

Tender No. UHF/RHR&TS/J/HMS-706/-1281

Dated 12th February, 2026

e-tender document

e-tender for

Supplying, installation:

- 1. Carbonization Furnace 5000 lit**
- 2. Grinder Machine with Cyclone**
- 3. Mixer machine**
- 4. Biomass pellet marking machine**

Tender Last Date: 28th February, 2026



RHR&TS Jachh (Nurpur) Distt. Kangra (HP)- 176201
Dr YS Parmar University of Horticulture and Forestry

PREFACE

Sealed e-tender are invited by the Director of Research, Dr YS Parmar University of Horticulture and Forestry, Nauni-Solan under Two Bid System i.e. Technical Bid and Financial Bid from reputed, experienced and financially sound Companies/Firms/Agencies for Supplying, installation, Carbonization Furnace 5000 lit, Grinder Machine with Cyclone, Mixer machine and Biomass pellet marking machine

- **NAME AND ADDRESS OF THE AUTHORITY**

The Director of Research
Dr YS Parmar University of Horticulture and Forestry
Nauni-Solan (HP) 173230.

- **ADDRESS FOR DOWNLOADING TENDER DOCUMENT:**

<https://hptenders.gov.in>

- **CONTACT PERSON FOR ANY QUERIES RELATED TO TENDER**

Dr Vipan Guleria, Associate Director, RHR&TS, Jachh (Nurpur), Distt. Kangra (HP)
(Cell No. 94180-57844).

- **BRIEF DETAIL OF THE e-TENDER**

Date of online publication :	13.02.2026 (5.00PM)
Document download start and End date :	13.02.2026 (5:30 PM) upto 28.02.2026 (10:00 AM)
Bid submission start and end date :	13.02.2026 (5:30 PM) 28.02.2026 (10:00 AM)
Physical submission of EMD and cost of tender document (Cover 1):	28.02.2026 (11:00 AM)
Date of Technical bid opening, evaluation of technical bid followed by opening of financial bid :	28.02.2026 (11:30 AM)

The cost of tender document is Rs. 1,000/- (Rupees one Thousand) only payable by Demand Draft in favour of “The Comptroller, Dr YS Parmar University of Horticulture & Forestry, Nauni-Solan”, Earnest Money (EMD) of Rs. 50,000/- (Rupees Fifty thousand) duly pledged in name of Comptroller, UHF Nauni, Solan which should be submitted in sealed envelope with letter head of company by 11:00 AM on 28.02.2026. The cost of tender document is NON-REFUNDABLE. The tender submitted without tender cost will be rejected straight way.

A) General Instructions

E-tenders in Two Bids (Technical/Techno Commercial & Financial/Price bid) basis are invited by the Director of Research for Supplying, installation of Carbonization Furnace 5000 lit, Grinder Machine with Cyclone, Mixer machine and Biomass pellet marking machine.

- a. Both techno-commercial and **financial bid must be submitted online at Tenders Himachal Pradesh site <https://www.hptenders.gov.in.on>** or before **28.02.2026**. In addition, physical copy of the techno commercial bid duly signed & stamped along with EMD/tender fee etc. must be submitted in physical form in the office of the undersigned on or before **28.02.2026**. The same must be submitted in properly sealed manner & superscribed as “Tender for **Supplying, installation**, Carbonization Furnace 5000 lit, Grinder Machine with Cyclone, Mixer machine and Biomass pellet marking machine for the **Regional Horticultural Research and Training Station, Jachh (Nurpur), Distt. Kangra (HP)-176 201**. It must be addressed to the Director of Research and must contain the particular of the bidder in bottom left hand of the cover. Tenders without EMD and tender fee and techno-commercial bid in physical form shall be rejected straightway.
NB:- Financial bid is to be submitted only in online mode. No physical copy of the same is to be submitted.
- b. The complete bidding process is online. Bidders should have possession of valid Digital Signature Certificate (DSC) for online submission of bids. Prior to bidding DSC needs to be registered on the website mentioned above.
- c. Tenderer/ Bidders are advised to follow the instructions provided in the ‘Instructions to the Tenderer/Bidders for the e-submission of the bids online through the Tenders Himachal Pradesh Portal at <https://www.hptenders.gov.in>
- d. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- e. The tender shall be submitted online in two part, viz., technical bid and financial bid. All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of nature of content of the documents before uploading. The offers submitted by Telegram/Fax/email shall not be considered. No correspondence will be entertained in this matter.
- f. Any future clarification and/or corrigendum(s) shall be communicated through the Public Procurement Portal for e Procurement at <https://www.hptenders.gov.in>. The bidders are required to regularly check the website to know about any/all such corrigendum(s) as only those bids, taking care of such corrigendum(s) shall be considered for finalization of the tender.
- g. Bidder should necessarily enclose a covering letter mentioning index of documents submitted with proper numbering.
- h. All the duly filled/completed pages of the tender should be given serial/page number on each page and signed by the owner of the firm or his Authorized signatory. In case the tenders are signed by the Authorized signatory, a copy of the power of attorney/authorization may be enclosed along with tender. A copy of the terms & conditions shall be signed on each page and submitted with the technical bid as token of acceptance of terms & conditions. Tender with unsigned pages/incomplete/partial/part of tender if submitted will be rejected out rightly.
- i. The competent authority of **Dr YSP UHF Nauni, Solan** reserves all rights to accept or reject any/ all tender(s) without assigning any reason and also reserves the right to

