



राष्ट्रीय आयुर्वेद वेक्टर जनित रोग अनुसंधान संस्थान

केन्द्रीय आयुर्वेदीय विज्ञान अनुसंधान परिषद, आयुष मन्त्रालय, भारत सरकार

नई राजीव नगर, पायकापुरम, विजयवाडा-५२००१५(आ.प्र.)

**National Ayurveda Research Institute for Vector Borne Diseases**

Central Council for Research in Ayurvedic Sciences, Ministry of Ayush, Govt. of India

New Rajiv Nagar, Payakapuram, Vijayawada-520 015 (A.P.), India

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## TENDER DOCUMENT FOR PROCUREMENT OF LABORATORY EQUIPMENTS/ITEMS

AT

**National Ayurveda Research Institute for Vector Borne Diseases  
Vijayawada**

**Tender No.: 1/2015, Dated: 15.05.2015**

**Date of Issue of Tender Document :** From 16<sup>th</sup> May 2015

**Last Date of Submission of Tender:** 10<sup>th</sup> June 2015 up to 1.00 p.m

**Date & Time of opening Tender :** 10<sup>th</sup> June 2.00 p.m

**Cost of Tender Document :** Rs. 200/- (Non-Refundable) **for each equipment separately** by cash/ Demand Draft in Favor of "National Ayurveda Research Institute for Vector Borne Diseases, Payable at Vijayawada.

**Earnest money Deposit :** 3% of approximate cost of tender

**Period of validity of approved rates:** 6 months from the date of accepting the tenders or till the supply is completed

**Place of opening of bids :** Conference hall, 3<sup>rd</sup> floor National Ayurveda Research Institute for Vector Borne Diseases, New Rajiv nagar, Payakapuram, Vijayawada



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## NOTICE INVITING TENDERS

Tender No.: 1/2015, dated 15.05.2015

Assistant Director in-charge, National Ayurveda Research Institute for Vector Borne Diseases (NARIVBD), Vijayawada invites Sealed Tenders in two – bid system from Reputed Manufacturers and authorized dealers/Suppliers for procurement of laboratory equipments/items.

Detailed Description and Term & Conditions of Tender Document may be seen and downloaded from CCRAS website [www.ccras.nic.in](http://www.ccras.nic.in) or may be obtained directly from the Administrative section , 3<sup>rd</sup> Floor, NARIVBD, New Rajiv nagar, Payakapuram, Vijayawada on any working day from 16<sup>th</sup> May 2015 to 9<sup>th</sup> June 2015 from 10.00 Hrs to 17.00 Hrs on Payment of Tender Document Cost of Rs.200/- (Non Refundable) **for each equipment separately** in the form of cash or DD, drawn from any Nationalized Bank in favor of **National Ayurveda Research Institute for Vector Borne Diseases, Payable at Vijayawada**. Last date of submission of tenders is 10<sup>th</sup> June 2015 (Up to 13.00Hrs).

This tender document has schedules and appendices as follows

- Annexure - I : List of equipments with approximate cost and EMD
- Annexure - II : Information to Bidders
- Annexure - III : Details of Bidder
- Annexure - IV: Bidder Form
- Annexure - V : Terms and conditions of the contract
- Annexure - VI: Price bid format
- Annexure - VII: Technical specifications of equipments
- Annexure – VIII – Check list



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*Annexure - I*

**List of equipments with estimated cost and EMD:**

S.No	Name of the Item	Approximate cost In Rs	EMD In Rs	Cost of Tender document In Rs
1	12 lead ECG Machine - 1	1,50,000	4,500/-	200
2	Computed Radiography System (CR System) -1	8,00,000	24,000/-	200
3	UV-Vis Spectrometor-1	3,00,000	9,000/-	200

Note: Tender document fee and EMD should be paid separately for each equipment. Tender document fee may be paid in the form of cash/DD. The EMD should be paid in the form of DD only.



