

## M.P. STATE FOREST RESEARCH INSTITUTE

Polipathar, Jabalpur, Madhya Pradesh Telephone - 0761-2665540

e-mail: mpsfri@mp.gov.in Website: www.mpsfri.org

No.NIT/SFRI/Store/3126

Jabalpur Dated: 18/11/2025

Website: https://mptenders.gov.in

# TENDER DOCUMENT For the

## Supply, Installation & Commissioning of Scientific Equipment's

Tender Fee in Rs.		1000/-
EMD in Rs.	:	50,000/-
Published Date	:	19/11 /2025 17:00hrs.
Document Download / Sale Start Date	:	20/11/2025 17:00hrs.
Bid Sumission Start Date	:	20/11/2025 15:00hrs.
Pre Bid Meeting	:	27/11/2025 12:00hrs.
Document Download/ Sale End Date	:	09/12/2025 17:00hrs.
Bid Sumission End Date	:	09/12 /2025 17:00hrs.
Bid Opending date (Technical Bid)		11/12 /2025 15:00hrs.

Bidders are requested to carefully read all the terms and conditions before filling out the tender form.

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#### **NOTICE INVITING TENDER**

The M.P. State Forest Research Institute, Jabalpur invites tender in two bid system from eligible and qualified Original Equipment Manufacturers / Authorized Distributors of OEM / Authorized Dealers of OEM for the Supply, Installation, Commissioning & Training at site for the Scientific Equipment's.

#### The details are summarized below:-

a)	Tender number:	No.NIT/SFRI/Store/3126
b)	Purchaser	M.P. M.P. State Forest Research Institute
		Polipathar, Jabalpur (M.P.)
c)	Usage of Machine	The purchaser would place the Scientific
		Equipment's in their Research Works.
d)	Scope of Tender:	Supply, Installation, Commissioning, Training &
		Testing to trainers.
e)	Specification/details of	The detailed specifications of machine are specified in
	machine:	tender and placed at Annexure-A
k)	Last date of submission	09/12 /2025 17:00hrs.
	of tender	
l)	Date of opening of	11/12 /2025 15:00hrs.
	Technical Bid	
m)	Date of opening of	The date for opening second envelope containing
	financial Bid	Financial Bid will be intimated to the qualified bidders
		separately.

**Note:** In case of any further details required, the same can be collected from the Office of Director, M.P. State Forest Research Institute, Polipathar, Jabalpur-482008 (M.P.) from **19/11/2025 to 09/12/2025** (except Saturday & Sunday) between 10:30 hours to 16:00 hours.

#### **Director**

M.P. State Forest Research Institute Polipathar, Jabalpur-482008 (M.P.)

#### **INSTRUCTIONS TO THE TENDERERS**

The Tender shall be submitted in accordance with the se instructions, as under.

#### 1. Eligible Bidder:

- a) The intending Bidder, in case of Original Equipment manufacturers shall submit a self-declaration on their letter-head, along with the Technical Bid, Financial Bid that they are regular in manufacturing & supplying the similar machines, as asked in this tender, for the last Five (05) years.
- b) The original equipment manufacturers shall possess ISO Certificate for their establishment. The copy of the valid ISO Certificate shall be placed with the Technical Bid.
- c) The intending Bidder, in case of Authorized Distributor of OEM / Authorized Dealer of OEM shall possess valid authorized Distributorship / Dealership license from Original Equipment Manufacturers who should have valid ISO Certificate and shall be engaged in regular manufacturing and supply of similar machine/equipments for the last Five (05) years. The Bidder shall enclose the copy of the same in Technical bid while submitting the tender.

#### 2. Location of supplies:

a) The details of locations where the Scientific Equipment's supplied through this tender are as under:

S. No	Location	Address for supplies
1	M.P. State Forest Research Institute	M.P. State Forest Research Institute Polipathar, Gwarighat Road,
		Jabalpur – 482008 (M.P.)