reject any bid which in his opinion is non-responsive or violating any of the conditions/specifications without any liability to any loss whatsoever it may cause to the bidder in the process.

- j. The bidder has to pay non-refundable tender fee of Rs 1,000/- (Rs one Thousand) in shape of DD payable to Comptroller, UHF, Nauni drawn at SBI Nauni/UCO Nauni.
- k. The bidder shall pay the respective amount of Earnest Money deposit (EMD) of complete assembly for which the bid is submitted by way of FDR in favor of **The Comptroller, Dr YSP UHF Nauni, Solan** for Rs. 50,000/- (Rs Fifty thousand)" drawn on any Nationalized Bank/ Scheduled Bank and payable at Nauni, Solan.
- l. Bids received without tender fees and Earnest Money deposit (EMD) shall stand rejected and thus shall not be considered for evaluation etc. at any stage. The Earnest Money Deposit of the successful Bidder may, at the discretion of Tender Inviting Authority be adjusted towards the Security Deposit payable by the Bidder.
- m. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority in terms of Ministry of Finance, Department of Expenditure, Public Procurement Division Order (Public Procurement No.1) and Order (Public Procurement No.2) vide F.No.6/18/2019-PPD dated 23/07/2020.
- n. All requirements laid down under the above specification must be carefully read and understood before claiming your instrument as complied.

B) Eligibility Criteria

The bidders must fulfill the following eligibility criteria: -

- i. The bidder should be a dealer of OEM, Turnkey Solution Provider or EPC (engineering, procurement and commissioning) or regular supplier of Analytical laboratory Instruments to govt. institutions, laboratories etc. Copies of supply order/ satisfactory installation report of at least one analytical instrument of value Rs 15.0 lakhs or more each for 2023-24 and 2024-25 should be attached as documentary proof.
- ii. Total average Annual turnover of the bidder in the last three financial years i.e., 2022-23, 2023-24, 2024-2025 shall not be less than Rs 1.0 Crore. (Documentary proof to be attached)
- iii. Bidder who has been blacklisted either by the Tender Inviting Authority or by any State Government or Central Government Organization shall not be allowed to participate in the tender during the period of blacklisting. The undertaking in this respect is to be attached.
- iv. The bidder should have PAN, GST Registration, Udyog Aadhar/ Udyam registration, as applicable in their case.
- v. Supplier or Authorized Dealer/distributor of a reputed foreign or Indian manufacturing company. The bidder has to enclosed appropriate registration/dealership letter/certificate.
- vi. The vendor has to attach published brochure/datasheet/published document from Original Equipment Manufacturer as a documentary proof which comply with required technical specifications. The university may ask the vendor for PPT presentation of the equipment before opening of financial bid. If tender opening committee wants, the vendor should be able to practically demonstrate all the sensitive specifications of the equipment in the nearby laboratories.
- vii. The same make and model as quoted by the vendor should have been installed and working satisfactory in Govt./NGO Laboratories in last two years. The name and address of the laboratories and their contact details has to be provided so that

authenticity of the equipment can be ascertained before opening of financial bid if required by the tender opening committee.

viii. The bidder should be able to guide the buyer for Biochar in soil amendment with detailed process of activation / saturation in biochar.

C) Techno-Commercial Bid

The tender should be submitted online.

