

**RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWA VIDYALAYA,
COLLEGE OF AGRICULTURE, GWALIOR – 474 002**

TENDER NOTICE

Sealed tender are hereby invited for supply of equipments/instruments from manufacturer/Authorized dealer. The last date for submission of tender is 1300 hours on 02 March, 2012.by registered /speed post. The tender will be opened on 02 March, 2012 at 1500 hours. Tender received after due time & date will not be entertained. The Dean, College of Agriculture, Gwalior, reserves the right to accept or reject any or all the tenders without assigning the reasons there of and to split of the tender as deemed fit. Interested firms may collect the tender form along with specification from the office of the Dean on or before 23 Feb.2012 at 1300 hours. The cost of tender form is Rs. 1000/-. Earnest Money Deposit will be 3% of the cost of equipments/ instruments The tenderers' may download the form and specification of the instruments from vv.web site r v s k v v .nic . in

Name of the items

Option I: (Sorghum, pearl millet and ragi)

- 1. Destoner-cum-grader-cum-aspirator 2. Dehuller/Pearler 3. Pulverizer**
- 4. Flour Shifter 5. Packing (Manual) machine: Any local manufactures**

Option II: Dehuller +Grain roaster (firewood) + flaking machine (Edge runner)

- 6. Dehuller/ Pearler 7. Grain roaster**

COLLEGE OF AGRICULTURE, GWALIOR – 474 002

Tender No.	
Date of Publication	
Last Date of Accepting Tender	
Date of Issue of Tender Form	
Seal of the Issuing Office	
Amount of fee deposited for issuing tender form	
Details of money receipt No. & Date	
Signature of the person issuing the tender	
DETAILS OF TENDER FORM	
Name of the firm quoting the rates	
Registered address of the firm	
Name of the proprietor with telephone No.	
Whether manufacturer/ authorized stockist	Manufacturer/ authorized stockiest

Name of the manufacturer and address (to whom you represent)	
Details of Earnest Money (FDR / D.D./ Banker's Cheque	Amount Rs. No. Dated
Period for which FDR / DD / Banker's Cheque is issued	
Name of the Bank Issuing FDR / DD / Banker's Cheque	

TENDER FORM FOR EQUIPMENTS

DETAILS OF EQUIPEMENT (if space is insufficient use another sheet)

S. No.	Particulars	Quantity	Rate	Amount (Rs.)

Authorized Signatory

RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWA VIDYALAYA, COLLEGE OF AGRICULTURE, GWALIOR – 474 002

TERMS AND CONDITIONS

Tender No.		
Date of Publication		,
Date of issuing the tender form		
Last date for submission of the tender		
Date and Time of opening of Tender		

1. Only the manufacturer and their authorized sales/ service agent need submit the tender. The firms submitting the tender will have to submit a certificate of manufacturing of the unit / authorization certificate of the manufacturer. The tenderer should have service center with trained personnel to undertake servicing at Gwalior and other places in western M.P.
2. No person or firm shall submit more than one tender for the same item.
3. Broad based specification of the system / equipment is given along with the tender form. The tenderer should take note of it and if there are additional specification, which needs attention, should be mentioned in the specification.
4. The tenderer must submit the tender form issued by the office in original, tender document, signed copy of the terms and conditions duly stamped along with requisite EMD in a sealed cover, in the Office of the Dean, College of Agriculture, Gwalior 474002 by registered or speed post / courier
5. Belated tenders due to postal or any other delay will not be considered.
6. The EMD (Earnest Money Deposit) valid for six months from the date of issue should be in the form of A/C Payee DD / Banker's Cheque/ Fixed Deposit Receipt of a nationalized / Schedule Bank in favour of "Dean, College of Agriculture, Gwalior" payable at Gwalior. In absence of EMD in the prescribed form, the tender will not be considered. The EMD will be forfeited in case the tenderer fail to execute the order in specified time.
7. The tender offer should have validity for the period of 180 days.
8. The rates quoted should be inclusive of Sales Tax, F.O.R., College of Agriculture, Gwalior 474002 inclusive of packing & forwarding, loading, unloading and handling charges, freight, insurance, full risk coverage etc. The RVSKVV is exempted from Excise duty.
9. In case of imported item the CIF value should be Mumbai or Delhi Airport. The tenderer must specify the custom clearance and transportation charges.
10. Break of the prices for the main item and its accessories should be given separately. The tenderer should also specify the probable period of delivery of the equipment.
11. The tenderer should install the equipment and provide free training to the Scientist / Teachers pertaining to the use of the equipment.

