

By Speed Post



**Division of Agricultural Engineering  
ICAR- Indian Agricultural Research Institute, New Delhi – 110 012**

F.No. 142/2018-19/AE

Dated : 04-09-18

As per list attached

**Subject: Online Tender for - Digital dynamometer-IARI**

Sir,

Online bids are invited in two bid system (i) Technical bid (ii) Financial bid on behalf of Secretary, ICAR, New Delhi from eligible bidder for purchase of **Digital dynamometer**. The submission for above equipment through online is **25-09-2018** upto 1300 hours. The bid will be opened on **26-09-2018** at 1500 hours.

**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 the receipt of quotations.
2. The rates quoted shall be for free delivery and installation at the Division/Unit ICAR-IARI, New Delhi – 110 012. However, item/equipment quoted in foreign currency must be quoted on FOB basis and showing price upto CIF.
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, VAT as applicable will be paid by the Institute as per rule.
5. The successful bidder will have to provide the original proforma invoice from the foreign principal (duly signed in ink), in case of imported item/equipment at the earliest but positively 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 specifications of the article quoted for shall be given in the quotation along with literature/pamphlet/drawing etc. User list of the quoted document 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, then valid authorization certificate of the Manufacturer/OEM must be attached with the bid, otherwise bid will not be considered.
9. As per CVC's guidelines No.12-02-6CTE-SPJ(1)-2/161730 (circular No.3/1/12) dated 13/1/2012, 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 if any shall be clearly mentioned in the quotation.
12. The bid should be accompanied with earnest money of **Rs. 10,000/- (Rs. Ten 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 as mentioned against each of the item/equipment together with the technical bid, in the absence of which the price bid, if any, will not be opened under any circumstances.
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 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. 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 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.
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 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. Scanned copy of GST/PAN Nos may be given on the Quotation.
20. In case of equipments, technical and financial bids are to be prepared and placed on different sealed envelopes. The envelopes should then be placed in one single envelop and submitted. If technical & financial bids are not given separately, it will be rejected out rightly without assigning any reason.
21. AMC/CMC charges shall not be included for the evaluation of the financial/commercial bids.

22. 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)
23. The successful bidder has to execute the indented material/items as mentioned in the supply order placed with them within the stipulated period as given in the supply order placed by the Unit/Divisions 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.

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

1. **GST No.**
2. **Pan Card**
3. **Current Authorization letter issued from Manufacturer/Principal Firm in original**
4. **Scanned copy of Earnest Money Deposit (EMD)**
5. **Literature/pamphlet/drawing etc., along with user list**
6. **Technical specification of equipment/item along with compliance statement in accordance with the tender technical specification.**
7. **The tender documents duly signed by the concerned firm accepting the same should be attach with technical bid.**

**Sl. No. Description/ Specification of the Item**

**Qty. Req.( Approx.)**

**Digital dynamometer**

**1 (one)**

**Technical specification**

Three point hitch system dynamometer for the measurement of loads between the tractor and the implement.

1	Clevis Pin type load cell(3Nos)	Capacity: >2500kgf, Safe Over Load: 150% of RO Non Repeatability: $\pm 0.01\%$ of RO Hysteresis: $\pm 0.005\%$ of RO Should be rugged for field use
2	3 Point Hitch Fixture with attachments for Implements(1No)	Match with the tractor 3 point hitch system as per IS : 4468-2001(Part-I)
3	3 Point Hitch Fixture with attachments for Trolley or Cart(1No)	Matching to trolley or cart
4	Digital Telemetry Transmitter	Frequency band. 400-450 mhz wireless range.250-300 m Battery type & backup: Li-Ion 6-8h Should be rugged for field use
5	Digital Display-Data logger	Two Line alpha Numeric LCD display with backlight Communication port: RS 232 o/p to transfer real time data Calibration: Software calibration Power supply: Inbuilt Battery Li-Ion Microcontroller: 2 X 8 bit Industrial grade microcontroller Communication port: RS 232 o/p to transfer real time data In built data logging facilities Memory: more than 40000 readings  Sample Rate: 1 second to 250 Seconds Customized Software to transfer data in desired format to computer or Lap top as required
6	PC Data logging Software	Customized software for MS window based PC to log or transfer data to pc/laptop in desired format with date and

		time
7	<b>Load Sensor (Telemetry type) :</b>	Capacity: >2500kgf Hysteresis $\pm 0.1\%$ of RO Safe overload 150% or Rated capacity Battery Backup 8-12 Hours, when fully charged RF link carrier frequency 400-450 MHz/2.4 GHz Wireless link range 250-300m (Line of sight), Should be rugged for field use

**Note:** The performance of the dynamometer will be verified with conventional method of draft measurement

**Asstt. Admn. Officer (AE)**