoted should be inclusive of packing and forwarding charges/loading/unloading/handling charges/freight/full risk coverage/insurance, *etc.* In case of imported goods all the expenses towards custom duty, clearing charges and transportation with insurance will be borne by the firm/tenderer and they must quote the rates FOR, RVSKV, Gwalior.
 - b. Excise duty/Sales Tax/GST/Custom duty (with and without concession certificate) and other levies, if any should be shown separately and the total price of each item should be worked out incorporating the same.
 - c. Any other charges, such as technical service charges, cost of training, installation charges, TA/DA

of tenderer's staff *etc.* if any, should be shown separately for each item and each sub-item and the total price of each item should be worked out incorporating the same.

7. The tenderer should ensure to supply the material/item in good condition and the losses during transit will have to be bear by tenderer.
8. The tenderers must provide guarantee/warranty on **manufacturers' letterhead** of satisfactory functioning of the equipment/system and free service including free replacement of parts for a period of at least **3 years** from the successful and satisfactory installation of the equipment/system. Original to be deposited by the successful bidder at the time of supply.
9. **Performance Guarantee:** The Successful bidder/supplier will be required to furnish a Performance Guarantee in the form of FDR from a public sector bank or a private sector bank authorized to conduct government business (ICICI Bank Ltd., Axis Bank Ltd or HDFC Bank Ltd.) for a sum equal to **5%** of the Supply Order value within 30 days of signing of the Supply Order. Performance Bank Guarantee will be valid up to 60 days beyond the date of warranty.
10. **Offer must be accompanied by Earnest Money as stated against each item in the form of FDR from a Nationalized Bank jointly in favour of "Dean College of Agriculture Gwalior, RVSKVV, Gwalior" and the bidder without the earnest money in the above form, the offers will be rejected.**
11. The standard terms and conditions of payment is in full only after the installation is affected to the satisfaction of RVSKVV authorities. In specific cases, Letter of Credit (LC) may be opened in any of the Nationalized Bank.
12. In case of equipment to be imported, import license NMI/CDE certificates, as applicable will be arranged by RVSKVV, as per the Government procedures.
13. Please quote maximum discounted price, as no further negotiations will be made.
14. Complimentary items/gifts offered will not be given any preference and will not be taken into account for calculating the cost of the item.
15. **The offer must mention make, model all the specifications of the item clearly. The company must enclose printed literature/catalogue/manufacturer's web-site showing detailed technical specifications required.** A folder showing many instruments without detailed technical specification, or tailor made literature mentioning "yes" or "as per your specifications" for the specifications asked for, will not be considered. Specifications given in the offer must match to the website and/or printed technical literature otherwise the offers shall be rejected.
16. Technical specifications of the equipment / items have been very clearly formulated by the users/experts of the field as per the requirement of the work to be conducted. It will be sole discretion

of the bidder whether to quote or not for an equipment with particular specifications.

17. Firm must provide a compliance statement vis-à-vis specifications in a following “tabular form” clearly stating the compliance, supported by technical literature with clear reference.

This statement must be signed, with the company seal, by the Tenderer for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification of the offer.

Name of Equipment:		
Technical Specification	Compliance (Y/N)	Deviation, If any

- 18.** Offer must be accompanied with a comprehensive list of users on manufacturers’ letterhead, wherever possible bidders may also provide certificates for satisfactory working of the equipment from users of universities and institutions of repute.
- 19.** a. If so desired by RVSKV, the bidders shall have to enter in to an agreement.
b. Any wrong information about item, any forged document and any deviation, variation of non-compliance of the terms and conditions by the tenderers shall be considered as a breach of contract and RVSKVV reserves the right to forfeit the amount of earnest money and/or security deposit in full and take action as per legal arrangement.
- 20.** Should there arise any dispute, the Hon'ble Vice Chancellor, RVSKVV, Gwalior shall be the sole Arbitrator whose decision in the matter shall be final and binding. Each and every judiciary transaction shall be subjected to Gwalior only.
- 21.** The short Tender will not be considered if the firm does not supply a copy of the TIN/ GST& PAN allotted to it. PAN of the owner or any other persons will not be accepted.
- 22.** This short tender is being issued with no financial commitment and the Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the short tender at any stage.
- 23.** RVSKVV reserves the right to accept or reject any or all offers in full or in part without assigning any reason (s) thereof. It also reserves the right to place and order wholly or in part with one or more than one firm as it may be convenient to RVSKVV, Gwalior.
- 24.** The tenderer shall have to give an undertaking that the terms and conditions as mentioned above of this tender are acceptable to the tenderers in form of downloaded Short Tender documents duly

stamped and signed (other than price bid).

