



अनुवांशिकी संभाग

**DIVISION OF GENETICS,**

भा. कृ. अ. प. भारतीय कृषि अनुसन्धान संस्थान

**ICAR-INDIA AGRICULTURAL RESEARCH INSTITUTE,  
NEW DELHI - 110012**



F.No.GD/SP/66/2018-19/

Dated: 06.12.2019

**Tender Notice**

2019\_DARE\_525093\_1

**Sub: Purchase of UV-VIS-Nano Spectrophotometer**

**Online open tenders** are invited by the Head, Division of Genetics, IARI New Delhi-110012 on behalf of Director, IARI New Delhi from reputed manufacture0c/Dealer/Supplier in two-bid system (Technical bid & Financial bid) for purchase of **UV-VIS-Nano Spectrophotometer** as per following details . The last date for submission of Bid is on **27.12..2019 at 1.00 PM**. The bid will be opened on the **28.12.2019 at 3.00PM** in this Division of Genetics IARI New Delhi-12 by the prescribed committee.

*Please visit [www.iari.res.in](http://www.iari.res.in) for Details Rules and Regulation and Log on [www.eprocure.gov.in](http://www.eprocure.gov.in) for online tender submission.*

S. N.	Description of item	Qty.	Earnest Money (Rs.)
1	UV-VIS-Nano Spectrophotometer	one	12000.00

**Instructions to the bidder and terms & conditions of tender:**

1. The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.
2. The rates quoted in INR shall be free of cost delivery and installation at the **Division/Unit of Genetics, IARI, New Delhi – 110012**. However, equipment quoted in foreign currency must be quoted on FOB as well as in CIP basis
3. Indigenous equipment maybe quoted in INR only. However, imported equipment maybe quoted in foreign currency on FOB basis showing price up to CIF. If firm fails to quote the rates accordingly, the tender will liable to be rejected.
4. In case, LC is opened for purchase of Foreign equipment all charges outside India will be borne by the firm.
5. Custom Duty Exemption Certificate (CDEC) will be issued only when the bid is quoted in foreign currency in case of foreign made items only and meant for IARI
6. Full specifications of the item/article quoted for shall be given in the quotation.
7. If taxes, duties or any other charges over and above the rates quoted leveable, actual percentage of such taxes/duties/other charges should be clearly indicated.

8. EMD as mentioned above should be in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi. The original EMD should be submitted offline to the Tender Inviting Authority on or before the last date and time of bid submission. The details of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee physically sent, should tally with the details available in the scan copy and the data entered during the bid submission time otherwise the uploaded bid will be rejected.
9. The EMD shall be refunded to the unsuccessful bidders after finalization of the quotation. In case of successful bidder, it can be adjusted towards security deposit which is 5-10% of the order value in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of Director, IARI payable at New Delhi and shall remain valid for 60 days beyond the date of completion of all contractual obligation of supplier including warranty obligation for the equipment/goods costing Rs.1.00 lakhs (Rs. One Lakh) or more. However, there would be no performance security deposit for equipment/goods costing less than Rs. 1.00 lakh (Rs. One Lakh).
10. One-year warranty has to be invariable provided on the equipment/items by the firm. In case, there is any variation in the warranty period given in tender while mentioning the specification of the item/equipment, the warranty period shall be the final as given in the specification.
11. Payment will be made by mode of e-payment to the supplier/firm after satisfactory completion of work and receipt of pre-receipt bills in triplicate in case of indigenous supply. For Foreign goods L/wire transfer mode will be applicable.
12. The Director IARI, New Delhi reserves the right to accept or reject any or all the quotations either in full or in parts without assigning any reason.
13. TIN/VAT/PAN/C.S.T. Nos. Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.
14. In case, any dispute arising out of this contract shall be subject to the jurisdiction of Indian laws & Court at New Delhi. Sole arbitrator is appointed by the Secretary, ICAR, New Delhi. His decision will be final and binding on both parties (Supplier and Purchaser)
15. The successful bidder has to execute the indented Job/Work as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by this office failing which 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the job is not completed within the given stipulated period.
16. Quotations not complying with the above conditions are liable to be rejected.

