

Online Tender / E-tenders are invited
for the supply of various equipments
required for VANDHAN Kendras

DEENDAYAL RESEARCH INSTITUTE

*TENDERNO: DRI/Trifed/MFP/Vandhan/TEN. /2024-
25/01*

FOR THE YEAR

2024-2025

OFFICE
DEENDAYAL RESEARCH INSTITUTE

Chitrakoot 485334, Satna (MP)

E-Mail: drichitrakoot@dri.org.in

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Online Tender / E-tenders are invited for the supply of various equipments required for
VANDHAN Kendras

1. Tender Notice

Tender Notice
OFFICE
DEENDAYAL RESEARCH INSTITUTE
CHITRAKOOT, SATNA (MP) 485331

Invites online bids (Two bid system) from registered m for Supply of equipment and
machinery at DRI Chitrakoot, Satna

Tender No	Description	Security Money Deposit	Bid Document Price
01	Supply of Equipment and machinery	3 % of estimated	INR00

Online bidding goes through **Website: www.dri.org.in/** and online e-tenders are invited as per key dates from **registered manufacturer and supplier for various equipment's required for VANDHAN Kendra's under VANADHAN Project** Tender document and other details are also available at the websites through www.dri.org.in/

2. In all respect the soft copy and hard copy of the Bids (Envelope-A, and Envelope-B) must be received at the office of the undersigned latest by **12:00 hours on 16-09-2024** and will be opened ONLINE Technical Tender (Envelope-A) on the same day i.e. **19-09-2024 at 11:30 hour**. In the presence of such tendered or their authorized representatives as may be present.
3. All corrigendum/ amendments/changes if any will only be issued and made available only on www.dri.org.in/

Dr. Anil Jaiswal
Deputy General Manager
DRI Chitrakoot Satna (MP)

Online Tender / E-tenders are invited for the supply of various equipments required for VANDHAN Kendras
On the Vandhan Project

Key Dates and Time

Sr. No	Task	Date &Time
1.	Opening date	03-09-2024 ,12:00HRS
2.	Submission of Soft & HardCopy of Bids (Envelope A & Envelope B)	17-09-2024 ,12:00HRS
4.	Online Opening of the Technical Bids (Envelope– A)	19-09-2024,11:30 HRS
5.	Online Opening of the Financial Bids (Envelope– B)	19-09-2024,12:30HRS

e-Tender| Online Tender / E-tenders are invited for the supply of various equipment's required for VANDHAN Kendra's On the Vandhan Project

2. Tender Rules

Scope of Tender

The Deputy General Manager, Deendayal Research Institute, chitrakoot, Satna-485331(MP) (herein after referred as Tender Inviting Authority and/or Tender Acceptance Authority and/or Ordering Authority unless the context otherwise requires) Invites online bids (Two bid system) from registered **manufacturer and supplier for various equipment, s** as below:

Tender No	Specification of equipment's	Security Money Deposit	Bid Document Price
01	Supply of equipment and machinery	3 % of estimated cost (-- ---- lakhs)	INR00

Eligibility Criterion

The Tenderer should fulfill the following eligibility criteria:

- a) The Tenderer should be registered contractor having relevant License and such a Registration should be valid as on the date of Tender submission.
- b) The Tenderer should have achieved annual turnover as follows (every FY) in the last three financial years.

Tender No	Description	Minimum Annual Turnover
01	Supply of equipment and machinery	50 Lakhs

- c) The Tenderer (and tenderer's principal contractor should not be blacklisted either by the Tender Inviting Authority or by any State Government or by Government of India.
- d) The contractor should be in the business of construction of similar items for a period not less than 5 Years.
- e) The Tenderer must submit the Form- "A" on letter head with signature & stamp. Annexure-1

Validity of Tender

- a) The Tender will be valid for a period of 10 DAYS after the due date of submission of Tenders. A Tender valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive
- b) In exceptional circumstances, prior to the expiration of the Tender validity, the Tender Inviting Authority may request the Tenderers to extend the Tender validity for further period as deemed fit. The request and the responses thereto shall be made in writing. A Tenderer, agreeing to the request will not be required or permitted to modify its Tender.