1. The technical bid of the tender will be opened on **28.02.2026** at Committee Room of Directorate of Research, UHF Nauni, Solan. The financial bid will be opened after the evaluation of the technical bid.
2. The material should be supplied and installed at **Regional Horticultural Research and Training Station, Jachh (Nurpur), Distt. Kangra (HP) – 176 201** and Rates quoted should be F.O.R. site.
3. The project is to be completed on a turnkey basis, including unloading at the site and installation. Any minor item required for the operation of the unit but missed in the specifications shall also be under the supplier's scope.
4. Rates should be quoted in figures as well as in words.
5. Rates should be quoted as per BOQ.
6. A standard warranty of one year from OEM is mandatory starting from the date of the successful trial run.
7. Items of the tender will be evaluated as a single lot, and the order will be placed accordingly.
8. The successful bidder must supply the material within 30 days from the date of the Purchase Order (P.O.), failing which the materials shall not be accepted and the order will be cancelled.
9. The rates quoted should be valid for 120 days.
10. Non-compliance with the terms and conditions of supply shall lead to forfeiture of the security deposit and/or blacklisting of the supplier.
11. The University reserves the right to accept or reject any or all tenders without assigning any reason.
12. The bidder must have supplied analytical equipment to Government departments/corporations/universities/industries during the last 3 financial years (a list of similar work must be provided).
13. The bidder should not have been debarred/restrained/blacklisted by any Central/State Government agency, autonomous body, PSU, university, or institute in the past for similar works (Self Certificate to be provided).
14. The bidder should submit a specification compliance sheet as per the bid.
15. If any bidder fails to meet the required criteria or does not submit the requested documents online, the tender bid will be rejected without further correspondence.
16. All disputes shall be subject to Solan jurisdiction.
17. The supplier/dealer shall be responsible for the proper functioning of the items after supply during warranty period. If any item is found unsatisfactory, it must be lifted by the supplier at their own expense, and appropriate action will be taken.
18. If the L-1 bidder is unable to supply the required quantity within the stipulated period, Dr. YSP UHF, Nauni, may approach the L-2, L-3, and subsequent bidders to supply the remaining quantity at the same rates, terms, and conditions as offered by the L-1 bidder.
19. The EMD of the successful bidder will be retained until the supply is completed.

20. The supplier shall provide onsite training to the staff at **Regional Horticultural Research and Training Station, Jachh (Nurpur), Distt. Kangra (HP) – 176 201.** During installation, the supplier shall make their own arrangements for boarding and lodging.

Analysis of technical bid

- i) The technical bid will be analyzed and evaluated by the Technical Evaluation Committee (TEC).
- ii) If required, the Technical Evaluation Committee (TEC) / Host Institute Authority may seek specific clarifications from any or all Bidder (s) at this stage. The Authority shall determine the Bidder that qualifies for the next phase after reviewing the clarifications provided by the Bidder(s). The bidder may be asked to make a presentation before the Purchase Committee.
- iii) The Authority reserves the right to modify the evaluation process at any time during the process, without assigning any reason, whatsoever, and without any requirement of intimating the Bidder of any such change. At any time during the process of evaluation the Authority may seek specific clarifications from any or all Bidder (s).

Evaluation of Financial Bids

- i) In this phase, the Financial Bids of the Bidder, who are technically qualified in the Technical Bid, shall only be considered.
- ii) The bid of agency quoting lowest for the overall turnkey execution as per the scope of work in their financial bid will be accepted as the successful bidder.

Award of Work/ Supplies

- i) The bid of agency quoting lowest financial bid i.e. L-1 bidder will be awarded the work/ supply order. The tender shall be treated as a single document and the financial bid will be finalized on the basis of lowest financial bid quoted by a firm for complete tender.
- ii) Acceptance of tender will be intimated to the successful bidder signed by the authorized signatory of the institution.
- iii) In case the bidder recommended for award of contract is not ready to accept the offer/ found inappropriate, the proposal shall be made to subsequent bidder.
- iv) Performance Security shall be obtained from the successful bidder on the award of the contract at a rate of 2 percent of the value of the contract in shape of FDR/ duly pledged Fixed Deposit or Bank Guarantee from a commercial bank. Performance Security shall remain valid for a period of sixty days from the date of completion of contract including standard warranty period to the best of satisfaction of Procuring Department.
- v) The payment shall be made in two stages: 75% upon successful supply of the material, and the remaining 25% after successful installation, commissioning, and testing of the equipment.

UNDERTAKING

To,
Director of Research,
DR YS Parmar University of Horticulture
And Forestry Nauni, Distt. Solan – HP (Pin - 173230).

