

Tender Document for Purchase of Engineering Instruments and Hostel Bed

Within jurisdiction, Navsari Agricultural University, Dediapada

NAU/CAET/01/2018-19



**Principal
College of Agricultural Engineering & Technology
NAU, Dediapada – 393040
Mobile No. 99135 99332**

Notice Inviting Tender

NAU/CAET/01/2018-19

Tender Document for Purchase of Engineering Instruments and Hostel Bed

Principal, College of Agricultural Engineering and Technology, NAU, Dediapada invites tender for the Purchase of **Engineering Instruments/Hostel Bed** bids from manufacturer/supplier/company. The list of items to be purchased under this tender is given underneath. The detail terms and conditions and tender document are available on website www.nau.in under tender section.

1	Period for Tender document downloading and submitting	26/07/2018 to 18/08/2018 upto 17:00 Hrs.	
2	Last date for submission of tender fee, EMD and other documents by RPAD / Courier / Speed post etc.	18/08/2018 upto 17:00 Hrs.	
3	Bid validity period	31/03/2019	
4	Tender Fees (<i>Non refundable</i>)	Tender 1	₹ 1000/-
		Tender 2	₹ 1000/-
5	Earnest Money Deposit (EMD) (<i>Refundable</i>)	As per given details	
6	Security deposit (Successful bidder) (<i>Refundable</i>)	5% of order price	
7	Tender submission / Communication address	Principal College of Agricultural Engineering and Technology NAU, ParsiTekra, Dediapada-393 040, Dist. Narmada, Gujarat	

Further details can be obtained from above office during working hours. Details are also available on website www.nau.in

Place: Dediapada

Date. 26/07/2018

Principal
College of Agril. Engg. & Tech.,
NAU, Dediapada – 393 040

Tender Fee, Earnest Money Deposit (EMD) and Security Deposit

The bidder shall furnish Tender Fee amounting to Rs. shown as below (Non refundable) and an Earnest Money Deposit (EMD) (Refundable) respective amounting, without which tenders will not be considered. There should be two separate draft for each Tender fee Rs. 1000/- (Non refundable) and EMD. The amount should be deposited in the form of only Bank Draft (drawn) in favor of "**Principal, CAET AND PAE, Dediapada**" drawable at SBI (*IFSC Code: SBIN007787*) Dediapada.

Sr. No.	Name of the Item	EMD Amount ₹	Tender Fee ₹
<u>TENDER -1</u>			
Engineering Instruments			
1	Pressure And Flow Measurement Apparatus	1350	1000/-
2	Standard Proctor Test Apparatus	1050	
3	Wood Moisture Meter	900	
4	Rain Gun Irrigation System	1500	
5	Digital Water Level Recorder	2100	
6	Solari Meter with data logger	1200	
<u>TENDER -2</u>	Hostel Bed	13500/-	1000/-

Refund of Tender Fee: The Tender Fee is non Refundable.

Refund of EMD: The Bank Draft (drawn) or banker's cheque of earnest money of unsuccessful Bidder shall be refunded soon after finalization of purchase procedure. The EMD of the successful bidder will be retained till the bid remain valid and will be returned as per the terms of the university on request and submission of original receipt.

Forfeiture of EMD: The earnest money will be forfeited in the following cases:

- When Bidder withdraws or modifies the offer after opening of tender but before acceptance of tender.
- When Bidder does not execute the agreement if any, prescribed within the specified time.
- Bidder does not accept the hiring order.
- If the terms and condition not fulfilled anytime.

Security Deposit: Successful bidders have to deposit 5% of ordered price as security deposit which is refundable as per NAU rules.