Preparation and submission of Tender

- a) The Tender should be Computerized and every correction and interlineations in the bid should be attested with full signature by the tenderer, failing which the bid will be treated as ineligible. Corrections done with correction fluid should also be duly attested.
- b) Bidder should give all relevant particulars about every item and Price etc.
- c) Registered contractor should submit the certificate.
- d) All documents/papers should be numbered, signed and sealed by the Tenderer on each page.
- e) The Tender is required to be prepared and submitted in two parts viz. 'Part A- Technical Bid' and 'Part B - Price Bid'.
- f) The '**Envelope of Part-A Technical Bid**' shall contain all essential documents for Technical Tender. Such documents attached as per Annexure-1 to (Online).
- g) The '**Envelope of Part-B-Financial Bid**' shall contain duly filled, stamped and signed Price Schedule in the format provided in Annexure – 3.
- h) The Online tenders as above should be submitted on dritchitakoot@dri.org.in as per Scheduled date and time.
- i) Tender submitted or received after the closing date and time will not be considered and shall not be considered.

Tender Prices

- a) Tender has been called for in the names of Items. The Tenderers should quote the rates for the Items mentioned in technical specification for Supply of equipment and machinery. The Tenderer should mention the name of work being quoted.
- b) The rates should be quoted in format of Price Schedule shown in Annexure-5. Rates quoted in any other format tender will be rejected.**
- c) Quoted rates are valid up to one year from the date of signing of contract agreement and shall be firm during the currency of the contract.

Opening of Tenders

- a) The Tenders shall be opened at the scheduled date, time and venue by the committee constituted by the Tender Inviting Authority. The Tenderers' representative may attend the Tender opening.
Technical Bid & financial bid shall be opened Online and Physical copy submitted by post to address of **Deendayal Research Institute, Chitrakoot Satna – 485331 (MP)**
- b) The date and time of opening of Price Bid shall be informed to such Tenderer who qualify in technical Bid evaluation. The tenderer's representative may choose to attend the opening of Price Bid.
- c) In the event, the date of opening as above is declared government holiday; the tenders shall be opened at the same time on the next working day.

Evaluation of Tenders

- a) The Evaluation committee, constituted by the Tender Inviting Authority, shall evaluate the tender with reference to technical requirements and various other commercial criteria given in the Tender Document.
- b) Tendering agency reserved the right to cancel; disqualify any tender despite being of low rate, if they not satisfied with the quality of products offered.

Placement of Work Orders and Delivery Requirements

- a) The Tender Inviting Authority shall place work Order for fabrication/construction of Items with in the period of 15 days from the date of award of contract with successful Tenderer. Tender Inviting Authority reserves the right to extend the validity of work order further by 01 months on the same rates and terms & conditions of the contract.
The tenderer should complete the material supply at the **Deendayal Research Institute, Chitrakoot, Satna – 485331 (MP)** within 20 days from the date of issue of work order.
- b) If at any time the Tendered has, in the opinion of the Tender inviting authority, delayed the completion of work due to one or more reasons related to force major events such as riots, mutinies, wars, fire, storm, tempest or other exceptional events, the time for completion of work may be extended by the Tender inviting authority/ordering authority at its discretion for such period as may be considered reasonable. However, such extension shall be considered only if a specific written request is made by the Tendered within 7days from the occurrence of such event. The exceptional cause does not include scarcity of raw material, power cut and labor disputes.
- c) The undersigned reserves the rights for any changes /cancellation /rejection of any part or whole tender, without assigning any reason what so ever.
- d) **Warrantee /Guarantee should be for period of minimum 3year.**
- e) It must be noted that normally all correspondence and transactions will be made only with the parties whose tenders have been accepted and not with anybody else.
- f) The undersigned reserves the right to split up the order for supply of articles at tender for amongst more than one tender.
- g) The Tender inviting authority may ask for samples and demonstration of any particular item quoted by the bidders or being used in the Supply of equipment and machinery. The bidders shall have to give Demonstration in the prescribed time limit. In case the demonstration of work item is not in accordance to the specification in the prescribed time it shall be open to the undersigned to forfeit Security Money Deposited by the bidder. If the sample work is approved, the same will be returned back to the party after the satisfactory completion report by the tendering authority.
- h) All works should be completed with quality. The undersigned may get the works inspected by such person or persons he deems fit and to reject such of these works as in his opinion do not come up to the satisfaction. The

