

COLLEGE OF AGRICULTURE
(S.K.N. Agriculture University-Jobner)
Fatehpur- Shekhawati : Sikar (Rajasthan)

Phone. No.: 9414042027

Email.dean.coafatehpur@sknau.ac.in

No.F.(Acctt.)/COA/FTR/2021/ 857

Dated: 01.01.2022

Limited Tender Information

Sealed tenders are invited at College of Agriculture, Fatehpur- Shekhawati Distt. Sikar (Rajasthan) for **Models for Agriculture Engineering Laboratory**. Tender formats can be downloaded from State Procurement Portal Website www.sppp.rajasthan.gov.in University web site www.sknau.ac.in or are available at our office from 10:00 AM to 5:00 PM on working days upto 07.01.2022. Tender forms should be submitted up to 11:00 AM on 10.01.2022. The tender will be opened on the same day at 2.00 P.M. before purchase committee by an officer duly authorized in the presence of any intending tenderer or their authorized representative who may be present. Detailed information regarding above mentioned tender is available at our office and website www.sknau.ac.in or www.sppp.rajasthan.gov.in. The undersigned reserves the right to reject the tender without assigning any reason thereof.

Dean

Copy to the following for information and further needful:

1. The Comptroller, SKNAU, Jobner
2. Convener/Members/Accounts Section/DDO, COA, Fatehpur
3. All Notice Boards- College, ARS, KVK, SKNAU & Panchayat Samiti, Fatehpur Shekhawati.
4. O/I CIMCA, SKNAU, Jobner for uploading to University Website-www.sknau.ac.in and www.sppp.rajasthan.gov.in.
5. Guard File

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Dean
01/01/2022

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COLLEGE OF AGRICULTURE

(S.K.N. Agriculture University-Jobner)
Fatehpur- Shekhawati : Sikar (Rajasthan)

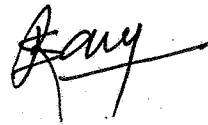
LIMITED TENDER NOTICE

Limited tenders for **Models for Agriculture Engineering Laboratory** are invited in sealed envelopes as per following terms and conditions:


1. The rates should be quoted F.O.R. College of Agriculture, Fatehpur otherwise cost of packing, forwarding, freight, installation etc. be given. **No extra amount will be paid other than quoted amount in bid.**
2. The tender must reach to this office on or before 10.01.2022 up to 11:00AM.
3. The ordered work will have to be completed within 15 days of placing the orders.
4. All taxes and excise duty if any to be charged extra should be mentioned clearly.
5. The undersigned reserves the right to reject the tender without assigning any reason thereof.
6. The undersigned reserves the right to procure quantity and give orders of the mentioned tendered items as per requirement.
7. Tender for **Models for Agriculture Engineering Laboratory** should be mentioned on the top of sealed envelope addressing Dean, College Of Agriculture, Fatehpur-Shekhawati : Sikar (Rajasthan).
8. The prices should be typed or written clearly in ink against each items. Cutting should be avoided as erroneous and overwriting are not permissible.
9. The specification as per **Annexure-1** should be fulfilled for **Models for Agriculture Engineering Laboratory**.
10. The terms and conditions should be read carefully and each page of the tender should be signed and sealed properly.
11. The billing for these items should be made in favour of **“Dean, College of Agriculture, Fatehpur Shekhawati”**.
12. The tender form should be filled as per given terms and conditions.
13. Self-attested copies of Address proof, PAN Card, GST/SG Registration, TIN Registration and other essential certificates as required must be attached while submitting the tender.
14. Bids should be duly signed on all pages and serially numbered, properly bound.

Special Terms & Conditions

1. Brand should be registered in India. Attach documents for this purpose issued by Govt. of India.
2. The Bidder shall quote only one specific make and model from only specific OEM. Providing more than one option shall not be allowed. All goods quoted by the Bidder must be associated with item names and codes and such names or codes must be visible on printed literature describing specificity and functionality. Any deviation from the tender specifications must be clearly mentioned in the offer document by the Bidder.



3. The OEM for all active components should give a declaration that products or technologies quoted are neither end-of-sale nor end-of life as on the date of installation and commissioning and are not-of support till the warranty period.
4. If the bidder is non manufacturer, he/she shall provide authorization from OEM specific to this tender, that the firm is authorized and that the OEM will provide back-to-back support in case the bidder fails to do so. If the bidder is a regular authorized channel partner of main products, must produce a certificate of same including his association period/date, which shall be mentioned in bid specific Authorization letter, still compliance to technical specification be performed by the OEM only.
5. Testing/Installation - The vendor is advised to visit the site to understand real measurements and physical entities and requirements. The successful bidder shall be required to depute a professional person to install the items as per site given directions to full satisfaction.
6. Lowest price quoted will not qualify for selection of tender but quality and desired standards will also be considered.
7. Attach all documentary proof of credentials which are pledged by the bidder in this tender.
8. The installations shall be carried out within College of Agriculture, Fatehpur Shekhawati, Sikar (Raj.) and all types of technical and support services should be available within 24-48 business hours as and when as required.
9. All items shall be supplied with warranty as per stipulated terms and conditions of tender.
10. Splitting in Bidding is not allowed.
11. The manufacturer should guarantee the product for minimum one year and be capable to provide after sale support for the product.
12. The manufacturer/ brand should have satisfactory experience for their product for minimum 2 year work.
13. Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the stipulated delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever.