- b) The bidder is free to inspect the location(s) in the premises before submitting the bid under this tender.
- c) It may be noted that Director, M.P. State Forest Research Institute, Jabalpur have full rights to cancel the Tender even after calling the offers from bidders but before the issue of supply order to execute the supply by the bidder. The reason for cancellation of supply to the designated location Jabalpur would not be disclosed.

#### 3. Scope of Supplies:

- a) The material shall be supplied in compliance to the specifications mentioned in Annexure-A of the tender.
- b) The specifications of the Scientific Equipment's as mentioned in the Annexure-A are the requirements of tender, however higher specifications of machine may be considered subject to their cost economics i.e. competitiveness in financial terms for the particular location.
- c) After the supply of Scientific Equipment's as mentioned in the Annexure-A, the bidder has to execute its installation & commissioning of equipments/machine at the designated site in Jabalpur. No extra cost shall be paid for this reason.
- d) After the installation & commissioning of equipments/machine, the training to the local trainer shall be given for Days (05) working days wherein the training about the machine's operations, maintenance, information about Do's & Don'ts as well as trouble shooting & all other areas which are necessary for smooth functioning of machine shall be provided to at least two persons designated by purchaser, at site, by the bidder. No extra cost shall be paid to the successful bidder for imparting this training.
- e) The bidder shall offer on-site comprehensive warranty of machine for at least Three years from the date of successful commissioning of equipments/machine at the designated location. The

purchaser is not liable to pay any extra charges on any account during warranty period.

#### 4. **Delivery**

- a) The purchaser interested for complete delivery of Scientific Equipment's by the bidder within Twenty One (21) calendar days from the date of issue of supply order. However, the bidder has an option to submit the best delivery time, but in any case the delivery should be before 21 days from the date of issue of supply order by purchaser.
- b) The Scientific Equipment's shall be inspected on receipt at site and bidder shall be responsible for any damage during the transit of equipments/machine.
- c) The bidder shall not arrange part shipments and/or trans-shipments without the permission of purchaser. The insurance cover including insuring the goods against the loss or damage incidental to manufacture or acquisition, transportation, storage and delivery/Installation & Commissioning shall be obtained by the bidder in his own name and not in the name of purchaser. The purchaser will as soon as possible but not later than 30 days from the date of arrival of goods at destination shall notify the bidder of any loss or damage to the goods.

#### 5. Warranty

- a) The bidder shall offer on-site comprehensive warranty of Scientific Equipment's for three (3) years from the date of successful commissioning of Scientific Equipment's at the designated location & shall cover each and every part of the Scientific Equipment's including parts having limited life etc. The purchaser is not liable to pay any extra charges on any account during warranty period.
- b) The bidder shall pay to the purchaser such compensations that may arise by reasons of the warranty therein contained but not attended by the bidder.
- c) Any part or parts fail or proved defective within the on-site warranty period specified above, owing to defect in design, material or workmanship, the bidder shall have to replace them at the place of installation without asking for any charges.
- d) During the warranty period, expert(s) shall be deputed at site by the bidder within five working days from the date of request from purchaser, to rectify and fixing the defects of machines at the location where machine supplied. The cost of deputation of expert(s) and any other associated expenditure shall be borne by the bidder.

#### 6. **Performance Security**

The amount of the performance security shall generally be 3% of the contract value. The performance security may be deposited in cash or demand draft, fixed deposit receipt, banker's cheque, or irrevocable bank guarantee. The bank guarantee submitted will be verified by the concerned bank. The performance security will be returned within one month after successful completion of the tender period.

#### 7. After Sales Services

- a) The bidder shall ensure to render after sales services during the warranty period to the satisfaction of purchaser.
- b) The bidder will depute their engineer with in three working days to attend the service call received in writing from purchaser.

#### 8. Manuals:

The bidder to supply three (3) sets of the following manuals in hard format and one (1) soft format along with machine:

- i. Installation Manual
- ii. Operation Manual
- iii. Maintenance Manual

#### 9. Tender documents:

- a) The tender document can be download from the website https://mptenders.gov. in between the period from 19/11/2025 to 09/12/2025 to 17:00 hours against payment of Rs. 1000/- (One Thousand only)
- b) At any time prior to the deadline for submission of bids, the Purchaser may amend the Bidding Documents by issuing addendum/Corrigendum. The prospective bidders are advised to remain in touch with the Website for any update in respect of this tender.

