

**DIVISION OF FLORICULTURE AND LANDSCAPING
ICAR-Indian Agricultural Research Institute, New Delhi-110012**

File No. 1-12/2018-19/FLS/Spectrophotometer/798

Dated: 28.12.2019

Tender ID - 2019_DARE_531274_1

Subject: Purchase/Supply of double beam UV-visible spectrophotometer along with accessories at the Division of Floriculture & Landscaping, IARI, New Delhi-110012

Online quotations are invited from reputed Manufacture/Dealer/Supplier in two bid system (Technical bid & Financial bid) for purchase of following Scientific Equipment/Items on behalf of Director ICAR-Indian Agricultural Research Institute, New Delhi. The last date for submission of Bid **17-01-2020** at 1.00 PM. The bid will be opened on dated **18-01-2020** at 15.00 hrs by the prescribed committee.

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 cost of delivery and installation at the Division of Floriculture and Landscaping, IARI, New Delhi-110012. Costs of imported item/equipment manufactured in abroad, should be quoted in the currency of manufacturing country on FOB basis and showing price upto CIF. Quotation in Indian Rupees will be accepted if the good/equipment is manufactured in India, otherwise the bid will be liable to reject.
3. 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.
4. In case the bid is offered in Indian Rupees on FOR value basis than CDEC/DSIR certificate will not be given by the institute at all. However, GST as applicable will be paid by the Institute as per rule.
5. The successful bidder will have to provide the original Performa invoice from the foreign principal (duly signed in ink), in case of imported item/equipment, within **15 days** of the date of receipt of purchase order, otherwise the purchase order will automatically stand cancelled without any further communication.
6. Full specification of the item/equipment quoted for shall be given in the quotation along with scanned copy of brochure/literature/pamphlet/drawing etc. Scanned copy of User list of the quoted equipment may also be additionally provided for reference.
7. If taxes, duties or any other charges over and above the rates quoted leviable, actual percentage of such taxes/duties/other charges should be clearly indicated.
8. If the bid is submitted by the authorized dealer on behalf of the Manufacturer/OEM, than scanned copy of valid authorization certificate of the Manufacturer/OEM must be provided otherwise bid will not be considered.

9. As per CVC's guide lines No. 12-02-6 CTE-SPJ (1)-2/161730 (Circular No. 3/1/12 dated 13/01/12 , in a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender. Further if an agent submits bid on behalf of the Principal/OEM the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.
10. Supply is to be made by any convenient mode of transport at supplier's risk unless otherwise specified.
11. In case the material is supplied through an authorized agent, manufacturer shall be responsible for the successful installation of the equipment. The manufacturer shall be liable to any penal action for the shortcomings of the authorized agent. Any payment that is to be made separately to the agent shall be clearly mentioned in the quotation.
12. The bid should be accompanied with **earnest money of Rs. 20,000/-(Rupees Twenty Thousand only)** 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 to the tender inviting authority on or before last date and time of online bid submission. The detail of DD/Pay order/FDR/Bank Guarantee physically sent should tally with the details available in the scanned copy and data entered during the bid submission time otherwise the uploaded bid will be rejected.
13. No interest on security deposit and earnest money deposit shall be paid by the institute to tenderer.
14. 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 favor 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 Lakh(Rs. One Lakh) or more. Here would however, be no performance security deposit for equipment/goods costing less than Rs. 1.00 Lakh (Rs. One Lakh).
15. **One year** warranty has to be invariable provide by the firm. In case, there is any variation in the warranty period given in the specification of the item/equipment, the warranty period shall be the final as given in the specification.
16. 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 foreign currency payment shall generally be made through LC directly to the manufacturer.
17. 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.
18. Quotations not complying with the above conditions are liable to be rejected.
19. Original EMD shall be send/deposited at administrative office Division of Floriculture & Landscaping, IARI, New Delhi-110012.
20. TIN/VAT/PAN/CST/GST /ISO Nos. may be given on the Quotation.
21. AMC/CMC charges shall not be included for the evaluation of the financial/commercial bids.

22. Financial Bid will be opened of those firms who qualify in Technical bid.
23. There will be no exemption for paying earnest money. However, Firms registered with the Central Purchase Organisation/NSIC only are exempted submitting bids without EMD. (Scanned copy of registration must be attached therewith without which it will not be considered)
24. 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 to both parties (supplier and Purchaser).
25. The successful bidder has to execute the indented material as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by the unit/Division of this Institute failing which 2% per week and maximum of 10% deduction as liquidated damage charges will be made from the bill in case the material is not supplied within the given stipulated period.
26. **Concessional GST:** Indian Agricultural Research Institute, New Delhi-110012 is a Research Institute other than Hospital Registered under Department of Scientific and Industrial Research (DSIR), Govt. of India and is entitled to avail concessional rate of Goods and Service Tax (GST) in terms of Ministry of Finance notification 45/2017 – Integrated Tax Dated 14.11.2017. Institute is eligible for concessional GST@5%. Institute will provide certificate in this regard if specifically asked for.

