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भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि, सहकारिता एवं किसान कल्याण विभाग

Department of Agriculture, Cooperation and Farmers Welfare

दक्षिणी क्षेत्र कृषि मशीनरी प्रशिक्षण एवं परीक्षण संस्थान

Southern Region Farm Machinery Training and Testing Institute

ट्रैक्टर नगर, गार्लदिन्ने - 515 731, जिला: अनंतपुर (आं. प्र.)

Tractor Nagar, Garladinne- 515 731, District: Anantapur (A.P.)

[An 9001:2015 CERTIFIED INSTITUTE]

File No. 10-01/2017-CPS

Dated: 9<sup>th</sup> May, 2018

**TENDER NOTICE**

Sealed Two Bid Tenders namely Technical Tender & Commercial Tenders are invited by the Director, Southern Region Farm Machinery Training & Testing Institute, Garladinne, Dist. Anantapur (A.P.) from ISO certified manufacturers/agencies or experienced/reputed firms to supply and install the following machinery/equipment/items. The items to be supplied must be exactly as per the requirement of cited Indian Standards/ISO/other relevant standards/our requirements.

Sl. No.	Description	Quantity	Standards
1.	VIBRATION METER as per the Specification Sheet enclosed	One No.	IS:9935:2002

1. All tenders must be submitted in the prescribed tender format only, otherwise, these are liable to be rejected by the Institute.
2. Tenders should be submitted in sealed covers super scribing the Tender No, Item Sl. No., and Due Date. **Two bid system will be followed.**
3. The Tender document can also be downloaded from [www.srfmtti.dacnet.nic.in](http://www.srfmtti.dacnet.nic.in) or cpp portal.
4. The Last date and time for receiving of tenders duly filled will be on **05.06.2018 at 10.00 A.M.**
5. The Technical tenders shall be opened **on 06.06.2018 at 3.00 P.M.**
6. The tender received after due date will not be considered at all.
7. The commercial tenders of only those firms whose technical specifications are found suitable will be opened in due time.
8. As no courier services are available at this Institute, the tenders should be send through Registered post only or otherwise tenders can be put in the prescribed Tender Box personally at this Institute.
9. The Director, reserves all rights to cancel any or all the tenders without assigning any reason whatsoever.

DIRECTOR

## TERMS AND CONDITIONS

1. The tender is to be submitted in two parts i.e. **TECHNICAL AND COMMERCIAL TENDER**, separately in two sealed envelopes. The sealed envelopes subscribing **Technical or Commercial tenders item No.** containing Technical & Commercial tenders should be put in another large envelopes subscribing "**Technical and Commercial Tender**" **item No.** for which rates quoted should be addressed to the Director, Southern Region Farm machinery Training & Testing Institute, Tractor Nagar, Garladinne, Dist. Anantapur (AP) 515731, The tender should reach this office by registered post or can be deposited in person on or before the due date and time, which is on **05.06.2018 at 10.00 A.M.**
2. **Technical Tenders:** This tender should indicate rates technical specifications/ details of the offered equipment only.
3. **Commercial Tender:** This tender will indicate rates and commercial terms & conditions. The rates should invariably be quoted for delivery at F.O.R destination at site basis i.e at Southern Region Farm Machinery Training & Testing Institute, Tractor Nagar, Garladinne, Dist. Anantapur (AP) inclusive of packing, forwarding, freight and duly insured. The purchaser will not pay separately for the stores till destination. Taxes, duties and other charges on the above rates if any, should clearly indicated along with commercial bid.
4. The manufacturers are requested to deposit the Bid security of 5% for which the rates have been quoted by them along with commercial tender, in the form of crossed non-interest bearing demand draft drawn on State Bank of India, payable at Anantapur (A.P)(code 0806) and in favour of Director, SRFMTTI, Garladinne dist. Anantapur (AP).
5. Price of the material to be offered should be firm and fixed and is to be F.O.R Destination SRFMT&TI, Anantapur (AP) basis, indicating all taxes and duties.
6. The transit insurance will be the responsibility of the supplier and no separate charges will be paid for it.
7. The validity of tender should be for minimum six months from the date of submitting the tender and it must be expressed and specifically indicated in tender.
8. The time limit for supply of the machinery/equipment/items should be indicated in the tender. The items ordered shall be supplied within the stipulated time mentioned in the Supply Order.
9. **The Director, Southern Region Farm Machinery Training & Testing Institute does not pledge to accept the lowest tender and reserves the right for accepting any tender at his discretion.**
10. It may be noted that the dates of opening of technical and commercial tenders are different as indicated below and that commercial tenders of only those firms whose technical tender have been found suitable will be opened on in due time and the remaining tenders shall be returned un-opened. You are requested to bear in mind the normal terms and conditions.
11. For pre-bid consultation, if required by any one, may be consulted at this Institute.
12. **Failure and termination:-**
  - a) If the supplier fails to supply of the required equipments within the prescribe period, Director, S.R.F.M.T.&T.I, Garladinne may without prejudice to his right recover damages for breach of the contract or damages occurred during supply of equipments. If any equipment/stores or part thereof is found to be below the required specifications or different as mentioned in the quotation, it will be summarily rejected and returned to the supplier at his expenses. If rejected material is not lifted within one month from the date of issue of the communication of rejection, the supplier will have to bear demurrage charges at the rates prescribed by rules.
  - b) Late tender and tenders prescribing any departure from the conditions set forth above will not to be considered.
  - c) Any dispute, arising out of the supply order will be subject to the exclusive jurisdiction of the competent court at Anantapur (AP).

