

155/5-30

CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur
Central Purchase & Disposal Unit
Office of the Comptroller

No. QSD.CPDU/4-26/CSKHPKV/-

155/5-30

Dated: 09 MAR 2021

Notice Inviting Quotations for the purchase of Equipments (FRM)

Sealed Quotations are invited by the Comptroller, CSK HPKV, Palampur for the purchase of listed below equipments:

S.No.	Name of Item	Specifications	Quantity	Rate (in Rs.)
1.	Pinch Force Meter	Attached as Annexure-I	1 No.	
2.	Environmental Measurement Equipments, Heat Stress Monitor, Accessories	-do-	1 No.	

TERMS & CONDITIONS

1. The quotations should reach in the O/O the Comptroller, CSK HPKV, Palampur in sealed cover and super-scribed "quotation for purchase of Equipments (FRM)" on 06-04-2021 by 5.00 PM. The quotations will be opened on 07-04-2021 at 11.00 AM in the presence of quotee or their authorized representative, if present.
2. The rates should be quoted F.O.R. CSK HPKV, Palampur inclusive of all charges. Nothing will be paid extra. Concessional GST @ 5% will be applicable against GST exemption certificate issued by the University.
3. Price list should be attached.
4. The quantity of materials can be increased or decreased.
5. The Comptroller also reserves the rights to consider or reject any of the quotations without assigning any reason.
6. The supply of the material is to be made by the supplier immediately.
7. The quotation received after due date will not be considered.
8. The condition of advance payment or through cash etc. will not be considered.
9. The quotation should be submitted only if the items can be supplied promptly on demand.
10. The price quoted should be strictly according to the specifications stated above.
11. The payment will be made after satisfactory Inspection Report of the Inspection Committee so constituted for the purpose by the University.
12. Each quotation should be accompanied with a refundable earnest money @ 2%, if the total amount for the supply of the material exceeds Rs. 1.00 lakh in the shape of fixed deposit receipts/TDR/DD in favour of the Comptroller, CSK HPKV, Palampur. **Without EMD the quotations will not be considered.**
13. The supplier will adhere to the provision of Motor Vehicle Act for transportation of material.
14. Performance security will be obtained from successful bidder @ 5% of the awarded material.
15. GST may be shown separately, copy of GST registration be enclosed with quotation and GST No. may be mentioned in the quotation.
16. The E-way bill is to be required alongwith actual bill.
17. Authorization Dealer Certificate and warranty certificate duly attested must be attached with quotation.
18. The quotation should accompany the satisfactory user report/certificate from the Institutions to whom the said equipment earlier supplied by the firm.
19. The conditional quotation will not be entertained.
20. The firms/suppliers shall observe all the guidelines/SOPs for COVIDI-2019 prescribed by the H.P. State Govt/Central Govt. from time to time.
21. Any dispute arising out of the deal shall be subject to the decision of the Vice-Chancellor of the University whose decision shall be final. Settlement of all disputes will be made within the jurisdiction of CSK HPKV, Palampur.

M/S _____

all Quam
Asstt. Registrar (CPDU),
CSK HPKV, Palampur.

CC:

1. The Head, Deptt. of FRM, COCS, CSK HPKV, Palampur.
2. Incharge, UNS, CSK HPKV, Palampur for uploading in University Website.

I. Pinch Force Meter : Jamar, digital, Capacity 50 lb

Specifications: Accurate and repeatable pinch strength readings (tip, key and palmer), Easy to read LCD display, Push button console including a button to zero, last reading stored and toggle buttons to accurately store up to 99 readings, wrist strap and 3 V battery. Easy to operate and carry to the field

II. Environmental measurement equipments and accessories

i) Thermometer cum hygrometer

Specifications: Display 2 Line Full Icon LCD Large Display: Temp. Range-50 – 70°C: Accuracy 0.1°C Resolution 0.1°C / 1% :RH Humidity Range 10% RH-99%RH :Memory High / Low Temp. & Humidity: 1 x 1.5V AAA Size Battery

ii) Gasman CO meter

Specifications: Response time. flammable gases 20 s, toxic gases 20 s, oxygen 10 s Alarm acoustic (95 dBA), visual (LED red / blue), internal vibration Sampling optional hand-operated bellows pump Data protocol capacity for 5000 events, including: switch on / off, battery level, activated / deleted alarms, peak values, passed or failed gas test, all events time-stamped Memory pre-set: 900 hours of storage at 1 min. intervals, storage intervals can only be changed using the software Interface RS-232 via module in charger, USB adaptor optional Calibration routinely by means of Autocalibrator II or via PC software Display LCD with backlight, battery level indicator, indicates when calibration and maintenance is necessary Indication real-time gas values, retrievable peak values and TWA Power supply rechargeable lithium ion battery (flammable gases, CO₂) / non-rechargeable lithium cell (toxic gases and oxygen) Op. conditions -20 ... +55 °C / 0 ... 99 % RH Approvals ATEX II 1G EEx ia IIC T4 (ambient temp. -20 ... +55 °C) toxic gases and oxygen / ATEX II 2G EEx iad IIC T4 (oper. temp. -20 ... +55 °C) flammable gases Norms EN50014, EN50020, EN50018, 94/9/EC, EN50270, EN50271, EN61779 software designed to meet IEC61508

iii) Light meter

Specifications: 150meter with bluetooth and camera. Laser Distance Meter with inbuilt Camera (150m Range)The smart solution for measuring and documenting in all surroundings - even outdoors; Precise targeting with digital viewfinder with zoom function for outdoor applications and long distance; Optimal readability Due to large 2.8" IPS colour display with extra robust cover glass; Fast collection and documentation of measured values for Measuring Master App

iv) Indoor air quality monitor

Specifications: Measures particulate matter, PM1, PM2.5, PM5, PM10 along with TVOC (Total Volatile organic compounds), CO₂ (Carbon dioxide) and HCHO (Formaldehyde); Real-time monitoring: EPA bench-marked sensors based on their response time, life and quality to provide accurate real-time data; Analytics: Use mobile companion app to get all the air quality data, with unique recommendations and suggestions to help improve indoor air quality to take action to improve health; Easy to use: with a portable design to display the air quality level in indoors or outdoors. Android app compatible with Android 6.0 and above.

v) Temperature controlling unit

Specifications: Energy Rating: 5 Star Non Inverter; Copper Condenser Coil: 100% Copper for better cooling and requires low maintenance; Capacity: 2.2 Ton. Suitable for large sized rooms

vi) Moisture controlling unit

Specifications: LED Display, Tank Capacity: 5.5 L – 8 L: 20 -30 L daily water extraction: Oscillating function : between 45 to 90 degrees; Humidity control range : 40 to 80 % for Room Size : 280-380 sq ft room Temperature display range : 1C-35C; auto-frost technology

vii) Digital hand grip dynamometer

Specifications: Register force: 1kg graduation from 0 to 99kg

III. Heat stress Monitor

Quest Temp Heat Stress Monitor (Model: QT-34 or QT -32)
Make: 3MQuest Technologies, USA

Should includes bar sensor and 2" style globe sensor ; Dry bulb sensor, Wet bulb sensor, Globe sensor -1000 ohm platinum RTD ; Relative humidity sensors ; Operating Temperature (Sensor assemble: -5^oc to 100^oc) Electronics: -5^oc to 60^oc); Battery life: NiHM Rechargeable Battery 300 hrs ;

Accuracy and Ranges: +/- 5% from 20 to 95% (Non – condensing)

Output: Rs-232 serial printer/Computer interface

Parallel/USB printer interface; Data logging intervals 1,2,5,10,15,30, or 60 minutes