decision of the undersigned will be final in such cases.

- i) If any of the item work done by the tenderer, found to be 'Not of Standard Quality', the tenderer should be able to complete the whole Item work again.
- j) Guarantee Certificate: -The Bidder will have to submit the GUARANTEE CERTIFICATE as per Annexure-4
- k) **Warrantee /Guarantee should be for a period of minimum 3 year.**

Payment Terms

- a) Payment will be released in three installments, 50% after issue of work order, 40% payment with successful completion and verification of work remaining 10% will be made after 3 months of completion of work. In case the work is not found to be as per the specifications, final payment will be withheld and released only after satisfactory completion of work.

Settlement of Disputes

- b) In the event of any dispute arising out of the tender or orders such dispute would be subject to the jurisdiction of Courts of Satna Madhya Pradesh nearest to the place of Tender Inviting Authority.

Publishing of N.I.T.

For the Tenders processed using the e-Procurement System, the Detailed Notice and terms and conditions of tender shall be published only on the e-Procurement System. The bidders can view the Detailed Notice, Terms & Conditions of tender document and the time schedule for all the Tenders processed using the e-Procurement System on the website www.dri.org.in/

Key Dates and time

The Bidders are strictly advised to follow the time schedule (Key Dates and time) of the tender for their side of tasks and responsibilities to participate in the tender, as all the stages of each tender are locked before the start time and date and after the end time and date for the relevant stage of the tender as set by the concerned Department Official.

Downloading of the Tender Documents

The tender documents can be downloaded online from the website www.dri.org.in/ Preparation of Bids and Submission of Online Bids by the Bidders

The Bidders have to submit the same by email: - www.dri.org.in/

Submission of Security money Deposit (SMD)

Awardee Tenderer shall have to deposit Security money within 7 days from the date of award of contract work Order for construction of Items with.

Opening of Tender

The concerned Department Official receiving the tender or his duly authorized person shall open the online.

For any further queries, bidders may kindly contact

For more details, please contact on working days within working hours (9:30 to 17:30), Mob.8770534764 E-tendering Help desk at **Deendayal Resource Institute Chitrakoot, Satna (MP)**

E-mail: - www.dri.org.in/

FORM-A

(To be signed and returned along with the tender)

Ref No:.....

Date:.....

To

**The Deputy General Manager
Deendayal Research Institute, Chitrakoot, Satna, (MP)**

Sub: Submission of tender for Supply of equipment and machinery
TENDERNO: **DRI/Trifed/MFP/Vandhan/TEN. /2024-25/01**

Dear Sir,

I/We

Name of Authorized Signatory	
Name of Bidder	
Address of Bidder	
Phone	
e-Mail	

Have read the Tender rules for the completion of **Supply of equipment and machinery** as per Tender notice to the **Deendayal Research Institute, Chitrakoot, Satna, (MP)**. I/We accept all rules for Tender. I qualify the eligibility criteria of tender documents.

Authorized Signatory	
Name & Signature with Seal	
Date	

MANUFACTURE SUPPLIER AUTHORIZATION FORM

Annexure-2

Ref No:.....

Date:.....