Terms and Conditions of the Tender

1. Duly filled Tender in sealed envelope should reach the Principal, College of Agricultural Engineering and Technology, NAU., Dediapada, Dist. Narmada by post/courier/register Ad., etc. before **18/08/2018** up to 5:00 p.m. along with tender fee Rs. 1000/- (not refundable) in Demand Draft/Cash in favour of **"Principal, CAET AND PAE, Dediapada" payable at Dediapada.**
2. Please write on top of envelope **"Tender NAU/CAET/01/2018-19: Engineering Instruments/Hostel Bed"** and mention clearly sender's name and address.
4. Tenders shall be opened as in office working date and time.
5. However, if committee deems proper, the negotiation for the final price will be done with the tenderers. First chance will be given to the lowest price in the chronological order.
6. No correspondence shall be entertained after submission of Tender.
7. Delivery should be made within time limit after receiving supply order at **College of Agricultural Engineering and Technology, Parsi Tekra, Dediapada 393 040, Di. Narmada.**
8. **No advance payment will be made.**
9. No penalty or penal interest will be paid due to delay in payment on account of unforeseeable reasons.
10. Payment will be made only after satisfactory supply and installation/demonstration.
11. Discount if any offered, may please be specified in the tender document
12. Authorized dealer should enclose authorization certificate (Attested photocopy) of manufacturing company.
13. **Attach the separate sheet mentioning detail specifications along with literature/brochures/photos.**
14. Provide **the list of your valued customers of the said items in State Agricultural University, ICAR Centers, Other Government and Semi Government Bodies, NGOs, etc in India.**
15. In case of dispute, decision of the Principal, College of Agricultural Engineering and Technology, NAU., Dediapada will be final and acceptable to all the parties.

2. Delivery:

The application for extension of delivery period shall be sent to concern ordering office of Navsari Agricultural University at least 5 days prior to the expiry of delivery period of each items. The officer in charge, who is placing the order may grant extension or reject the application and their decision in the matter shall be final and binding to all.

3. Demonstration:

Supplier has to perform on-site live demonstration as per trial requirements.

4. Warranty:

- 4.1 **Period of Warranty:** The bidder must provide comprehensive onsite warranty for **minimum 1 year or as asked in specifications**, from the date of installation for all items. Please clearly mention the parts, which are not covered under warranty, separately.
- 4.2 If any instrument(s), properly not working and repetitively fault is found, say twice a week during the warranty period, the bidder shall replace the item with new item without any additional cost to the purchaser.

5. GST Guideline:

Navsari Agricultural University is working under of Agriculture, Farmers Welfare & Co-operation Department Government of Gujarat. According to provision made in the notification No. 47/2017 of Ministry of Finance, Government of India GST is leviable at the rate of 5% on the goods specified against serial no. 1 under column 3 of table given in this notification. As per subsequent amendment in notification no 47/2017 notification no. 10/2018, college/Research center of this university is eligible for GST leviable at the rate of 5% on the goods listed in the Tender 1 &2. A certificate from University will be issued for the said goods after finalization of party.

Date:

