

**Speed Post**

**CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur  
Central Purchase & Disposal Unit**

**Office of the Comptroller**

No.QSD.CPDU/4-21/CSK,HPKV/-

Dated

32840-42

29 JUN 2024

To

The Information & Public Relations Officer,  
Department of Information & Public Relations,  
Government of Himachal Pradesh, Shimla (HP).


Sub: Publication of Tender Notice.

Sir,

Kindly find enclosed herewith Tender Notice for inviting rates from the reputed Firms/Manufacturers/Suppliers/Authorized Dealers for the purchase of machinery for Milk Parlor. You are requested to get it published in Giriraj Weekly, Punjab Kesari and Divya Himachal only in minimum space on 05-07-2024 under intimation to this office. The bills of cost thereof as per DAVP rates may please be sent in duplicate to this office at an early date.

Yours faithfully,

Encls: As Above

  
Comptroller,  
CSK HPKV, Palampur.

Copy to:


1. The Head, LFC, COVAS, CSK HPKV, Palampur
2. The Incharge, UNS, CSKHPKV, Palampur with the request to upload the same in the University Website.

**TENDER NOTICE**

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

**Tender for the Purchase of machinery for Milk Parlor**

Sealed tenders addressed to the Comptroller, CSK HPKV, Palampur are invited for the purchase of machinery for Milk Parlor (as per detail given in Annexure-I) from Sole/Reputed Manufacturers/Suppliers or their stockiest/authorized dealers so as to reach this office on or before **25-07-2024 upto 5.00 PM**. The tenders so received shall be opened in the office of the Comptroller, CSK HPKV, Palampur on **26-07-2024 at 11.00 AM** in the presence of tenderer or their authorized representatives who wish to be present. The tender form alongwith terms and conditions can be downloaded from University Website [www.hillagric.ac.in](http://www.hillagric.ac.in). The tender must be accompanied with a Bank Draft of Rs.3000/- (Rs. three thousand only) payable in favour of the Comptroller, CSK HPKV, Palampur HP-176 062 and drawn at SBI, HPAU, Palampur as Tender Fee (Non-Refundable). The tender without tender fee will not be entertained.

  
Comptroller,  
CSK HPKV, Palampur


CHAUDHARY SARWAN KUMAR H.P. KRISHI VISHVAVIDYALAYA PALAMPUR  
Central Purchase & Disposal Unit  
OFFICE OF THE COMPTROLLER

Tel: 01894-230364  
FAX: 01894-230364

PREVIEW OF TENDER

REFERENCE No. QSD/CPDU/4-21/(Tender) /-

DATE OF ISSUE OF TENDER DOCUMENT : 05-07-2024  
LAST DATE FOR RECEIPT OF TENDER : 25-07-2024 up to 5.00 PM  
DATE AND TIME FOR OPENING OF THE TENDERS : 26-07-2024 at 11.00 AM  
PLACE OF OPENING OF THE TENDERS : CHAMBER OF THE,  
COMPTROLLER,  
CSK HPKV, PALAMPUR  
ADDRESS FOR COMMUNICATION : THE COMPTROLLER,  
CSK HPKV, PALAMPUR  
HP-176 062

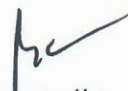
  
Comptroller,  
CSK HPKV, Palampur



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

**TERMS AND CONDITIONS**

1. The Tender should reach in the O/O the Comptroller, CSK HPKV, Palampur in sealed cover and super-scribed "Tender for purchase of machinery for Milk Parlor" on 25-07-2024 by 5.00 PM. The quotations will be opened on 26-07-2024 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.
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. The price quoted should be strictly according to the specifications stated above.
10. The payment will be made after satisfactorily Inspection Report of the Inspection Committee so constituted for the purpose by the University.
11. 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.
12. The supplier will adhere to the provision of Motor Vehicle Act for transportation of material.
13. Performance security will be obtained from successful bidder @ 5% of the awarded material.
14. GST may be shown separately, copy of GST registration be enclosed with quotation and GST No. may be mentioned in the quotation.
15. The E-way bill is to be required along with actual bill.
16. Authorization Dealer Certificate and warranty certificate duly attested must be attached with quotation.
17. The quotation should accompany the satisfactory user report/certificate from the Institutions to whom the said equipment earlier supplied by the firm.
18. The conditional quotation will not be entertained.
19. All disputes shall be within the jurisdiction of Palampur Court.