Sir,

1. I/we the undersigned, certify that I/we have gone through the terms and conditions mentioned in the tender documents and undertake to comply with them.
2. It is further certified that our firm has not been blacklisted by any agency in India or abroad.
3. We will supply the goods in accordance to the specifications of the work order.
4. At any stage, if it is found that the substandard /deviation from the specifications/design/quality has been made by us, we shall be liable for penalty and legal action.

Dated:

SIGNATURE OF THE TENDERER
WITH SEAL
NAME OF THE TENDERER
WITH ADDRESS

NOTE: Certificate as per above must be submitted only on non-judicial stamp paper of Rs. 100/- (Rs One Hundred Only)

Check List of Document to be uploaded by the bidder / firm/ agency duly signed by the firm:-

1. Tender fee of Rs.1,000/- in shape of Demand Draft.
2. EMD of Rs.50,000/- in shape of FDR.
3. A covering letter mentioning index of documents submitted with proper numbering.
4. Copies of supply order/ satisfactory installation report of at least one analytical instrument of value Rs 15.0 lakhs or more each for 2022-23, 2023-24 and 2024-25.
5. PAN, GST and other important license.
6. An undertaking to provide standard warranty for one year from OEM on equipment against manufacturing defects, starting from the date of the successful trial run.
7. An undertaking from the Bidder as per Annexure-1.

Technical Specifications

Name of Instrument : Supplying, installation, Carbonization Furnace 5000 lit, Grinder Machine with Cyclone, Mixer machine and Biomass pellet marking machine

Sl No.	Description	Technical Details
A) CARBONIZATION FURNACE 50000 LIT.		= 1 No
1	Heating Chamber	Size 3 mt length X 1.5 MT diameter
2	MOC	High Carbon Steel 8 mm thick
3	Door	Heavy-duty door with sealing gasket
4	Outer Jacke	3 mm MS material
5	Gas pipe	6 inch / 4 inch/ 3 inch MS pipes for syn gases
6	Gass Scrubber	1 gas inlet, 1 outlet, 1 exhaust with valve, 1 oil/water outlet with valve, fittings, fasteners etc.
7	Syn gas burners	2 Nos under heating chamber 4 Nos firewood feeding door temperature Gauge etc.
B) GRINDER MACHINE WITH CYCLONE		= 1 No
1	Grinder machine	With 20 hp Havells motor
2	Output Approx	100 to 150 kg per hour (Depend on raw material)
3	Suitable for biomass	Cattle feed, any agro waste
C) MIXER MACHINE		= 1 No
1	Mixer Machine	With 3 hp Havells Gear Motor Three phase connection
	Output capacity Approx	100 kg per batch (1 batch 15-20 minut), depend on raw material
D) BIOMASS PELLET MAKING MACHINE		= No
1	Biomass machine	The specification of the machine is it contains 25 hp Havells motor (1440 rpm) required 3 phase connection
	Biomass pellet	Output Approx. 100 kgs per hour. Depend on Raw material, pellet size
		Moisture meter Grease Gun Tool kit 1 Die fitted in machine
E) WARRANTY		
1	Standard Warranty	One Year
2	Extended Warranty	Two years
3	Annual Maintenance Contract	Two years after completion of Extended Warranty
F) ADDITIONAL REQUIREMENTS		
1	List of Requirements	<ol style="list-style-type: none"> 1) Free of cost satisfactory technical and application training to the personnel immediately after its installation at site. 2) All sensitivity specifications should be demonstrated during installation and should not be reference

		<p>specifications.</p> <p>3) Vendor should mention their model with catalogue number clearly in their Bid and same Model should also be available on the Manufacturer official website otherwise their Bid will be rejected.</p> <p>4) All the specifications mentioned in tender should be supported by Brochure/datasheet/Published document from Original Equipment Manufacturer. Information in published document will be taken for final comparative. No confirmation/justification on vendor/Manufacturer letter head for any specification will be entertained at any stage during evaluation process.</p> <p>5) Compliance statement sheet with technical bid should be enclosed, if there is any deviation in above mentioned specifications, it should be clearly highlighted in remarks.</p> <p>6) The company should be represented by their authorized dealer in India. The vendor should have qualified technicians and service personnel duly approved by OEM or authorized dealer available in India.</p> <p>7) During warranty/AMC period if equipment faces malfunctioning/shutdown in normal use in laboratory, the vendor should provide service within 4 days and an undertaking in this aspect should be provided.</p> <p>8) All requirements laid down under the above specification must be carefully read and understood before claiming your instrument as complied.</p> <p>9) IQ/ OQ must be quoted and performed during installation.</p>
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