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## Information to Bidders

1. The services required, bidding procedures, bid form, contract terms and instructions are prescribed in the bidding documents. The bidder is expected to examine all the instructions, forms, terms and conditions, specifications, schedule to tender, and other documents before quoting. Failure to furnish all information required or submission of bid substantially responsive to the bidding documents in every respect will be at the bidder's risk and may result in rejection of its bid.
2. **Separate Tenders should be submitted for each equipment.** The tenders should be addressed to the undersigned in a sealed cover superscripted "**Tender for supply of equipment/instruments with the name of equipment**". Unsealed tenders or tender which is not in the prescribed form will be rejected out – rightly.
3. Intending tender should send their tenders so as to reach the office on due date and time given in document. Tender received after the specified date and time will not be accepted on any account. Authorized supplier will attached along with tender a valid and authorization letter of original manufacturer that the equipment will be maintained by them. Tenders with price variation clause and /or subject to any condition are liable to be rejected.
4. The Tenderer may quote for anyone or all the items mentioned (Separate tender for each item) in the list in accordance with the manual and mechanical capacity and feasibility. **For one item only one tender should be submitted.** The details of specification are given in Annexure VII.
5. The sealed cover of the tender should reach to this Institute by registered post or may drop in the tender box kept in the office not later than 1:00 PM on 10.06.2015. The received tenders will be opened on same day at 2:00 PM in the presence of the Tenderer/ representatives as may wish to be present.
6. The arrangements that will be made on the result of the tender will be governed by the terms and conditions enclosed (Annexure -V).
7. The competent authority have right to accept or reject the tender whole or its part. His decision in the matter shall be final and binding.
8. The Submission of a tender shall be taken to signify your acceptance of the stipulated terms and conditions.
9. Any failure to observe the prescribed procedure and any attempt to canvass for the work will disqualify the tender to participate in the tendering process
10. The tender will be in force till the completion of the supply, the decision of the competent authority of the institute (in all these matters) shall be final and binding on the parties. The Contract can be terminated by the Institute at any time by giving one month's notice in writing without assigning any reason



## 11. SUBMISSION OF BIDS

### Sealing and Marking of Bids:

The bidder must submit separate bid for each equipment. The bid should be in two sealed envelopes separately as mentioned below:

**Envelop No. 1:-** Called "Technical Bid Envelop" containing:-

- a) Earnest money deposit: The bids submitted without the EMD will be summarily rejected. No request as to submission of EMD at a later date will be entertained.
- b) Documents established Bidders eligibility ( Technical Bid)  
The following documents should be submitted along with the Technical Bid in the Sequence mentioned below: Each Page will be duly signed and serially numbered. Corrections or overwriting duly attested.
  - i) Copy of valid Regional/State Sales Tax/TIN registration certificate (Copy of the same to be attached)
  - ii) Details of Permanent Account Number(Copy of the same to be attached)
  - iii) Income Tax Clearance Certificate duly countersigned by ITO.
  - iv) A Valid Letter of authorization from the manufacturer to participate in this tender.
  - v) Detailed compliance statement for the item quoted with a clear 'complied' or 'Not Complied 'as per the specification.
  - vi) List of major spare parts to be submitted.
  - vii) Copy of CE/FDA approvals for the quoted products.

**Envelop No 2:** Called "Financial Bid Envelop" which shall contain duly filled prescribed Bid Form (Price Bid as per Annexure VII) containing the rates offered. Both the Technical Bid and Financial Bid Envelops shall be sealed separately and shall clearly indicate Envelop No.1 – Technical Bid "and Envelop No.2- Financial Bid "respectively.

Both the sealed envelopes shall be kept in single envelop superscripting the Tenders for equipment with the name of equipment for which tender submitted and shall be addressed to the Assistant Director In charge, National Ayurveda Research Institute for Vector Borne Diseases, New Rajiv Nagar, Payakapuram, Vijayawada – 520015 (A.P.).

Please write the Tender Notice No. and name of equipment on each Envelop and seal all the envelopes.



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Annexure - III

**Details of Bidder**

S.No.	Required Details	
1	Name of the Bidder	
2	Address of the Bidder	
3	Contact No.	
4	Fax No.	
5	Mobile No.	
6	E mail	
7	Name of Authorized Signatory	
8	Sales Tax/CST No	
9	Income Tax No /PAN/ TIN/ GIR No.	
10	Details of latest income tax Returns certificate	
11	Name of the equipment for which bid submitted with model no and manufacturer details	
12	Year of Establishment of Bidder along with authorization letter from manufacturer stating that they will guarantee the after sales support	
13	Name and address of Banker along with AC.No. and IFSC code attested by the banker	
14	EMD Details DD No and date, Amount in rupees and Name of Bank	



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**BIDDER FORM**

Name of Firm .....

Address .....

.....

To,

The Assistant Director in-charge  
National Ayurveda Research Institute for Vector Borne Diseases  
New Rajiv Nagar, Payakapuram  
Vijayawada

Sub: Tender for supply of Laboratory Equipments/instrument

Sir,

I/We here by tender to undertake the supply of equipments/instruments under the annexed general conditions of contract, the whole of the items referred to and described in the attached specifications and schedule., or any portion thereof as may be decided by the authority of the Institute as the case may be, at the rates quoted against each. The materials will be delivered within the time and at places specified.