(Laxman Singh)  
Admin Officer  
011-25843811

Copy: to in- charge AKMU to up load at IARI website

## UV VIS spectral photometer

<p style="text-align: center;"><b>Specifications</b></p> <p style="text-align: center;"><b>UV VIS spectral photometer</b></p>	<p>Whether Complied With YES/ NO</p>	<p>If yes, please attach Tech literature of the equipment duly printed &amp; clearly specify page No of Bulletin which specifically confirm this</p>
<p>System should be Efficient and robust UVVIS spectral photometer with Highly flexible exchangeable adapters for different cuvettes</p>		
<p>System should have 2D Scanning Area to adapt to different centre height &amp; system should have capacity to use Single samples or simple serial measurements in a Walk-Away principle for high throughput sample load</p>		
<p>System should be PC or stand-alone control by 10" tablet PC</p>		
<p>System should have High-precise optics combined with a powerful xenon flash lamp with the following Analytical specifications :</p> <p>Wavelength precision <math>\pm 0.5</math> nm  Spectral resolution <math>\geq 1.2</math> nm (FWHM @ Hg 253.7 nm)  Absorbance accuracy 2 % @ 230 nm  Absorbance range 0.02 - 300 (10 mm equivalent, @ 250 nm)  Baseline deviation <math>\pm 0.02</math> A  Photometric reproducibility <math>\pm 0.01</math> A (@ 546 nm)  Optics measuring principle Polychromator system with symmetric Czerny-Turner  Detector Linear CCD detector optimized to UVVIS applications  Read out time 4 sec per spectrum  Wavelength range 220 – 1,000 nm (0.5 nm steps)  Memory capacity not limited on PC or tablet  2D Scanning Area for different centre height of 8.5 to 15 mm</p> <p><b>Following Sample parameters are must for the system:</b>  Number of samples 1 to 16 sample @ 2 path length parallel using advanced high optical chipcuvette  Sample amount 0.3 <math>\mu</math>l up to 2 ml  Sample handling -Measurement of samples by using cuvettes (10 mm)  System should come with adaptor available for measurements without using consumables for economic workflow &amp; should take care high throughput sample workload</p>		

System should have the following ready to use adaptors with in one system for superior flexibility : -Standard cuvette up to 10 mm (0.1, 0.2, 0.5, 1, 2, 5, 10 mm) for measurement of volume up to 2.0 ml -cuvette with path lengths 0.1 mm, 1.0 mm Both with measuring sample volume Min. 0.3 µl min to 4.0 µl for parallel processing of at least 16 samples - Adaptor for 1-4µl volume range sample measurements without using any consumables up to 8 samples in one run		
System should have minimum Warranty of 2 warranty on device system		
1. Are your registered with TAN, PAN and VAT/CST/LST Deptt., if yes please mentioned all the details and attached copy of the Same.	Yes/No	PAN No. TAN No. VAT No.
2. Heave you deposited EMD /- Original EMD is to be submitted to the Admn. Officer, Genetics before closing date of tender (refer condition No. 8)	Yes/No	Amount..... DDNo/FDR/BG No.... Name of Bank.....
3. Have you enclosed latest authorization certificate resting with sufficient validity period from manufacturer/Principal foreign firm	Yes/No	Enclose copy
4. Have you ever been debarred/ Black listed by the Govt. deptt./Court of law for doing any business in India attach self-declaration certificate in this regard	Yes/No	Enclose copy

We certify that Equipment being offered by us under this tender meets all the above requirements. Concealing of any fact regarding specification of equipment being offer will liable to reject our tender. We accept the terms and conditions of the tender indicated there in.

**Signature of renderers with office seal**