#### 10. Authorization for submission of tender:

- a) The original and all copies of the bid shall be signed by a person duly authorized to sign on behalf of the Bidder. The written confirmation of authorization (in form of letter on the bidder's letter head) to sign on behalf of the bidder confirming the signature as a person duly authorized to sign should be attached with the technical bid of the tender.
- b) The person signing the tender form or any other documents on behalf of the Bidder shall be deemed to warrant that he has authority to bind the Bidder. If subsequently comes to light that the person so signed had no authority to do so, the purchaser may without prejudice to any other civil & criminal remedies cancel the tender and hold the Bidder liable for all costs, charges and damages.

#### 11. Earnest Money & Tender Fee Deposit:

The EMD shall be submitted in MP Tender Portal in https://mptenders.gov.in

#### 12. Jurisdiction:

In the event of any dispute the legal matter shall be subjected to the jurisdiction of Jabalpur Court (M.P.) only.

Bidder's Name & Signature With Seal

## <u>Details of requirements and technical specifications of Scientific Equipments</u>

S No.	Name of Items	Qty	Description of Te	chnical Spe	cification	
1	Systronic Flame Photometer	01	Specification	Element	Low Conc. mode max.	High conc. mode max.
				Na	10ppm	100ppm
				K	10pm	100ppm
				Li	2 ppm	50 ppm
				Ca	100pm	300 ppm
			Interference filters		ndards, Ca Li (	
			Reproducibility			Conc. : ± 2% f.s
			Minimum Sample	3ml / eleme		
			Averaging Time	2 to 15 sec		
			Operating Air Pressure	0.45kg/cm3		
			Air compressor		n air regular an	
					le and moistur	
			Final Occ		Pressure of 1	
			Fuel Gas		ied by end use	
			Printer Port			umn D.m. Printer
			RS-232 port	PC Link da		
			Memory	Storage of		
			Power	230V±10%		(110 (110
			Dimensions		255 (D0 x 305 (	
				(Compress	V) x 210 (D) x :	205 (H) IIIIII
			Weight		.5 kg + Compr	occor 6 kg
			Accessories		, Air & Gas Tul	
			Optional Accessories			atic flame Ignition
			Optional Accessories			mn D.M. Printer
				PC Link sof		illii D.ivi. i illitoi
2	UV/VIS	01	Туре		uble Beam Spe	ecification
_	Spectrometer	• -	Source		lamp and tung	
	Double Beam			lamp		sterritalogeri
			Detector	Two-Photo		
			Grating		olographic diffi	raction Grating
			Automotic forestion	line/mm	<b>:</b>	
			Automatic function		amp section	antina files
					wavelength sel	ection, fliter
				selection	Dark carraction	
					Dark correction	on- Five position
				(Optional)	Suverile Selecti	on- rive position
					Baseline Calibr	ation
			Range of Operation		n:- 190 nm to 1	
			gs or operation		c Absorbance	
					nce :- 0 to 100	
			Bandwidth	1.0 nm	2 2 3 . 30	
			Resolution		01 Abs & 0.1 9	<b>6</b> Т
			Measurement mode			By K-factor, BY
				standard, o	r By Standard)	, DNA and
						ponent analysis,
				Nitrate ana	lysis, And time	Scan.
			Path length		mm path lengtl mm, 50mm &	n, compatible with
		<del> </del>	Accuracy	Wavelength		10011111
			Accuracy		e :- ± 0.005 Ab	<u> </u>
					nce :- ± 0.005 Ab	
			Display	In –built Dis		
			Display			x 800 Resolution-
				Multitouch)		A JOO ROJOIGHOIT
				Size :- 10.		
			Dog o 7 o £1 7	Size :- 10.	i iticii	