To

**The Deputy General Manager
Deendayal Research Institute, Chitrakoot Satna, (MP)**

Dear Sir,

We who are established and reputable registered contractor of (*name and description of work*) having office at (*address of office*) do here by authorize M/s. (*Name and address of Agent*) to submit a bid and sign the contract with you for the work against the Tender Published by you.

Yours faithfully

(Name)

Dr. Anil Jaiswal
Deputy General Manager
DRI, Chitrakoot, Satna

Note: This letter of authority should be on the letter head of the Contractor and should be signed by a competent person. This AUTHORIZATION FORM should be notarized. It should be attached in the bid.

PRICE SCHEDULE

(To be fill in prescribed Excel format only & same to be upload for Price Bid, should be submit Separate Sheet for each Tender)

Tender SPN NO	TENDERNO: DRI/Trifed/MFP/Vandhan/TEN. /2024-25/01
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S.No	Item Code	Name & Specification of Item	Make	Price for each unit (in Rs.)						
				Unit Price Including GST (if any)	Service Tax (if any)	Inland transportation, insurance, Installation and other local costs incidental to delivery	Total price inclusive of a+ b+c (Rs. in figure)	Sales Tax/VAT/CST/ GST (if any)	Total Unit price inclusive of all(Rs. in figures)	Total unit price inclusive of all(Rs. In words)
				(a)	(b)	(c)	(a+b+c)=d	(e)	(d+e)	(f)

Authorized Signatory	
Name & Signature with Seal	
Date	

GUARANTEE CERTIFICATE

(On the original letter head of the manufacturer)

Ref No:.....

Date:.....

To,

The Deputy General Manager**Deendayal Research Institute, Chitrakoot, Satna, (MP)****Sub: Submission of tender for Supply of equipment and machinery****TENDERNO: DRI/Trifed/MFP/Vandhan/TEN. /2024-25/01****Ref: Your S.O. NO..... Dated place..... Authorized Constructor**

M/s.....

Dear Sir,

With reference to the above, this is to certify that the following kinds of work will be done by our firm

SN	Item Name & Description	QTY
1		
2		

We further certify that the work items as above has been checked by us and have been found to be inconformity with specification as per the terms & conditions of the work order.

They are hereby guaranteed for a period of 03 YEARS from the date of completion of work at DRI KVK; against any bad workmanship.

In case of any defect, we guarantee to redo immediately with out at any cost.

Seal & Signature of Dealer	Seal & Signature of Manufacturer
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CHECK LIST ENVELOPE – A

SN	Documents	Submitted Y/N	Page No
1.	Duly filled Checklist as per format given in Annexure– 6.		
2.	Covering Letter duly signed & stamped on letter head.		
3.	Form–A duly signed & stamped on letter head		
4.	Self-attested copy firm registration Certificate		
5.	Self-attested copy of registration in Commercial/sales tax department and its TIN number.		
6.	Contractor Certificate in case of registered Annexure– 2.		
7.	Self-attested copy of relevant License for registered contractor each schedule of work quoted as per specification in the tender.		