1. Subject: Name of the item for which tender is given:  
Tender No. /
2. Full Name of the Tenderer .....
3. Consignee Officer/ Institute Name : Assistant Director-in-charge, National Ayurveda Research Institute for Vector Borne Diseases, Vijayawada.
4. Amount of Tender document Rs 200/- have been deposited in Cash(TR NO Dated ) / D.D. No. .... dated .....
5. Income tax/Sales tax certificate enclosed- Yes/No
6. D.D. No. .... dated ..... for Rs. .... towards EMD drawn in favor of National Ayurveda Research Institute for Vector Borne Diseases, payable at Vijayawada has been deposited.
7. I/We abide by the Terms/Conditions as enclosed with Tender/Document and will not violate in any case.

Place

Name of the Firm with Seal

Date

Signature of the Tender



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TENDER NO. ....

**TENDER CONDITIONS**

1. Sealed quotations are invited. The approximate cost or the item/items will be Rs. ....  
The EMD @ 3%. of the approximate cost of item Rs. .... (Annexure 1) is required to be deposited through D.D.drawn in favor of National Ayurveda Research Institute for Vector Borne Diseases payable at Vijayawada. Cheque/F.D.R. for this Amount is not acceptable. Without depositing proper EMD amount the tender will not be considered at all.

The Tender should be reached this Institute on or before dated 10.06.2015 up to 13.00 hrs. Received Tenders will be opened on dated 10.06.2015 at 14.00 hrs (2.00 PM) in presence of representative /suppliers

2. The Tender document can be obtained from the Accounts Sections, NARIVD, New Rajiv nagar, Payakapuram, Vijayawada on any working day between 10.00 AM to 5.00 PM by making payment of Rs. 200 /- in cash for each equipment. The downloaded tender form cost Rs.200/- for each equipment in the shape of D.D. drawn in favour of, National Ayurveda Research Institute for Vector Borne Diseases, payable at Vijayawada along with EMD amount, D.D. will have to be deposited separately. Failing which tender form will not be accepted.
3. Only real manufacturer or Authorized dealers possessing facilities of service and to change the spare parts etc. need to apply for which a certificate of the real manufacturer or authorized dealership is to be enclosed. Failing which tender will be cancelled.
4. Rate should be quoted by downloading the Form from the website or obtaining it from the institute as per specification and specification of the machine/item.
5. Tender document should be completed by ball pen and signed on each page by the Tenderer of the machine / item . Overwriting/Cutting etc. should be well attested by Tenderer.






6. The Institute reserve the right to forfeit the EMD in case of making any change by the tenderer in rates or/and in the conditions. In the event of any deviation in any of the conditions the loss occurred to this Institute will be made good by forfeiting security deposit and EMD so deposited by the Tenderer. In case the loss sustained is not made good by forfeiting security deposit/EMD the same can also be made good from any of the movable or immovable property of the Tenderer.
7. The rate should be quoted very clearly on the basis of measurement, number mark and make etc. including payment of all kinds of duties/taxes etc. The delivery has to be made to the Institute FOR. In case the tax/duty is required to be paid separately it should be indicated very clearly to arrive at the actual cost.
8. The Tenderer has to enclose with Tender, copy of PAN card/Income tax and Sales tax clearance certificate duly self attested. In the absence of same, the tender is liable to be rejected.
9. The goods/material has to be supplied within the stipulated period and time as indicated in the Purchase order. The institute will not be compelled to take delivery of the goods/material after expiry of the time limit and security deposit will be forfeited.
10. Delayed supply can be accepted by imposing 10% penalty of the cost of the equipment / item. The supplier cannot compel the Assistant Director-in-charge, NARIVBD, Vijayawada to reduce or ignore it as it will depend on the condition and decision taken by the Assistant Director-in-charge
11. Institute is not abide to purchase the goods even if the rates are minimum.
12. The Tenderer will be responsible for all kinds of breakage/pilferage etc. occurred to the machines / material during the course of supply of goods.
13. Assistant Director-in-charge, NARIVBD, Vijayawada reserves the right to accept or reject the tender partially or in totally without assigning any reason, thereof.
14. The rates are to be quoted as FINAL. No discount is to be shown separately.