	T		24	1 =	100.00	
			Other parameters	Total memory		Deinton
					kternal Suport all	
					dows 10 or Highe	
			Oneveties System		ty:- Yes, through I	USB
			Operating System	230V± 20volt	higher Version	
			Power Supply	8 – 48 °C	and 50 HZ	
			Operating temperature			
			Operating humidity Accessories		an drive LICP of	abla
			Accessories	manuals	oen drive, USB ca	able,
			Password Protection	Yes		
			Administrator and user Login	Yes		
			Audit trial	Yes		
			Provision for Organization Name,	Yes		
			Chemist name & Instrument ID	100		
			Inbuilt Debug Software	Yes		
3	Digital Burette	01	Burette, Digital Solar Powered,	Capacity:-	0.2	0.1
	Bottle		conformity certified, with Individual	50ml	Accuracy R	Reproduci
			Work Certificate, High Precision,		≤ ± %	bility CV≤
			DigitalTitrator for exact and error-free			%
			Titration, Solarus, The unit will be			
			supplied complete with mounted			
			discharge unit and A45 female thread. 3			
			different adapeterers (A32. A30 7 a			
			40), suction tube return tube and			
			wrench.		1	
4	Automatic	01	Burettes, Automatic, Straight Bore	Capacity:- 50r	ml	
	Burette with		Stopcock, with Glass key,			
	2000ml		White Graduation, Accuracy as per			
	Reservoir		Class 'A' with Individual Certificate of			
			Performance, Complete with Reservoir,			
			Mode from Heat Resistant, Low			
			Expansion Borosilicate Glass,			
E	nH Electrode	Ω1	Glass body:	0.14 pU	0 to 90 Tomp	120mm
5	pH Electrode	01	Glass body:-	0-14 pH	0 to 80 Temp.	120mm
5	pH Electrode	01	Glass body:-	Rang	range ºC ُ	120mm length
	•					
6	Single Chamber	01	Automatic processing of vacuuming,	Rang	range ºC ُ	
	•		Automatic processing of vacuuming, sealing, printing, coiling and packaging.	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm	Rang	range ºC ُ	
	Single Chamber Vacuum Packing		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm	Rang	range ºC ُ	
	Single Chamber Vacuum Packing Machine  Seed Germinator		Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed compressor with cooled condenser and	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed compressor with cooled condenser and copper cooling coil	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed compressor with cooled condenser and copper cooling coil  FH motors in build 3 step automatic voltas stabilizer	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed compressor with cooled condenser and copper cooling coil  FH motors in build 3 step automatic	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed compressor with cooled condenser and copper cooling coil  FH motors in build 3 step automatic voltas stabilizer  Dimension of working chamber H.910 X	Rang	range ºC ُ	
6	Single Chamber Vacuum Packing Machine  Seed Germinator Single Door	01	Automatic processing of vacuuming, sealing, printing, coiling and packaging. The machine should be suitable to prevent the product from oxidization and mildew, as well as corrosion and moisture, keeping the quality and freshness of the material over a prolong storage time.  Work room size: 420 x 440 x 80 mm  Sealing length: 400 x 10 mm  Sealing speed: 1 – 4 time per minute  Packing capacity: 500 gm to 5 kg.  Single chamber seed germinator with lighting arrangement  Temperature: 5 to 50°C ± 1°  Chamber with heavy duty sealed compressor with cooled condenser and copper cooling coil  FH motors in build 3 step automatic voltas stabilizer  Dimension of working chamber H.910 X W.555 X D.605 mm	Rang	range ºC ُ	