Authorized Signatory	
Name & Signature with Seal	
Date	

TENDER NO: DRI/Trifed/MFP/Vandhan/TEN. /2024-25/01

Technical Specification for Supply of equipment and machinery

SN	Name of equipment/s	specification
01	Chemical & Physical Balance	This is an instrument that is used to determine the weight or mass of an object. It is available in a wide range of sizes with multiple weighing capacities and is an essential tool in laboratories, commercial kitchens and pharmacies. Capacity is up to 220 gm with minimum weighing value 0.01 gm. Stainless Steel Platform measures 128 mm X 128 mm with LCD display
02	Chironji Seed Decorticator	Centrifugal type chironji seed decorticator (rubber disc sheller) with single rubber disc, • dust separator • heavy duty blower 2 hp single phase, 220-240 v, 50 hz electric motor. • Suitable for immediate operation. • Grader size:- 3feet x 4feet • Capacity: 100 kgs/hour
03	LPG Operated Cooking Kettle Tilting type	This kettle is used for preheating & cooking of pulp with different ingredients. The kettle is mounted on a SS stand with tilting arrangement through worm gear/pinion. Jacket and pan is made of stainless steel. The kettle is 2/3rd jacketed for uniform distribution of the heat. The tilting of kettle facilitates easy pouring of the preparation. One LPG burner is fixed in the bottom of the kettle. Capacity is 110 ltr
04	LPG Operated Cooking Kettle Fixed Type with Scrapper Arrangement	This kettle is used for cooking of pulp or juices or making sugar syrup / brine solution. The kettle is mounted on a SS stand with tilting arrangement through worm gear/pinion. Jacket and pan is made of stainless steel. The kettle is 2/3rd jacketed for uniform distribution of the heat. The Kettle is available with scrapper attachment. The teflon scrapper scrapes the inner surface of kettle and is driven by attached geared motor or gearbox-motor attachment. The scrapper attachment ensures that there is no blackening or charring of product while cooking or heating. One LPG burner is fixed in the bottom of the kettle. Capacity is 110 ltr
05	Amla Punching Machine	All contact part is made of SS 304. This machine punches the amla of desired thickness (4 MM) without breaking the seed. All contact parts are made of SS, mounted on M.S. frame, equipped with 1HP motor. Capacity of this machine is 200 kg/hr.
06	Boiled Awla Breaking Machine	304 grade stainless steel contact parts. • Only completely boiled cultured amlas in hot condition can be used and

		fed into machine. • Seeds and amla petals come out together and can be separated by hand easily. • These petals are used for making amla petha • Capacity 100 kg./hour capacity. • Motor capacity of 0.5 HP single phase.
07	Awla Shredding Machine	This machine is used to separate the seed without cracking. • Contact part is of SS 304. • 1 HP motor is used in this machine. • Capacity is of 150 kg/hr
08	SS Pulverizer	This pulverizer is used for grinding the dehydrated product. It can handle heavy loads and can grind any variety of grain/seeds. The embedded micro regulator enables fine controlling of the grinder. After grinder flour will all the nutrients, proteins, minerals and vitamins intact. The machine has a big inlet system that enables large input quantity. It is designed in a way to occupy less space and consume less power. The body is made of stainless steel for an aesthetic look and easy cleaning. 5 HP motor is attached with this pulverizer. Capacity is of 50kg/hr. Vibration free, with 5 different sized of siees pulverizer 0.5 mm,0.1 mm, 40 microns, 80 microns, 100 microns.
09	Semi Automatic Juice Machine	This machine is used to make juice from carrot, radish, apple etc. • 1 HP, 1 Ø motor is used in this machine. • Capacity is of 20-25 kg/hr.
10	Shifter	Shifter used for gradation of materials as per particle size, having very wide range applications. Three different size of sieves are with this machine This is accomplished by vibrating the screens in by means of a specially designed vibratory The unit consist of Specially designed vibratory of 1 HP motor
11	Horizontal Tank 100 ltr	This tank is used to collect pulp. Having a rectangular shape, these durable and weather resistant dump tanks have a slope end bottom, top loose cover type with drain valve. Capacity of the tank is 100 ltr.
12	Continuous Band Sealer MS Body	Voltage 20/50 Power (w) 650 Sealing Speed (m/min) 0-12 Sealing Width (mm) 0-8 Temperature Range (OC) 0-300
13	S.S. Mini Electric Distillation Unit	All contact part made of S.S.304, unit will consist of following items : • Distillation Vessel : It will equipped with heating element. • Condenser : Shell & tube type shell made of M.S. having S.S.304 tubes. • Receiver : Made of S.S. 304 sheet. • Power Requirement : 9 KW, 3 Phase Supply.
14	Manual Mahua Seed Decorticator	Mahua seeds are fed manually into open hopper. Due to the vibration of the machine, the seeds gravitate down the slanted sheet to the opening into the decorticating chamber. he rotating drum is powered by manually. This compression force helps the frangible seed coat to crack.