25. If firm wishes, they can send their representatives, duly authorized in writing, to attend the Technical Evaluation and clarification regarding bids.

Date:

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**SUPPLEMENT / CHECK-LIST TO BE PROVIDED WITH
TECHNICAL BID**

ITEM No. _____ NAME OF EQUIPMENT _____

S.No.	Information required	Proposed
1.	Make of main item	
2.	Model of main item	
3.	Name of manufacturer of Main Item	
4.	Country of origin of main item	
5.	Name, Make and model of sub item I (if any)	
6.	Name, Make and model of sub-item II (if any)	
7.	Name, Make and model of sub-item III (if any)	
8.	Delivery within (days)	
9.	Rate of Excise duty (%) with surcharge, if applicable (item-wise if different ED is applicable)	
10.	Rate of GST (%) livable. If no, state basis and terms of the exemption.	
11.	Is Service Tax extra? If yes, rate of Service Tax livable (%)	
12.	Is Custom Duty Exemption (CDE) required? If yes, Rate of Customs Duty (%) payable.	
13.	Any other Taxes / Duties / Entry taxes <i>etc.</i> in %	
14.	Order to be placed on	
15.	Guarantee/Warrantee (2-3 years)	
16.	Validity (upto financial year)	
17.	FOR:RVSKVV, Gwalior	
18.	List of current users (Attach, if any)	
19.	Compliance of equipment with current directives of ISI / CE / EEC / US / EU or equivalent standards	
20.	Whether manufacturer / authorized distributor? (Attach original certificate)	
21.	Technical literature (Attach, if any)	
22.	Earnest money (EMD) attached in form of FDR (attach original)	

23.	Situations of Authorized service centers/ service personals <i>etc.</i> (Provide complete address)	
24.	Relevant documents such as ITCC, ST registration shop Act. establishment certificate, factory registration <i>etc.</i> (enlist and attach)	
25.	TIN and PAN allotted (attach a copy)	
26.	GST number	
27.	Performance guarantee in the form of FDR (Equal to 5%)	
28.	Any other relevant information	

DECLARATION

The terms and conditions as mentioned in the short tender are acceptable to us.

Authorized Signatory (Seal of the Firm)

SPECIFICATIONS OF ITEM

ITEM NO. 01 HIGH SPEED TABLE-TOP REFRIGERATED CENTRIFUGE WITH REQUIRED ACCESSORIES

- Maximum Speed upto 18000 rpm and 30,130xg with a brushless motor.
- Temperature range should be between -10°C to 40°C, should be able to maintain 4°C at maximum speed.
- It should be possible to program fast cooling with preset date and time.
- It should be possible to store programs with quick access program keys.
- Speed setting should be possible in both rpm and ref.
- It should be possible to program compressor shut off after 08 hours of non-usage of the centrifuge.
- Should have the flexibility to accommodate rotors for different formats of tubes starting from 0.2 ml PCR tubes up to spin column tubes (6 x 15/50 ml).
- Rotors- (i) Aerosol tight fixed angle rotor for 30 x 1.5/2.0 ml tubes (ii) Fixed angle rotor for 6 x 15/50 ml Falcon/ conical tubes
- Rotor lids should have a Quick Lock-system for secure lid closing and opening.
- It should be possible to operate the centrifuge at set rpm, for short spin protocols
- Instrument should be CE Certified.
- It should be supplied with suitable voltage stabilizer & warranted for 2 years from the date of installation.
- Supply operating manual in English.
- The price of all the other accessories included in the specification should be quoted separately.

ITEM NO. 02 GRADIENT THERMAL CYCLER

- 96 x 0.2 mL and 1 x 96-well PCR Plate
- Temperature control of block: 4 to 99°C.
- Temperature control mode: Fast, standard and safe, with possibility to adjust ramp rates
- Gradient should be capable of running at the specified ramping rates.
- Block Homogeneity (20 – 72°C): ±0.3°C; (95°C): ±0.4°C
- Control Accuracy: ±0.2°C
- Heating rate: 4°C/Sec; Cooling rate: 3°C/Sec.
- Intuitive graphic programming.
- Display large LCD touch screen, upto 8.0 inch.
- Auto restart option in event of Power failures
- Display to indicate cycler number in a network, with possibility to network at least 5
- Must have following interfaces: Centronics, USB, CAN in, CAN out
- Should have calibration certificate from reputed international agencies.
- Must have CE, ISO certification.

