

**DIRECTORATE OF FOOD PROCESSING
GOVERNMENT OF MEGHALAYA**

TENDER DOCUMENT

FOR

**SUPPLYING OF MACHINES AND EQUIPMENT FOR SETTING UP PINEAPPLE,
GINGER POWDER & ROASTED AND SPICED CASHEW NUT PROCESSING
UNITS UNDER RKVY SCHEME**

Cost of the Tender Rs. 200/-

Date of Tender Issue	: 23/10/2020 at 12:00 hrs
Last date of Tender submission	: 12/11/2020 at 10:30 hrs
Opening of Technical Bids	: 12/11/2020 at 11:00 hrs
Opening of Financial Bids	: 12/11/2020 at 14:00 hrs



Rastriya Krishi Vikas Yojana (RKVY) scheme was initiated in 2007 as an umbrella scheme for ensuring holistic development of agriculture and allied sectors. The broad objectives of the scheme is making farming a remunerative economic activity through strengthening the farmer's effort, risk mitigation and promoting agri-business entrepreneurship.

Directorate of Food Processing (DoFP) has been mandated to call for tenders for setting up of the following processing units under RKVY Scheme:

- i. Pineapple Processing units one each at Ri-Bhoi and West Garo Hills districts
- ii. Ginger Powder Processing Unit at Ri-Bhoi district and
- iii. Roasted and spiced cashewnut processing unit at West Garo Hills district.

For the above, DoFP invites sealed tender for supplying of machines and equipment's for setting up of the above units. The sealed bidding documents should be delivered in the **office of the Directorate of Food Processing, Room No. 406, Cleve Colony, Shillong, Meghalaya, 793003** on or before the stipulated date and time. The technical bid and the financial bid must be sealed in separate envelopes super-scribing "**Technical Bid**" and "**Financial Bid**" and both these two envelopes must be placed in a third envelope super-scribing "**Tender for Supplying of Machines and Equipment's for RKVY – Setting of _____(name of the unit)**". This third envelope should be **sealed (glued along with tapped). Stapled or open tender will be forfeited.**

It should be delivered to:

**The Officer on Special Duty,
Directorate of Food Processing
Cleve Colony, Shillong-793003
Room No: 406**

The technical bids will be opened on **12/11/2020 at 11:00 AM**, at address given above. The financial bids of successful bidders will be opened on **12/11/2020 at 2:00 PM** at address mentioned above. The term and conditions are as follows:

Any queries related to this tender may be addressed only through email to dofpmeghalaya@gmail.com.

Terms & Conditions:

1. The tender has to be submitted for each processing unit separately.
2. The tenderer/bidder may be a proprietary firm, Partnership firm, Limited Company, Corporate body legally constituted engaged in manufacturing /marketing of production machines /equipment's (copy of registration of firm to be attached).
3. Applicant should not have been blacklisted by the Depts./Ministries of the Govt. of India/State Govt. /PSUs (A self declaration has to be submitted).
4. Interested bidders who wish to participate in the tender shall pay Rs. 200/- (Rupees Two hundred only) as Tender Fee in cash or in the form of Demand Draft (valid for 90 days) drawn in favour of **Directorate of Food Processing** payable at Shillong from any Nationalized/ Scheduled bank.
5. Payment receipt or Demand draft for Tender Fees shall be placed in a sealed Envelope 1 super scribed as "Tender Fees" with name of Unit. For each Unit separate Tender fees has to be paid.
6. The tenderer /bidder should submit duly filled check list of technical bid (annexure 1) along with supporting documents and catalogues of machines for the Units quoted in the envelope of technical bid. The bidders desirous of participating in bid for more than one Unit may submit the same separately for each unit by mentioning on the envelope.
7. The technical and financial bids should be quoted separately in different sealed envelopes for each Unit. Both envelopes must be kept in an envelope which should be superscripted as "Tender for supply of
(Name of Unit)"
8. Sealed Bid may be submitted to the address given above.
9. The financial bids of those bidders will be considered who qualify under technical bid. The financial bids of successful bidders will be opened on 12/11/2020 at 2:00 PM, at address given above.

10. The prices quoted must be inclusive of all taxes, cost of software, training/machine demonstration, loading & unloading, transport insurance (wherever applicable) and transportation charges to deliver the equipment/machine at location mentioned with each Unit.
11. Submitted quotations should be valid for at least 90 days.
12. The vendor should supply machines within 30 days of placing the purchase order.
13. Vendor has to set up and demonstrate equipment before that the delivery would not be deemed to be complete.
- 14. In case the quotation is being submitted by authorized agent of the principal manufacturing company, the authorised sales agency ship certificate from the principal should be furnished along with the quotation. Quotations without this authorization certificate will be rejected.**
15. The quotation should include comprehensive onsite warranty for at least 2 years and one year free service.
16. Special discount/rebate wherever admissible keeping in view that all the items are being procured for agri-business entrepreneurship purpose of national importance may please be indicated.
17. Vendors should attach the relevant brochure/leaflet for the models/options quoted.
18. Vendors should attach users list with their contact details.
19. Necessary certificate should be enclosed by the vendor in case of proprietary nature of the quoted items.
20. Incomplete and conditional submitted tenders would be summarily rejected.
21. Late/delayed tenders received at the venue mentioned above due to any reason, whatsoever, will not be accepted under any circumstances.