Stamp & Signature of Bidder

List of Item with Specifications
TENDER -1 Engineering Instruments

No	Name of the Item and Specifications	Qty.
1	Pressure And Flow Measurement Apparatus <ol style="list-style-type: none"> 1. Storage tank: Made up of PVC resist corrosion. 2. Capacity: 100 Ltr. (Approx.), Make: Sintex. 3. Measuring Tank: 25 Litres, Material: Rota mould, Make: Aristo. 4. U- tube manometer: made in acrylic, to measure the pressure along the orifice meter. 5. Single limb manometer : made in acrylic, to measure the pressure along the orifice meter. 6. Inclined tube manometer: made in acrylic, to measure the pressure along the orifice meter. 7. Inverted tube manometer: made in acrylic, to measure the pressure along the orifice meter. 8. Simple manometer: made in acrylic, to measure the pressure along the orifice meter. 9. Air blower, Pressure gauge, Orifice meter : Material : PVC, Control value : Material : UPVC 10. Rota meter: Material: Acrylic: range: 0-2500 LPH 	01
2	Standard Proctor Test Apparatus <ol style="list-style-type: none"> 1. Standard BS:1377 2. Proctor mould capacity: 944 cc with collar assembly with detachable base plate 3. Internal diameter of mould: 10.2 cm 4. Height of mould: 11.6 cm 5. Rammer: Mechanical operated with 5.08 cm diameter face and 2.5 kg weight 6. Sample extruder 7. Weighing balance of 15 kg capacity 8. Straight edge 9. Graduated cylinder 10. Mixing apparatus consisting mixing pan, spoon, spatula Moisture boxes 	04
3	Rain Gun Irrigation System <ul style="list-style-type: none"> Radius (Jet Length) – 80 to 135 Feet · Flow range –150 to 600 LPM · Trajectory –25⁰ · Inlet Size –1.5” Female Standard Pipe Thread · Inlet water pressure range – 2.5 to 5 Kg/cm² · Pump Power Required – 5 to 12.5 HP · Circular Area covered by One Skipper Raingun –Upto 1.2 Acre · Nozzle Side Included – 14mm, 16mm, 18mm and 20mm (Optional Sizes 12mm) 	
4	Digital Water Level Recorder <ol style="list-style-type: none"> 1. Micro controller based 2. 2 GB internal memory 3. Stores more than 5,00,000 data 4. High quality recorder 5. Measure up to minimum 200 meter depth below ground level 6. Battery backup with rechargeable battery 	02
5	Wood Moisture Meter <p>Digital display in %, ASTM D 4442-92 oven-dry lab method. 1½ inch wide by 2½ inch long by ¾ inch thick sensing, MMC 200 Series Size: Length: 49 / 16 inches Width: 23 / 4 inches Height: 11 / 16 inches Scanning Area: Length 21 / 2 inches Width 11 / 2 inches Scanning Depth: 3 / 4 inch Weight: 0.37 pounds Power: 9 volt alkaline or NiCad rechargeable Auto Power Shut Down: 60 seconds Measurement Ranges: (MMC 205): 4% - 20% MC scaled in 1% increments 25 (MMC 210): 4% - 32% MC scaled in 0.1% increments (MMC 220): 4% - 32% MC scaled in 0.1% increments (up to .80 SG) Working Temperature: 0° C - 50° C</p>	02

6	Solari Meter with data logger Solarimeter with display, 5000 data storage capacity, computer connected cable for directly storage on computer. Auto data memory and USB interface to PC Solar Energy Measurement, Current time setting Function, User calibration factor setting function, End mount light sensor, select either W/m ² data Hold/Max/Min/Avg modes, data memory and read function,	01
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TENDER -2 Hostel Bed

S. No	Name of the Item Specifications	Qty.
1.	Hostel Bed ૩' x ૬' સાઈઝ (સાગી લાકડામાં) બંને સાઈડ ૪" x ૧.૫" સાઈઝ ની ઈસમાં ખાંચા પાડી વચ્ચમાં ૨" x ૧.૫" સાઈઝના બે સપોર્ટ લગાવેલ તથા ઈસમાં ઉપરની બાજુ ઢાંતીમાં ૧૮ mm વોટરપ્રુફ પ્લાયવુડ લગાવેલ માથા તરફ ૧૨" નું બંને બાજુથી ૧ mm ફૂલ સનમાયકા લગાવેલ ૧૮ mm વોટરપ્રુફ પ્લાયવુડનું ખડપું પગ તરફ ૭" નું બંને બાજુથી ૧ mm ફૂલ સનમાયકા લગાવેલ ૧૮ mm વોટરપ્રુફ પ્લાયવુડનું ખડપું ખડપાની ફરતે બોર્ડર પટ્ટી લગાવેલ હોવી જોઈએ ૨" x ૨" ના ૧૬" ઉંચાઈના ચાર નંગ ચોરસ પાયા ઈસમાં ખાંચા પાડી ઓછામાં ઓછા બે નંગ નટ-બોલ્ટથી ફીટીંગ કરેલા તેમજ પાયાને નીચેથી સપોર્ટ પટ્ટી મારેલ ઈસ અને ખડપાને ખૂણેથી મેટલના L શોકેટ (પલંગ શોકેટ) સ્ક્રુ અને બોલ્ટથી ફીટીંગ કરેલ પૂર્ણ પલંગને યેલો પોલીશથી ફીનીશ કરેલ હોવા જોઈએ નોંધ: કચેરી કાર્યવાહી સમયે જરૂર જણાયે ભાવ ભરનાર પાર્ટીએ સેમ્પલ પીસ કમીટીને બતાવવાનો રહેશે.	50