15. Based on requirement the limits of purchase can be increased/decreased No argument in this connection from the Tenderer will be entertained. The payment will be made to successful Tenderer after deduction of 5% security amount from the bill and the same will be refunded after guarantee period.
16. EMD will be refunded to successful Tenderer after satisfactorily supply/installation and deducting 5% Security deposit from the bill.
17. The tender can be rejected for non performing satisfactorily /non supply of material.
18. Necessary TDS as per rules will be deducted from the bill presented by Tenderer for which photocopy of PAN card should be enclosed with tender document.
19. The quoted rates shall remain valid for a period not less than 180 days after the deadline fixed for submission of quotation.
20. Payment will be made after delivery of the goods/equipments and satisfactory installation of the equipment i.e. 30 days with in their acceptance through cheque/E-payment.
21. Notwithstanding the above, Assistant Director-in-Charge, NARIVBD, VIJAYAWADA reserves the right to accept or reject any quotation and to cancel the bidding process and reject all the quotations at any time and stage prior to awarding purchase order.
22. In order to make in E-payment the following information to be given in the quotation letter
1. Name of the organization/supplier with full address.
  2. Name of Bank, Branch code with full address
  3. Account number and type of account
  4. IFSC Code (Indian Financial System Code)

All kinds of disputes arising from either side sharing the course of supply/ transaction will be resolved in Vijayawada judicial territory



  
Assistant Director-in-charge

*Annexure - VI*

**Price Bid Format**

Name of equipment	Ex.Factory/ Ex.show room cost	Custom duty & Excise duty	CST against Form-D	Packing & Forwarding transportati on	Incidental service	Total unit price	Quan tity	Total Price

**Note:** Total price including taxes etc should be clearly mentioned as per the above format only.

Name of the Bidder

Signature with Date

Seal



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*Annexure VII*

**1. Specifications for 12 lead ECG Machine**

S. No	Specifications	Compliance	
		Yes	No
1	12 channels with interpretation is required for recording and analyzing the waveforms with special software.		
2	The ECG machine should be able to acquire all 12 Leads simultaneously and interpret them.		
3	Should acquire simultaneous 12 lead ECG for both adult and paediatric patients		
4	Should have real time colour display of ECG waveforms with signal qualify indication for each lead		
5	Should have Artifact, AC and low and high pass frequency filters.		
6	Should have full screen preview of ECG report for quality assessment checks prior to print.		
7	Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and pediatric patient.		
8	Should have alphanumeric keyboard for patient data entry, virtual or hard keys.		
9	Should have High Resolution (200 dpix500dpi on 25 mm/sec speed) digital array A4 size printer using thermal sensitive paper.		
10	Should have report formats of 3x4; 6x2, Rhythm for up to selected leads, 12 lead extended measurement, 1 minute of continuous waveform data for 1 selected lead.		
11	Should have battery capacity of at least 30 ECG or 30 minutes of continuous rhythm recording on single charge.		
12	Should be able to be connected to HHIS/LAN/Wireless LAN (Optional)		
13	Should display ECG on LCD/TFT display of 640x480 pixel resolution.		
14	USB support (optional) for storage on external portable memories.		
15	System Configuration accessories spares and consumables ECG Machine 12 leads with interpretation -01 Patient Cable -02, Chest Electrodes Adult (set of Six) - 02 sets Limb Electrodes (set of 4) – 02 sets, Thermal paper A4 size for 500 patients		
16	Environment factors The unit shall be capable of operating continuously in ambient temperature of 10-40 degree C and relative humidity of 15-90%. The unit shall be capable of being stored continuously in ambient temperature of 0-50degree C and relative humidity of 15-90%. Shall meet IEC-60601-1-2:2001 (or equivalent BIS) General requirements of safety of electromagnetic compatibility.		
17	Power Supply : Power input to be 220-240 V AC, 50 Hz fitted with Indian plug Resettable over current breaker shall be fitted for protection.		
18	Standards and safety : Should be FDA or CE/ISO approved product Electrical safety conforms to standards for electrical safety IEC -60601-1 General Requirements and IEC-60601-2-25 safety of Eletrocardiograms. (OR EQUIVALENT BIS standard)		
19	Documentation : User manual, Service Manual, List of important spare part and accessories, Certificate of calibration and inspection from factory.		
20	3 Years Warranty		

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## 2. Specification for Computed Radiography(CR) System