			Voltage: 220/230 V 50 cycles A-0 only.	
			Insulation: 75 mm by puff	
			Outer chamber: Mild steel duly painted with epoxy powder coating	
			Chamber door: Acrylic door	
			Outer double walled door with lock and key	
			Chamber should be stainless steel water reserve wire at the bottom and constant water level arrangement	
8	Germination Tray with Iron	100	Germination tray –	
	Stand		Heavy galvanized iron sheet size 20" X 12" X 4" (L X W X D) as per tray size iron stands also be needed.	
			Hole in the bottom space between 4"X4"	
9	Seed Counter	1	Counting speed: 10000 to 100000 per hr.	
			Accuracy: less than 1/1000 error rate	
			Features: Precision counter for small articles 0, 18 mm diameter	
			Dimension : W X D X H 310 X 310 X 200 mm	
			Usage/Application: Forestry seeds or ornamental plant seeds / dust fine plant seeds	
			Display: LED digital display, Fully automatic	
10	Deep freezer	1	Capacity: 300 – 400 Ltr.	
			Temperature Range: -15 to -22	
			Number of Doors: 2	
			No. of Basket/Shelves: 2	
			Defrost Type: Auto-Defrost	
11	Auto Clave front loading	1	Capacity: 10 – 15 Ltr.	
	loading		Material: Steel	
			Shape: Rectangular	
			Type: Fully Automatic	
			Power Consumption : 2 kw	
			Usage: Sterilization of glassware and paper material	
			Display: Digital of all operation with sequence and timer.	
12	Microwave	1	Capacity: 15 – 20 Ltr.	
			Display: LED Digital with touch screen  Type: Fully automatic	
13	Soxhlet	2	Multiple heating positions with	
	Apparatus with Heating Mental		<ul><li>Independent heating control for each position</li><li>Borosilicate flask, extractor &amp;</li></ul>	
			<ul><li>condenser</li><li>Non-slip rubber feet</li></ul>	

		<ul> <li>Electronic circuit based heat controller for uniform heating.</li> <li>Input voltage: 220 V AC ± 10%, 50/60 Hz</li> <li>Temperature range: Ambient + 5°C to 350°C</li> <li>Heater: Glass fiber yarn knitted heating element</li> <li>Construction: Heavy duty, power-coated mild steel body</li> </ul>	
14	Double Distillation Water Unit	<ul> <li>The unit consists of a primary boiler with built in heater enclosed in a quartz boiler.</li> <li>Double wall condenser ensures separate condensation of vapor coming from two boilers using a single coiling circuit.</li> </ul> Features:	
		<ul> <li>Quartz boiler,</li> <li>quartz condenser,</li> <li>Safety cut off unit,</li> <li>Safety cut off device,</li> <li>Pyrogen free,</li> <li>Free of heavy metals,</li> <li>Distill water output within 2 to 3 minutes,</li> <li>Power coated stand for rust free operation,</li> </ul>	
		Distilled quality:	
		<ul> <li>Conductivity: &lt; 1.0 μS/cm</li> <li>Distillate Temperature: 65 to 75°C</li> <li>Distilled Water Quality: Pyrogen Free</li> <li>Input voltage: 230 V AC ± 10%, 50-60 Hz</li> </ul>	

#### NOTE:

- i. All the items should be of standard make of good quality, accuracy and Precision.
- ii. The procuring authority i.e. Director, MP SFRI, Jabalpur have full rights to cancel the Tender even after calling the offers from bidders but before the issue of supply order to execute the supply by the bidder. There as on for cancellation of supply to the designated location i.e Director, SFRI would not be disclosed.

#### FORMAT & REQUIREMENTS FOR SUBMITTING TECHNICAL BID

1.	. Tender Ret. No:									
2.	Name of Bidder:									
3.	Com	Complete office address of Bidder								
4.	. Tender fee payment details (enclosed payment receipt)									
5. Confirmation of acceptance of Technical Specifications for the supply of Scientific Equipment's:										
	#	Technical Specifications  Acceptance to If								
		Scientific Equipments  AS Per Annexure-A								
6.	EMD	payment details ((enclos	sed payment receipt)							
7.	PAN	Number of bidder (self-a	attested copy to be enclosed)							
8.	GST	IN registration number o	f bidder (self-attested copy to be enclose	ed)						
9.	delive order shou 21 da	ery of machine by the bider. However, the bidder hand be before ays from the date of issue	of supply order from purchaser: (The der within Twenty One (21) calendar day we an option to submit the best delivery of supply order by purchaser. Delivery that Days In figure)	ys from the date of time, but in any so be completed in	of issue of supply case the delivery number of days					
10	) Da	stails of address with	contact details for at least five n	urahasar ta wh	om the hidder					