13. **No negotiation will be carried out:** However, the Director, reserves the right to resort to negotiation on price after completing the evaluation of commercial bids under exceptional case where it is observed that price variation is abnormal. Therefore, supplier may quote their firm and final price.
14. Commercial bids will be opened in the presence of the bidder who wishes to be present on the date and time fixed as mentioned in the tender notice
15. Commercial bids prescribing any departure from the conditions set forth; conditional and also PRIMA FACIE ambiguous will be rejected.
16. **The Director, Southern Region Farm Machinery Training & Testing Institute, Garladinne Dist Anantapur (AP) reserves the right to cancel any or all the tenders and also to cancel the entire process without assigning any reason whatsoever.**

17 **Installation and Commissioning**

The machinery /equipments offered to be installed and commissioned in the Institute by the supplier.

**Spare parts:**

Set of spare parts as per supplier's recommendation to be quoted separately.

**Manuals:**

\*Supplier to provide operators/ instruction manuals/spare parts catalogue, calibration certificate (wherever applicable ) and accessories.

18 **Training of personnel:**

Training to be provided on site during installation/Commissioning especially for instrumentation related personnel. Also during Installation and Commissioning supplier should give the training to minimum two engineers about system theory and description, operating function and instructions, calibration, diagnostics, instrument and system maintenance, safety precautions and general repair/ servicing for each & every items offered by the Institute.

19 **Warranty and servicing:**

Warranty term should be minimum 12 months from the date of satisfactory installation & commissioning.

The Supplier will have to provide warranty, servicing/ annual maintenance contract for smooth trouble free operation of above equipment throughout their working life (Working life to be specified in terms of working hours).

20. The Institute is under the provision of RTI Act, 2005. All information provided by you under the Act is liable to be disclosed.

**LAST DATE AND TIME FIXED FOR RECEIPT AND OPENING OF TENDERS:**

1	Last date of receipt of both technical and commercial bids	<b>05.06.2018 at 10.00 A.M.</b>
2	Date of opening of Technical bids	<b>06.06.2018 at 3.00 P.M.</b>
3	Date of opening of Price bids of whose technical bids have been found in line with requirements	<b>07.06.2018 at 3.00P.M.</b>

### Technical Specification for Vibration Meter

1. Suitable for measurement of Mechanical Vibration of components/ assemblies of Power Tiller/ other machines as per IS 9935:2002.
2. Suitable for measurement of maximum horizontal displacement (HD) & vertical displacement (VD) in microns, as per IS 9935:2002.
3. Measurement of hand transmitted and whole-body vibration according ISO 5349 & ISO 2631 and IS 5994:1998.
4. Suitable for measurement the amplitude of mechanical vibration 0.5 $\mu$ m to 1000mm.
5. Vibration meter with tri-axial magnetic base piezoelectric accelerometer to measure to vibration in three mutually perpendicular axis (X,Y & Z).
6. Measuring range of vibration meter to meet measuring range Acceleration: 0.005 m/s<sup>2</sup> to 6000 m/s<sup>2</sup>, Velocity: 0.05mm/s to 100m/s and **Displacement: 0.5 $\mu$ m to 1000mm**.
7. Frequency range shall be meet as Acceleration: 0.4 to 100Hz, 2 to 300Hz, 0.4 to 1000Hz, ,1000 to 10000Hz, Velocity: 2 to 300Hz & 10 to 1250Hz and Displacement: 6 to 200Hz.
8. Display: graphic LCD with 12x32 pixels and backlight.
9. External power supplies 8 to 12 Volt DC.
10. Memory for measured data with PC interfaces.
11. Tri-axial Accelerometer with magnetic base, mounting screw, 5m cable compatible to the vibration meter.
12. Battery operation 20 hour operations with 3 mignon (AA) accu or alkaline cells.
13. The vibration meter measured/Displayed parameter as running RMS (1s), maximum RMS(MITVV), internal RMS, estimated vibration dose value (eVDV), vibration total value (ahv), peak, maximum peak and crest factor.
14. Weighting Filters: According to ISO 8041 Wh for hand-arm vibration and Wb, Wc, Wd, We, Wg, Wj, Wk, Wm for whole-body vibration.
15. Accuracy:  $\pm 3\%$  and  $\pm 2$  digits.

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Date:

**PRICE TENDER FOR SUPPLY OF VIBRATION METER**

**Details of Prices: The price of all the items must be quoted exactly as per given below:-**

Item Description	Quantity	Unit Price (Rs.)	Cost (Rs.)
<b>Vibration meter</b>			
Taxes levied with details:			
GST(%)			
Packing, Forwarding and Freight charges			
Other(if any)			
Total taxes			
	Grand Total		
In Words:			

Place:  
Date:

Authorized Signature

Name of Signatory