S. No	Specifications	Compliance	
		Yes	No
<b>Image reader (CR Reader) / Digitizer</b>			
1	Digitizer/image Reader should be capable to handle high work load		
2	Processing Capacity 60 Plates/Hour for 14"x17" size.		
3	Minimum image preview time should be less than 50 sec.		
4	Depth acquisition resolution should be of 12 bits		
5	Unit offered should have at least 2 types of Scanning as general Resolution & high resolution.		
6	It should have be able to process cassettes of size 8" x 10", 10"x12", 14"x14", 14"x17" & 18x24cm, 24x30cm		
<b>Dedicated advanced work station</b>			
7	The CR System should have advanced workstation provided with 17" high resolution Monitor, Keyboard & mouse		
8	It should be capable of processing raw image data of the CR Reader / Digitizer		
9	It should have post processing facilities like window level adjustments, image flipping, rotating , image zooming, edge enhancement , latitude reduction, image noise reduction, grey scale saturation feed back electronic shuttering& etc. Cardio index/Distance/Angle/Rectangle CT/Pelvis Analysis.		
10	Edge enhancement, latitude reduction & noise reduction should be providing in console of workstation.		
11	It should be able to pan & zoom the image directly when required, to check the quality of the image.		
12	Should be provided with Multimodality processing software capable for Multimodality connectivity & printing capability and should be capable to connect USG, CT, MRI etc.		
13	Should have facility of customizable presets.		
14	The workstation should also have an option to connect to additional viewing workstation for doctor's room.		
15	It should be DICOM COMPATIBLE		
<b>Dry Laser Camera/ Imager:</b>			
16	A dry IMAGER of latest technology should be provided with the system, with the following features:		
17	Print technology should be dry laser/thermal.		
18	Printing resolution should be not less than 300DPI for standard resolution printing.		
19	Processing capacity: It should be able to print at least 80 sheets/hour of 14"x17" size.		
20	Pixels depth architecture/grey scale resolution should be 12 bits of more.		
21	It should have compatibility of networking & connectivity –there should be provision of direct connectivity to any DICOM modality & on installation there should be available essential provision of connection to at least 5 DICOM Modalities simultaneously, for high volume centralized US, CT, MRI, NM, CR & DR, C- ARM Printing applications.		



22	It should single/dual on line slot/tray can be able to print all regular film sizes 14x17, 11x14, 10x12 & 8x10 inches as per user can be freely configurable. Film size change over time less than 3 sec.		
23	It should be capable of printing in different layouts & multiple formats on a single film. Customized layouts & formats should be independent of film size. It should be capable of printing multiple images of single patient in single size.		
24	The system should be supplied with suitable UPS with a backup of 30 minutes .		
25	The system should be CE/USFDA approved.		
	<b>Standard Accessories:</b>		
26	Floor Mounted full Length chest stand		
27	Suitable UPS at least 30 Min. back-up		
28	CR Cassettes & IP Plates :14x17: 2 Nos, 10x12: 2 Nos, 08x10: 2 Nos		
29	<b>Warranty for 3 years</b>		

### 3.Specifications for UV Spectrophotometer

S.No	Specifications	Compliance	
		Yes	No
1	Should be Double beam 1200L/mm optical system, two chambers quartz tubes fixed wave length range should 190-1100nm Fixed or variable slits		
2	Wavelength accuracy 0.1 nm		
3	Photometric accuracy 0.005 ABS		
4	Light source – Halogen lamp		
5	Easily operative Online software application.		
6	Should be ESB data output parallel port for printing		
7	Auto sitting wave length		
8	CE/ISO/US FDA approved		
9	3 years Warranty.		



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## CHECKLIST

Name of Tenderer:

S. NO	Activity	Yes/No/NA	Page No. In TED	Remarks
1	Have you enclosed EMD of required amount for the quoted schedules?			
2	Have you enclosed clause-by-clause technical compliance statement for the quoted goods visà-vis the Technical specifications?			
3	In case of Technical deviations in the compliance statement, have you identified and marked the deviations?			
4	Have you kept validity of 180 days from the Techno Commercial Tender Opening date as per the TE document?			
5	Have you enclosed duly filled Tender Form as per format			
6	Have you enclosed Power of Attorney/ Authorisation in favour of the signatory?			
7	Have you submitted manufacturer's authorization			
8	Have you submitted the certificate of incorporation?			
9	In case of Indian Tenderer, have you furnished Income Tax Account No. as allotted by the Income Tax Department of Government of India?			
10	In case of Foreign Tenderer, have you furnished Income Tax Account No. of your Indian Agent as allotted by the Income Tax Department of Government of India?			
11	Have you intimated the name and full address of your Banker(s) along with your Account Number			
12	Have you furnished Annual Report (Balance Sheet and Profit & Loss Account) for last three years prior to the date of Tender opening?			
13	Have you submitted the Quality Control Requirements as per Proforma given the TE document?			
14	Have you accepted delivery period as per TE document?			
15	Have you accepted the terms of delivery as per 'DDP at consignee site basis'? 16 Have you accepted the warranty/CMC as per TE document?			
16	Have you accepted all terms and conditions of TE document?			
17	Have you fully accepted payment terms as per TE document?			
18	Have you submitted copy of the order(s) against the above end user certificate (s)?			