12. A list of the organizations where the similar type of equipment is supplied by the tenderer around in M.P. should be enclosed with the tender.
13. Each tender must be accompanied with the technical literature of the equipment failing which the tender will not be considered.
14. The tenderer should have give the warranty minimum for 2 years to provide service/ maintenance from Gwalior office at free of cost during warranty period.
15. If desired in the specification the tenderer should quote the comprehensive AMC charges for another 3 years.
16. The tender will be opened on 02.03.2012 at 15.00 hrs by the members of the College level purchase committee in the Office of Dean, College of Agriculture, Gwalior 474002. The tenderer can depute his authorized representative to be present at the time of opening of the tenders.
17. The Dean, College of Agriculture, Gwalior reserves the right to extend the due date and the date of opening of the tender.
18. If required the tenderer will have to arrange a demonstration of the equipment or system without any charges or obligations.
19. The EMD shall be released after 50 days from the date of opening of the tender.
20. The tenderer will arrange to supply the equipment as per the specifications within 30 days/ specified period of delivery from the date of issue of order failing which the order will be treated as cancelled.
21. The standard terms and conditions of payment acceptable are – payment in full will be made after the contract is effective in full and to the satisfaction of the authority. The payment will be released to the firm supplying the equipment only on successful installation.
22. In case of the equipment to be imported the import license, CDE certificate and other required papers as per the Govt. procedure will be made available to the supplier or importer.
23. If so desired the tenderer should have to enter into an agreement.
24. Any deviation, variation or non-compliance by the tenderer shall be considered as breach of contract and the undersigned reserves the right to forfeit the amount of the EMD in part or full and to take action as per legal arrangement.
25. The Dean, College of Agriculture, Gwalior, reserves the right to accept or reject any or all the tenders without assigning the reasons thereof and to split of the tender as deemed fit.
26. Should there arise any dispute, the Vice Chancellor, RVSKVV, Gwalior shall be the sole Arbitrator whose decision in the matter shall be final and binding.

The tenderer shall have to give an undertaking that the terms and conditions as mentioned above are acceptable to the tenderer by providing a signed and dully stamped copy of the terms and conditions

**Dean,
College of Agriculture,
Gwalior 474002**

SPECIFICATIONS OF THE EQUIPMENTS FOR KVK, ARON (GUNA) UNDER INSIMP

1. Destoner-cum-grader-cum-aspirator

- Capacity:250 kg/hr (Sorghum, finger millet green gram, cow pea, maize, millets)
- Provided with feed hopper, regulator for inflow of grains across the entire width of deck.
- Fitted with appropriate capacity electrical motor of internationally reputed (ISO) make to run on 415v. 50Hz, 3 phase AC supply.
- Vibratory system with aspiration and size grading system, to separate the finer impurities also.
- Continuous type.
- Vibratory deck with well balanced built in fan, for air volume adjustment for accurate final separation of grains by counter current.
- Should have facilities for independent alteration of inclination of deck (Lateral and longitudinal).
- Vacuum type dust collector with variable sludge gate.
- Collection bins for stones, dust, chaffs and the clean material.
- Multi-deck grader for different grains.
- One set of removable Screens (1 mm –10 mm) Suitable for different millets and sorghum.
- Magnetic separator at the clean material collection point.
- Dust trapper.

Note:-

The tenders should also mention that vendors may quote may include processing machinery, cost of transportation, installation and training, maintenance service for 1 year.