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Specifications: Models for Agriculture Engineering Laboratory

Sr. No.	Name of Model	Specifications	Qty.
1	Single cylinder two stroke petrol engine – cut section working model	Cut section model of single cylinder 2 stroke petrol engine mounted on a frame. The model should be such that the working of different components of engine (e.g. piston, crankshaft, flywheel etc.) and opening/closing of different ports can be observed by operating the engine operated either by handle or kick.	1
2	Four cylinder four stroke diesel engine – cut section working model	Cut section model of 4 cylinder 4 stroke diesel engine mounted on a frame. The model should be such that the working of different components of engine (e.g. piston, crankshaft, camshaft, valve mechanism etc.) can be observed by operating engine with handle.	1
3	Hydraulic brake system working model	The model should have two front drums with disc type of brakes and two rear drums with drum brakes mounted on a frame. The assembly should have master cylinder with brake pedal. Rear drums should be cut sectioned to show different parts of brake system.	1
4	Internal expanding shoe brake system working model	The brake model should demonstrate the working of internal expanding brake system. The model should have internal expanding shoe brakes, brake drum, brake pedal etc. mounted on a suitable frame and brake drum can be operated by using hand lever. The working of brake system can be observed by operating the lever.	1
5	External contracting shoe brake system working model	The brake model should demonstrate the working of external contraction brake system. The model should have external contracting shoe brake, brake drum, hand brake lever etc. mounted on a suitable frame and brake drum can be operated by using hand lever. The working of brake system can be observed by operating the lever.	1
6	Steering system (rack & pinion type) working model	The cut section model of rack and pinion type steering system to demonstrate working of steering system. The model should have steering wheel, steering column, steering gear box, tie rod linkages etc. mounted on a frame.	1
7	Friction clutch (diaphragm type) working model	The cut section model should have flywheel, pressure plate, clutch plate, diaphragm etc. mounted on a frame such that clutch working can be observed by actuating system with the pedal and lever. A handle should be provided for rotation of shaft.	1
8	Sliding mesh gear box – cut section working model	The cut section model of sliding gear box to show the various parts such as gears, main shaft, counter shaft, sliding mesh gears and gear shifting lever mechanism etc. The gear box should be mounted on a suitable frame. The gears can be shifted by using the gear shifting hand lever and the working of the gear box can be observed by rotating the input shaft by hand.	1

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9	Constant mesh gear box – cut section working model	The cut section model of a constant mesh type of gear box to demonstrate the working of gear box. The model should exhibit construction details and able to obtain different speeds (gear change) by shifting internal dog clutch to the desired position with the help of lever. The system should be mounted on a suitable frame.	1
10	Differential assembly with final drive – cut section working model	Cut section model of differential assembly with final drive mounted on a frame. The model should be such that the working of different parts (differential and final drive) can be observed by operating the assembly.	1
11	Hypsometer (Abney's Level/Ravi Altimeter)	Hand held for measuring height of forest trees. Elevation /slope 180°	10

Specific Terms and Conditions:

1. The manufacturer should guarantee the product for minimum one year and be capable to provide after sale support for the product.
2. Liquidated Damages: If the Seller fails to deliver any or all of the Goods/Services within the stipulated delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value without any controversy/dispute of any sort whatsoever.
3. **Important Note: All above mentioned models (Sr. No. 01 to 10) should be made of actual tractor/automobile engine parts and original metal parts.**

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COLLEGE OF AGRICULTURE
Fatehpur- Shekhawati: Sikar (Rajasthan)

LIMITED TENDER FORM

1. Name of Item: Models for Agriculture Engineering Laboratory.							
2. Budget: From State Plan Non Recurring for Laboratory as per Sanction by Comptroller No.F.03(04)Budget/SKANUA/2021-22/2197-2202 dated 29.09.2021							
3. Last Date and time for submission of Tender: 10.01.2022 at 11:00 AM							
4. Date and time for opening of Tender: 10.01.2022 at 02:00 PM							
S. No	Items as specification mentioned in Annexure-1	Brand	Model	Qty.	Rate of the Tenderer including GST and other expenses (In Rs.)		
					Rate	GST	Total
1	Single cylinder two stroke petrol engine – cut section working model			01			
2	Four cylinder four stroke diesel engine – cut section working model			01			
3	Hydraulic brake system working model			01			
4	Internal expanding shoe brake system working model			01			
5	External contracting shoe brake system working model			01			
6	Steering system (rack & pinion type) working model			01			
7	Friction clutch (diaphragm type) working model			01			
8	Sliding mesh gear box – cut section working model			01			
9	Constant mesh gear box – cut section working model			01			
10	Differential assembly with final drive – cut section working model			01			
11	Hypsometer(Abney's Level/Ravi Altimeter)			10			
	Total						

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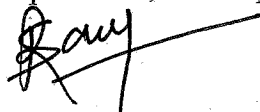
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I agree to all the terms and conditions cited above in the tender and I will provide the required equipment with the specifications mentioned in the tender as per Annexure 1.

Signature and Seal along with date

Name-

Address-

Mobile No.-



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