- Two years warranty from the date of installation.
- Compatible online UPS with at least 30 minute power backup should be provided.
- The price of all the other accessories included in the specification should be quoted separately.

ITEM NO. 03 DOUBLE BEAM UV-VIS SPECTROPHOTOMETER

- Wavelength range : 200 - 850 nm
- Spectral bandwidth: ≤ 4 nm
- Wavelength increment : 1 nm
- Systematic wavelength error : ± 1 nm
- Random wavelength error : ≤ 0.5 nm
- Photometric measuring range: 0.0 to 3.0 A at 260 nm
- Photometric reading accuracy: $\Delta A = 0.001$
- Random photometric error: ≤ 0.002 at $A = 0$, ≤ 0.005 (0.5%) at $A = 1$
- Systematic photometric error : ± 1 % at $A = 1$
- Quartz Cuvette : 2 sets (1.5 ml capacity of 10 mm path length)
- Display upto 5.0" VGA TFT display and keypad
- Should allow transfer of measured data to PC by connecting the device directly to PC with or without any software in addition to transfer the data via USB stick.
- USB for connection to compatible PC/laptop/ thermal printer.
- Compatible online UPS with at least 30 minute power backup should be provided.
- Supply operating manual in English.
- Available Power supply: 220/230V, 50/60 Hz with the connecting cords.
- Supply operating manual in English.
- The price of all the other accessories included in the specification should be quoted separately.

ITEM NO. 4 TRINOCULAR PHOTOGRAPHIC MICROSCOPE

- Infinity Optical System
- Sidentopf-type Trinocular Tube
- Provision for Bright field/Dark field & Phase contrast observations
- Eye piece : wide field, 10X with Diopter adjustment facility on both objectives
- Objectives :
 - 4x/5x – plan achromat or higher
 - 10x – plan achromat or higher
 - 20x – plan achromat or higher, Suitable for Bright field/Dark field, Phase contrast observations
 - 40x – Plan achromat or higher, Suitable for Bright field/Dark field & Phase contrast observations
 - 100x – oil immersion, Plan achromat or higher
- Suitable phase contrast torrent Condenser & centring Telescope

- Illumination: High intensity halogen/LED, Suitable for Bright field/Dark field & phase contrast.
- Image documentation: High sensitivity/high resolution dedicated digital camera with firewire connectivity.
- Image analysis: Software for analysing (Measuring image stitching, object counting, time laps etc.) and documenting the captured images
- UPS – reputed brand with 30minutes backup
- Minimum 1-2 year warranty
- Two additional halogen bulbs, dust cover, fuse & Immersion oil
- The price of all the other accessories included in the specification should be quoted separately.

Item-05

(i) Desktop Computer

- Display-18.5 inch, Processor-core i5,
- RAM-4 GB DDR3,
- HD drive-1 TB HDD,
- Operating system-window,
- Optical drive-DVDRW, 2.0 multimedia speaker with power on/off status,
- Total security antivirus-3 year validity,
- Warranty-1 year manufacturing and dust Cover.

(ii) All in one Computer

- Display-18.5 inch, Processor-core i5,
- RAM-4 GB DDR3,
- HD drive-1 TB HDD,
- Operating system-window,
- Optical drive-DVDRW, 2.0 multimedia speaker with power on/off status,
- Total security antivirus-3 year validity,
- Warranty-1 year manufacturing and dust Cover.

(iii) Laserjet Printer:

- Laserjet, black and white,
- Letter size printable paper A4.

(iv) Multifunctional Laserjet Printer:

- Scanner, photocopier, printer
- Laserjet, black and white,
- Letter size printable paper A4.

(v) UPS:

- 600-650 VA
- 15 minute backup
- Indicators: mains presence, UPS mode, Battery low, Overload Battery.

College Level Technical Specification Committee

1. Dr. V.S. Kandalkar, Professor, Department of PB &G , COA, Gwalior (Chairman)
2. Dr. Reeti Singh, Professor & Head, Department of Plant Pathology - (Member)
3. Dr. R K Pandya, Professor, Department of Plant Pathology, Gwalior (Member)
4. Dr. Ajay Kumar. Cont. Teacher, Department of Plant Pathology, Gwalior (Member)

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