  
Comptroller,  
CSK HPKV, Palampur.

Comptroller,  
CSK HPKV, Palampur.

**SPECIMEN OF AGREEMENT TO BE SIGNED BY THE FIRM AND UNIVERSITY  
ON NON-JUDICIAL PAPER**

It is hereby agreed upon that the supply of machinery for Milk Parlor will be made to the University well in time strictly as per specifications, rate and terms & conditions agreed in the Tender. The terms and conditions of Tender Documents are the part of the agreement. On any breach of these terms and conditions the rate contract shall be cancelled and the security so pledged in the University in this regard, shall stand forfeited.

Name of Firm with  
Signature & Stamp

  
Asstt.Registrar(CPDU)  
CSKHPKV, Palampur



Annexure-I

Specifications for the purchase of machinery for Milk Parlour

**Milking Parlour:** Low Line Milking Parlour 1X4 Herringbone style suitable for milking of 4 cows at a time where cows are standing at an angle of 30-35 degree. Milking parlour will be considered as a single entity (includes Milking parlor framework, Vacuum generation system, Milking cluster, Electronic Milking Point Controller, Pulsation, Milk receiver, Milk Line, Vacuum line, CIP System and Jetter plate etc). Milk parlour will have an electronic milk meter and automatic washing.

This milking parlor should be upgradable to a Fully Automatic Milking Parlor.

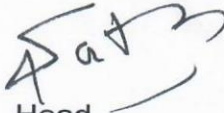
Particulars	Specifications	Comment
1. Milking Parlour Framework	<p>Low Line Herringbone milking parlour where cows are standing at an angle of 30-35 degree.</p> <p>All the parlour frames are to be manufactured with hot dipping galvanising. Galvanized Structural frame will have adjustable breast rail and rump rail with splash guard for preventing Manure falling into pit or milking Equipment installed.</p> <p>One ladder needs to be supplied near the milk receiver</p> <p>The Milking parlour should have manual entry and exit gates that are operated manually</p> <p>All the fitting accessories like Clamps, Nuts and bolts will be part of the system.</p>	
2. Vacuum Generation System	<p>Oil Lubricated Rotary Vane Belt Type Vacuum Pumps of Min. 750 LPM complete with 3 HP Electric Motor, Base Frame, Silencer and other accessories.</p> <p>1. Vacuum Pump and motor: 02 No., Belt driven (one operational and one stand by)</p> <p>2. Capacity (Min.): 750 LPM</p> <p>3. Electric Motor: 2.2 kW/ 3HP</p> <p>Vacuum Regulator: Vacuum regulator (servo type only, not spring type) with air filter should be provided to maintain the vacuum levels.</p> <p>Vacuum Lines should be uPVC of size 75MM in milking parlour and from vacuum distribution system to milking parlour will be uPVC 75 MM. Vacuum line will be fitted with Vacuum Gauge and Vacuum Regulator that shall control the vacuum level in the system.</p>	
3. Milking cluster: 4 No.	<p>Milking claw with shut of valve should be of poly sulfone/ stainless steel or equivalent strong material with minimum 300cc capacity.</p> <p>Milking liners should be made of food grade rubber, have a life of 2500 milking or 6 months whichever is earlier.</p> <p>Short rubber tubes for pulsation distribution in each teat cup.</p> <p>Long heavy-duty rubber twin pulse for vacuum supply in cluster from pulsator.</p> <p>Milk tubes should preferably have a dual layer for maintaining milk quality and proper cleaning.</p>	



