

DIVISION OF AGRICULTURAL PHYSICS
ICAR-Indian Agricultural Research Institute, Pusa, New Delhi-110012

File No. AP/7-30/ 2019-20

Dated: 13/05/2019

Tender Notices

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 01-**06-2019** at 1.00 PM. The bid will be opened on dated **03-06-2019** at 15.00 hrs by the prescribed committee.

Please visit www.iari.res.in for Details Rules and Regulation and Log on www.eprocure.gov.in for online.

Sl. No.	Name of Scientific Equipment/ Item	Quantity
1.	Soil moisture probe along with Data logger and Installation Kit	One

Instructions to the bidder and terms & conditions of tender:

The rates quoted shall be valid for a minimum period of 180 days from the last date fixed for submission of bid.

1- The rates quoted shall be free of cost delivery and installation at the Division/Unit of Agricultural physics y, IARI, New Delhi – 110012. However, equipment quoted in foreign currency must be quoted on FOB/ CIP basis

2- 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

3- Full specifications of the item/article quoted for shall be given in the quotation.

4- If taxes, duties or any other charges over and above the rates quoted livable, actual percentage of such taxes/duties/other charges should be clearly indicated.

5- **EMD of Rs. 27500/- Rupees Twenty Seven Thousand Five Hundred only** should be 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. The original EMD should be submitted to the Tender Inviting Authority on or before the last date and time of offline 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 enter during the bid submission time otherwise the uploaded bid will be rejected.

6- No interest on security deposit and earnest money deposit shall be paid by the Institute to tender.

7- 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 lakhs (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).

8- One year warranty has to be invariable provided 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.

9- Payment will be made by mode of e-payment to the supplier/firm after satisfactory completion of work and receipt of pre-receipt bills triplicate.

10- 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.

11- Quotations not complying with the above conditions are liable to be rejected.

12- TIN/VAT/PAN/C.S.T. Nos. Scanned copy of TIN/VAT/PAN/C.S.T. Nos may be attached with the bid.

13- 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, and New Delhi. His decision will be final and binding on both parties (Supplier and Purchaser)

14- 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.

Firms should 3 years experience in this line, proof should be enclosed.

Sl. No.	Description / Specification of the Equipment/ Item	Approximate Cost
1.	Name of Equipment : Soil moisture probe along with Data logger and Installation Kit Specification : As per Annexure -A	Rs 550000/-Five lakh .Fifty Thousand

Asstt. Admn. Officer

ANNEXURE-A

Specification of Soil moisture probe along with Data logger and Installation Kit

Battery operated portable instrument for measurement of in situ soil moisture in the field. The instrument should measure soil moisture up to a depth of 1 m, with 5-6 near-equal depth increments. All measurements should be taken at the same time, without moving or lifting the instrument. A list of technical specifications is given below:

1. The instrument should be battery-operated, light-weighted and portable.
2. The measurement is for soil moisture (volumetric, m^3/m^3 or %) with an accuracy of within second decimals.
3. The instrument should measure moisture content for a completely dry soil (<5% soil moisture) and a very wet/saturated soil (>30% moisture).
4. Max length of the probe will be 1 m
5. Resolution of depth should be 0-10, 10-20, 20-30, 30-40, 40-60 and 60-100; therefore the sensors should preferably be placed at 10, 20, 30, 40, 60 and 100 cm or similar depth increments (at least 5 sensors).
6. The instrument should take observations at the above depths simultaneously without lifting or changing the position of the probe.
7. User should be able to feed the specific calibration data for each specified depth for the soil under study.
8. The instrument should be provided with a data logger or a portable meter to read, transfer and store data for multi-location (minimum 300 sites/locations) measurements. It should also be able to transfer the data to a PC.
9. The instrument should be less sensitive to soil salinity.
10. Access/guide tube should be provided (length>1m, and diameter at par with instrument diameter) for guiding the instrument into the soil. A minimum of 30 tubes is to be supplied with the probe.

The installation kit should provide ease to install and extract the access tubes carry all the units to the field.