- 10. Details of address with contact details for at least five purchaser to whom the bidder supplied similar Scientific Equipments in the last three (3) years: (Enclosed details)
- 11. Documents Details to be enclosed with the Technical bid by bidder are as under:
  - a) In case the bidder is Original Equipment manufacturers, the bidder to submit a self-declaration on their letter-head, confirming that they are regular in manufacturing & supplying the similar machines, as asked in this tender, for the last Five (05) years.
  - b) In case the bidder is Authorized Distributor of OEM / Authorized Dealer of OEM, the bidder to attach self-certified valid authorized Distributorship / Dealership license from Original Equipment Manufacturers who should have valid ISO Certificate and shall be engaged in regular manufacturing and supply of similar machine for the last five (05) years.

- c) The original equipment manufacturers shall attach the self-certified copy of valid ISO Certificate for their establishment.
- d) In case the bidder is Authorized Distributor of OEM / Authorized Dealer of OEM, the bidder to attach the self-certified copy of valid ISO Certificate of their OEM.
- e) Undertaking as per Annexure-D on official stationery.
- f) Duly signed all pages "Instructions to Tenderers" of the tender document as a Mark of acceptance.
- g) The letters substantiating performance for at least three (03) other purchasers, to whom, the similar machine supplied by the bidder in last five (05) years.
- h) Technical Literature of machine(s) with particular reference to the modal of machine proposed to supply against this tender along with reference of website to assess the further features.
- i) Authorization letter in favor of personnel to sign the tender behalf of bidder.
- j) Self-attested copy of valid GSTIN registration. m) Self attested copy of valid PAN number.
- n) The Bidders shall furnish complete Technical details of machine/equipment/material for the machine offered to supply through the participation of this tender (use separate sheet to elaborate the details of technical specifications such as Measuring Range/Size, Least Count/Resolution, Accuracy, Materials used, Accessories, Tools, Spares etc.)
- o) To submit all supporting information with respect to the technical data, drawings or booklets of product. Any product brief, test certificates available may be enclosed.

I/We as bidder certify that:

- a. Agree to offer services for onsite comprehensive warranty for three years on the machine(s) supplied through this tender.
- b. Agree to impart onsite training to the designated personnel of purchase for 05 working days
- c. No price of any Machine/Equipment/Spares/Accessories shall be given in Technical Bid.
- d. All above machines should be provided with safety features/curtains/enclosers etc., wherever applicable.
- e. Units should certify that all consumables, electrical and electronic parts of the product conform to national/international standard(s).

Name	&	Signature	of	the	authorized	bidder	with	stamp
Contact detai	ls c	of authorize	d p	ersor	n of bidder v	vho hav	e sigr	ned the
tender								

Name	
Designation	
Phone	
Mobile)	
Email	

### ANNEXURE-C

## Financial Bid (BoQ)

1.	Tender No:
2.	Name of the Bidder:
3.	Enclosed BoQ (Excel Sheet) (Yes/No.):
	Name & Signature of the authorized bidder with stamp Contact details of authorized person of bidder who have signed the tender.
	Name
	Designation
	Phone
	Mobile
	Email