		Capacity is 10 kg/hr
15	Mahua Seed Decorticator	The machine is put on and made to run, before loading with the seed so as to ensure that all the component of the machine are properly. Mahua seeds are fed manually into open hopper. Due to the vibration of the machine, the seeds gravitate down the slanted sheet to the opening into the decorticating chamber. • In the decorticating chamber, the rotating embossed perforated drum rotates, which compress the mahua seeds against an attached stationary embossed concave perforated plate. • The rotating drum is powered by 0.5 hp ac electric motor. This compression force helps the frangible seed coat to crack. • Due to continuous rotating action, the blades create impact and shearing force inside chamber, which caused the cracked the seed coat to break and detached from the kernel. • The efficiency of machine is reported 88% with 4-5% seed broken. • Capacity is 25 kg/hr
16	Mahua Seed Decorticator	The machine is put on and made to run, before loading with the seed so as to ensure that all the component of the machine are properly. Mahua seeds are fed manually into open hopper. Due to the vibration of the machine, the seeds gravitate down the slanted sheet to the opening into the decorticating chamber. • In the decorticating chamber, the rotating embossed perforated drum rotates, which compress the mahua seeds against an attached stationary embossed concave perforated plate. • The rotating drum is powered by 1 hp ac electric motor. This compression force helps the frangible seed coat to crack. • Due to continuous rotating action, the blades create impact and shearing force inside chamber, which caused the cracked the seed coat to break and detached from the kernel. • The efficiency of machine is reported 88% with 4-5% seed broken. • Capacity is 100 kg/hr
17	Mahua Flower Stem Remover	Mahua Stem Stem remover separates the cumin found inside the mahua without harming the flower
18	Mixer Grinder	Mixer Grinder which is very essential equipment for hotels, restaurant, and fast-food kitchens. It is very easy to operate & maintain. It is used to prepare chutneys, grinding, crushing, mashing, etc. Its stainless steel sharpens long-lasting blades & high-quality motor makes all chores very quickly & efficiently. Used for wet & dry grinding. Capacity of Jar is 5 ltr & power is of 1.5 HP.
19	Mini Oil Expeller Machine	Wattage : 800 Watt • Voltage : 220 V • Working Capacity : 5 kg/hr (Approx) • Material : SS 304 • Temp Control : 50 to 300 deg C
20	Semi-Automatic Dona Patal machine	This machine is used to make dona/patal from leaf. • Electrical operated machine • Power consumption 1 HP •

		Size will varies from 4" to 14". • Only one die will supply with this machine • Capacity 1500 pcs/day • Material of construction is MS
21	Millet Processing Unit	<p>Millet processing unit is distributed in two parts • DESTONER CUM GRADER CUM ASPIRATOR WITH 3 HP MOTOR. • CAPACITY 200 KG/HR • DOUBLE STAGE MILLET DEHULLER CUM ASPIRATOR WITH 3 HP MOTOR. • CAPACITY 200 KG/HR</p> <p>Destoner cum Grader cum Aspirator - S3500 500 kg/hr</p> <p>Millet Dehusker - 3350AMS 350 kg/hr</p> <p>Millet Dehuller - 3300CD 300 kg/hr</p> <p>Post Hull Millet Rice Separator - 300 kg/hr</p> <p>Packing Machine - Continuous Sealer</p> <p>Extra Sieves for Grader -500 kg/hr</p> <p>Extra Sieves for Grader - 1T 1 T/hr</p>
22	Solar tunnel drier	Solar tunnel drier utilizes solar thermal energy for drying applications. Its working principle is based on greenhouse gas effect. Studies illustrates that a solar tunnel drier of 0.5 to 1.5 tonnes of product capacity occupy a size of 18.0 m x 3.75 m x 2.0 m. The system possesses semi-cylindrical tunnel structure with hoops and laterals.