4. Automatic cluster removal: 4 No.	Manufacture in stainless steel complete with electronic valves for enabling cluster removal at optimum time with varied functionalities and vacuum operated shut off valve for stopping vacuum to the cluster thus enabling take off with auto sweep functions to prevent milk losses.	
5. Milking point controller (MPC): 4 No.	<p>Each milking point should be designed to withstand the challenging wet and electronic environment and should be splash proof.</p> <p>Individually controlled Milking pulsator with time based or flow-based stimulation. Milking point controller/pulsators should be located at individual places and have the possibility of displaying alarms, cow number, flow rate of milk and milk yield. Milk meter should accurately measure the flow rate in real time. It should have conductivity measurement and have least or no maintenance parts. Preferably milking parlour should have possibility to "NOT START" the milking, in case of milking cow on antibiotics or separate milk come into the milking parlour. Milking Point Controller/ Pulsator should be able to display/function any or all of the following:</p> <ol style="list-style-type: none"> <li>1. Milk Yield</li> <li>2. Milking Data like flowrates/ milking time/ peak flow rate</li> <li>3. Stimulation</li> <li>4. Pulsation Control with advanced functionality according to milk flow/ Variable Pulsation</li> <li>5. Kick Off Alert</li> <li>6. Automatic cluster take off for automatic stoppage of milking.</li> </ol>	
6. Pulsation: 4 No.	<p>Individual electronic pulsator preferably with possibility of automatic regulation of pulsation cycle based on flow rate and capable to do stimulation and designed to achieve optimum pulsation with precise electronic pulsator.</p> <p>The system should be designed for stimulation for easy let down and preventing over milking.</p>	
7. Milk receiver: 01 No.	<p>Stainless Steel minimum 60 Liter receiver vessel complete with filtration device to ensure fast and easy control of the inflowing milk and optimum cleaning during the wash cycle.</p> <p>A transparent sanitary trap with an automatic shut off valve for overflow protection to the vacuum system should be provided.</p> <p>For a quick and continuous milk flow (milk pump with min. 1 HP capacity) should be provided with milk receiver</p>	
8. Milk Line	Stainless steel milk lines in 50 MM size, Fitted with Milk entries and of sufficient length mounted on a suitable support frame fully fastened, Milk Lines will carry the milk from cluster to receiver and Milk Discharge lines of 38 mm from Milk receiver to Bulk Milk cooler complete with fitting accessories and supports.	



9. Vacuum Line	All Vacuum lines with necessary bends and drain valve will be of size 75 MM in uPVC with necessary bends and fittings.	
10. Automatic cleaning system	CIP System for cleaning the Milk lines of Milking Parlor with atleast automatic dosing of cold/hot water and automatic drain valve facility, manual dosing of alkaline and acidic detergents. It should have Air injector fitted on milk line for proper cleaning of milk lines. The water wash tank supplied in Stainless steel and covered with lid shall be of minimum 100 Litre capacity. CIP pipes: in stainless steel	
11. Jetter Plates: 4 No.	Foldable Stainless steel jetter tray/ cup at each milking point to prevent injury to milker. Each Jetter cups in rubber/ plastic and mounted suitable in milking parlor and connected to stainless steel water pipe for washing.	
12. Electric geyser:	Electric geyser in stainless steel of minimum 60 lit capacity to supply hot water at 80 deg Celsius, separate electrical panel with MCB for geyser.	
13. Udder washing spray guns: 02 No.	Heavy duty spray guns with adjustable flow for cleaning cow udder and floor.	
14. Startup material	Milking parlor will be supplied with startup material for smooth functioning of Milking parlor and all consumable like Vacuum Pump oil (05 L), Alkaline and acidic Detergent (05 L each), Pre dip and post dip (02 L each) /for a period of 3 Months.	
15. Installation & Commissioning.	Supplier will complete the installation and commissioning and impart training for use of Milking Parlor by attending at least 6 Milk sessions.	
16. Training	Training for a minimum period of 3 days to be provided for Milkers and related staff for milking parlor operation	

  
 Head,  
 Deptt. of LFC, COVAS,  
 CSK HPKV, Palampur.