## (Undertaking from Bidder)

(Ondertaking from Bidder)		
To,  The Director  M.P. State Forest Research Institute, Jabalpur (M.P.)		
Sir,		
Subject: Undertaking for the participation to the tender No		
Due for opening of technical bid.		
Dear Sir,		
<ol> <li>HAVING EXAMINED AND PERUSED THE FOLLOWING DOCUMENTS</li> <li>Notice Inviting Tender</li> <li>Instructions to The Tenderers</li> <li>Details of requirements and technical specifications (Annexure – A)</li> <li>Format &amp; requirements for submitting technical bid (Annexure – B)</li> <li>Financial Bid (BoQ) (Annexure – C)</li> <li>Undertaking from Bidder (Annexure – D)</li> <li>Declaration(Annexure – E)</li> <li>Bidders Agreement Form (Annexure – F)</li> </ol>		
I/Wedo hereby submit the above tender in prescribed formats duly completed in all respects in accordance with the conditions applicable. If this tender is accepted, I/We agree to abide by and fulfill all the terms and conditions in the tender documents		
I/We hereby distinctly and expressly declare and acknowledge that before the submission of this tender, I/We have carefully followed the instructions and I/We have understood the existing system of supply at the location i.e. Director, M.P. State Forest Research Institute, Jabalpur -482008 (M.P.) of purchaser including the scope and nature of duties expected from the Bidder.		
I/We distinctly agree that I/We would hereafter make no claim or demand upon the purchaser based upon or arising out of any alleged misunderstanding or misconceptions or mistake on my/our part of the said stipulations, restrictions and conditions.		
I/ We declare that our unit has never made any default in supplying the machine/ equipment to Government / Semi Government/ Central or State Public sector enterprise(s) in terms of quality and financial agreed supply conditions.		
Any notice required to be served on me/us shall be sufficiently served on me/us by post		

(registered or ordinary) or courier or left at my/our address furnished herein.

Dated this	day 01	2025	
Dated this	day of	2025	
I/We understood that the purchaser in receive without assigning any reason	·	t any proposal that it may	
•		er documents.	

#### **DECLARATION**

## DECLARATION REGARDING BLACK LISTING/NON-BLACK LISTING FROM TAKING PART IN GOVT. TENDER BY GOVT. DEPT

I/we Proprietor /Partner(s) Director (s) of M/s
Hereby declare that the firm/company namely M/shas
Not been blacklisted of Debarred in the past by any other Government Organization from
taking Part in Government tenders.
Or
I /We Proprietor /Partner (s) Director (s) of M/s
Hereby declare that the firm/company Namely M/swas
Blacklisted or declare by any other Government Department from taking part in Government
tenders for a period ofyears w.e.fThe period is over
Onand now the firm/company is entitled to take part in Government
tenders.
In case the above information found false I/We are fully aware that the
tender/company contract will be Rejected/Cancelled by Director, SFRI and EMD/SD shall be
forfeited.
Signature
Full Name of the Tenderer
Complete Address
Mobile/Tel. No.
E-mail id :
Date
Place

#### **ANNEXURE-F**

### **Bidders Agreement Form**

	This a	greement is	made between	the Directo	r, MP	State	Forest	Research Ins	titute,
Polip	athar,	Jabalpur	(hereinafter	referred	to	as	the	Institute)	and
								(herei	nafter
referr	red to as	the Supplie	er). Both parties	, agreeing to	the fo	ollowin	g terms	s and condition	ons of
the a	greemer	nt, execute tl	nis agreement o	n this day, t	he				
The	Supplier	shall deliver	the materials t	o the Institu	te at th	ne rate	quoted	d in the tende	er, for
which	n no sepa	arate expens	ses will be paid.						
2. Th	ne materi	als must be	delivered to the	e Institute wi	thin 21	days	of the	supply order.	If the
ar	re not su	pplied within	the stipulated ti	me or if the	quality	and q	uantity	are not correc	ct, the
aç	greemen	t may be te	rminated prema	turely, and t	the EN	/ID dep	osit wi	Il be forfeited	l, and
th	e tender	er will be bl	acklisted by the	Institute for	a ma	ximum	period	of 3 years. I	n this

- 3. For equipment where a specific company is mentioned, only materials from that specific company and meeting the specified standards will be accepted.
- 4. I accept all the terms and conditions for contracting the rates for the equipment as mentioned in Annexure-A.
- 5. In case of any dispute, only the courts located in Jabalpur will have jurisdiction.

regard, the decision of the Director will be final and binding.

Director
M.P. State Forest Research Institute
Jabalpur (M.P.)

Signature	
Full Name of the Te	enderer
Complete Address	
Mobile/Tel. No.	
E-mail id :	
Date	
Place	