2. Dehuller/Pearler

- Heavy duty Continuous type
- Capacity: 50-100 kg/hr.
- Suitable three phase motor with starter of reputed make.
- Abrasive/friction type
- Dehulling of sorghum with hopper for feeding the sorghum.
- Emery cone – mini dal mill type or horizontal emery pearler.
- Sieve size: about 1 mm aspirator which will separate husk from grain.

Electrically operated. Motor should be provided company & Motor should be provided with metal mode and locking facility.

Provision to dehull the grains to a desired degree.

3. Pulverizer

- The capacity of the mill is approximately 50-100 kg/hour
- 14 Inch Emery mill type

- 3 Phase 3 Hp powered Motor.
- It has suction blower coupling arrangement for sucking out the fine powder to a cyclone and Rava comes out separately.
- Heavy duty Continuous type
- The motor powers the emery and the suction blower.
- Electrically operated. Motor should be reputed company & Motor should be provided with metal mode and locking facility.
- All food contact parts to be made of food grade SS 304/316 Sieve size: about 200 micron to 2 mm

(or)

- Heavy duty Continuous type.
- Capacity: 60-100 kg/hr
- Hammer mill type
- All food contact parts to be made of food grade SS 304/316
- Suitable for grists and flour making from cereals (wheat, sorghum, millet)
- Sieve size: about 200 micron to 2 mm.
- Provided with hopper and grist/floor collecting facilities. Electrically operated. Company & Motor should be provided with metal mode and locking facility.

4. Flour sifter

- Vibratory type
- Capacity: 50-70kg/hr
- All food contact parts to be made of food grade SS 304/316
- Suitable for grits and flour separation
- Sieve size: about 200 micron to 2 mm
- Provided with hopper and grits/floor collecting facilities for dust free operated. Motor should be reputed company & Motor should be provided with metal made and locking facility.

5. Packing (Manual) machine: Any local manufactures

Option II: Dehuller + Grain roaster (firewood) + flaking machine (Edge runner)

6. Dehuller/ Pearler

- Heavy duty Continuous type

- Capacity: 50-100 kg/hr
- 5 HP or single phase motor with starter
- Suitable for abrasive
- Defauling of sorghum
- Mini dal mill type.
- Sieve size about 1 mm Aspirator which will separate husk from grain
- Provided with hopper and aspirator to separate husk
- It should be attached with grain hopper for feeding the sorghum grain.
- Electrically operated. Motor should be of reputed company and motor should be provided with metal mold and looking facility
- Power driven mill has a 28 cm roller and 76 cm drum
- Both made of cost iron 50 – 100 kg of sorghum can be made into flakes/hr
- The mill is free standing
- The roller revolves while the sorghum is being preceed and can be adjusted according to the thickness of flakes required
- By pressing the roller against the rim of the drum, all flakes can be collected near the centre of the drum
- It should be fitted with reinforced frame, husk out let, hood cover and revolving top cover
- Motor 5 HP (Standard make)
- The unit should be fitted with appropriate capacity continuous rated TEFC squirrel cage induction motor and starter of reputed make of run on 415 v 50 Hz 3 phase AC supply.

GRAIN ROASTER

- Capacity 50 – 75 kh/hr (sorghum, millets etc)
- Bowl type of roast 50 kg food material per batch made up to 304 SS, rotating part consisting of a cylindrical drum rotating at suitable rpm for roasting of food grains
- Fitted with electronic variables speed geared motor
- Conical top, all contact parts made up of ss, inner drum thickness min. 2 mm and outer cover 1 mm (304 ss) provided with barflies inside for efficient mixing.
- Insulation Zirconium wool
- Manual and motorized arrangement of tilting to facilitate feeding and discharge of the material
- Motor cover made up to steel and coated with pleasant heat resistant coat

- Heating source two in one, LPG (cut of and switch on by gas accumulator) electricity.
- Temperature control ambient to 250 C, automatic temperature control using solenoid digital controller tp read the temperature of roasting food material
- Fitted with appropriate capacity TEFC induction motor of internationally reputed make to run 1.5 HP
- Movable dust /moisture/fumes trapper
- Fuel, firewood
- Container with shatty furnaces

DEAN
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Gwalior 4