The scanned copy of following documents must be furnished with the technical bid failing which tender will not be accepted at all.

1. Scanned copy of TIN/VAT/LST/CST/GST.
2. Scanned copy of Pan Card.
3. Scanned copy of current authorization letter issued from manufacturer/principal Firm in original.
4. Scanned copy of Earnest Money Deposit (EMD) or scanned copy of registration from Central Purchase Organization/NSIC.
5. Scanned copy of broacher/literature/pamphlet/drawing.
6. **Scanned copy of self-certification that firm has not been debarred/black- listed by the Govt. Department/court of law for doing business in India and no criminal legal suit is pending or contemplated against it.**
7. Scanned copy of compliance statement in accordance with the tender technical specification.
8. **Scanned copy ISO and check specifications.**
9. Scanned copy of the tender document duly signed by the concerned firm accepting the same.

Sr. No.	Name of Scientific Equipment/Item	Quantity
1	Double beam UV-Visible Spectrophotometer with accessories as per specifications at Annexure-I	One

Copy uploaded on IARI website: www.iari.res.in & CPP Portal website (www.eprocure.gov.in).

Asstt. Admn. Officer

Annexure-I

TECHNICAL SPECIFICATIONS FOR DOUBLE BEAM UV-VISIBLE SPECTROPHOTOMETER

- Light source (lamp) should be of tungsten, deuterium with automatic changeover.
- Type of optical system should be true double beam
- Range of source wavelength should be from 190 to 1100 nm or better
- Monochromator type shall be of holographic grating along with diffraction grating of 1200 lines/mm with 200 mm and above focal length
- Detector should be stable Si diodes/Photo Multiplier Tube for Sample and Reference
- Spectral Bandwidth should vary from 0.5 to 10 nm or better
- Wavelength accuracy should be +/- 0.1 nm at D2 peak @ 656.1 nm, +/- 0.3 nm for full range; wavelength reproducibility : +/- 0.1 nm
- Photometric range should be from -4 to +4; photometric accuracy should be +/- 0.002A (0-0.5 Abs) and +/- 0.004A (0.5-1 Abs) and photometric reproducibility should be +/-0.001 Abs @ 0.5 Abs.
- Stray light and base line correction should be automatic
- Photometric Noise : < 0.00005 Abs or better (at 700 nm, RMS)
- Maximum Scan Rate : 3000 nm/min or better
- Maximum Slew Rate : 8000 nm/min or better
- Temperature should be from 10- 40° C; Relative Humidity from 30-80% and non-condensing
- Multi sample facility of six and above
- Software should be system compatible original Licensed
- Software should be quoted with following capabilities :-
 - a. Multi- component measurement -Software should measure Kinetics, DNA/RNA quantity, Absorbance, Transmittance and Reflectance at the full or selected Wavelength with real-time spectral displays and live instrument and accessory status bar.
 - b. Software should have facility to export data to Clip board, CSV file, Excel file, BMP file, ASCII file, JCAMP file Zoom In / Out, Add / Edit Labels, etc.
 - c. Software should have facility for fully integrated scan, kinetic, and wavelength program data collection mode.
- Supply quartz cuvettes of capacity from 1.5 ml to 3.5 ml– 2 sets
- System must be future upgradable with 50 mm Integrating sphere, 8 position multi cell holder, 6 position peltier controller, Fiber optic probe and advanced transmission holder.
- Compliance statement along with every above mentioned point should be submitted with relevant literature, specification sheets and brochures. Any deviation from specifications should be clearly mentioned in compliance statement.
- UPS Power Back up : 2 KV online UPS for at least 1 hr. back up with branded batteries
- Branded PC (i7/above) with 8GB RAM, 2 TB HDD, Flat Screen Monitor (24''), Optical Mouse, Keyboard, pre-loaded Windows 10 or above, 64 bit, UPS, and LaserJet Printer having scanner and photocopier should be quoted along with system.
- Warranty: 2 Years comprehensive warranty on whole machine along with on all accessories.
- Authentication /Catalogue: Original catalogue from principal company to verify specifications quoted. Fabricated computer generated brochure will not be accepted.
- On-site installation, demonstration and training.
- ISO / other certificate : ISO9001 Certificate and CE Certificate