22. The Bidder shall bear all costs associated with the preparation and submission of its Bid. DoFP shall, in no case, be responsible or liable for these costs, regardless of the conduct or the outcome of the Bidding process.
23. The tenderer should sign (not initials) at each page of the technical and financial bid documents and all its annexures. No page should be removed/ detached from the tender document.
24. In case two or more agencies are found to have quoted the same rates, the competent authority, DoFP shall decide about the agency to which the offer shall be granted based on the past credentials/ report on the past performance of the firm, and length of experience etc. The decision of the competent authority, DoFP shall be final and binding, and no communication in this regard will be entertained.
25. The payment for the cost of the machineries will be made after its delivery in good condition and certified by the Technical Expert.
26. The final payment will be made after successful commissioning, installing, testing of machines or equipment and training 2 persons to operate the machines.
27. A security @5% of the bill value submitted by the successful bidder will be withheld and kept as Performance Security with the undersigned for a period of 90 days from the date of final payment.
28. The Earnest Money has to be submitted by the successful bidder @ 2% of the tender value in the form of Call deposit or Bank guarantee to be released after successful completion of the contract.
29. Court Fee Stamp of ₹400/- (Rupees Four hundred only) needs to be affixed in each tender document as applicable
30. The Performance security shall be forfeited and credited to the DoFP in the event of breach of contractual obligation by the supplier, in terms of relevant contract.
31. DoFP reserve the rights to cancel the tender process, without giving any reasons.

32. There is no bar on the bidders to participate in supply of all the four Units mentioned in Annexure-2, however, the bid for each unit has to be submitted separately.

33. The conflicts or disputes that may arise in relation to the subject, content, interpretation, implementation and enforcement of this agreement will be resolved amicably and the decision of DoFP will be final and binding on both the parties.

Annexure 1
Format for technical bid of the tender
Tender submitted for supply of(name of Unit)

Sl. No.	Description of requirement	Enclosed	Enclosure No.
1.	Whether the firm is registered with proprietary firm, Partnership firm, Limited Company, Corporate body legally constituted engaged in manufacturing /marketing of production machines /equipment and Trading license of Meghalaya	Yes/No	
2.	Declaration by the bidder that he /she has not been blacklisted by the Deptts/Ministries of the Govt. of India/State Govt./PSUs	Yes/No	
3.	Copies of Balance Sheet and Income Tax Return for last 3years duly certified by CA	Yes/No	
4.	Copies of latest GST returns	Yes/No	
5.	Copy of Registration Certificate of the Firm	Yes/No	
6.	Copy of PAN/GST issued by Competent Authority	Yes/No	
7.	Partnership deed, if applicable	Yes/No	
8.	Details of other organizations where similar machines have been supplied (copy of work orders to be attached)	Yes/No	
9.	Payment receipt or Demand Draft as tender fee enclosed in separate envelope along with Technical Bid	Yes/No	
10.	Court fee stamp of ₹400/- (Rupees Four hundred only)	Yes/No	
11.	Technical specification of the machine	Yes /No	
12.	Financial Bid proforma/quotation completed and sealed in a separate envelope	Yes/No	

Declaration of the Tenderer:-

This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself/ourselves to abide by them.

Place:

Date:

(Signature of Tenderer with seal)

Name:

Seal :

Office Address:

1. Ginger Powder Processing unit (1 unit at Ri-Bhoi district)

Table indicating the specification requirements of the machineries for setting up a Ginger powder processing unit

SN	Machine	Specifications	Quantity
1.	Washing vat	Fabricated from 304 type SS sheet of 1.5 mm thick sheet Vat dimension: 5' L x 2.5' W x 2' H	1
2.	Ginger Peeler	Fabricated from stainless steel sheet supported on mild steel angle framed structure Motor: 2.0 HP, 440V, Three phase AC main Capacity: 100 Kg/h <i>Electronic</i>	1
3.	Ginger Slicer	Motor: 1 HP 220/230 volts single phase AC motor Capacity: 50 - 60 Kg/h <i>Electronic</i>	2
4.	Weighing Scale - Digital Display	Capacity: 100 Kg, readability 10 g Capacity: 1000 g, readability 0.1 g <i>Electronic</i>	1 1
5.	Hot Air Drier	MOC: Inner Chamber with aluminium sheet Centre chamber with G.I Sheet Outer cabinet with mild steel sheet Finish: Powder coated paints Insulation: 75 mm thick layer of glass wool Heater: BDH Nichrome wire make Heater load: 6 KW Temp control: Digital PID Controller with sensor Air circulation and exhaust: 2 nos 0.5 H.P motorized blowers Tray: Aluminium perforated sheet No. of trays: 24 Tray dimension: 16" x 32" x 1" size <i>Electronic</i>	2
6.	Impact Pulverizer	Type: Air Swept Impact Mill with Whizzer Classifier operation in closed circuit. Body: Solid cast iron, machined and aligned on strong cast iron base, with top covers bolted together for easy opening and cleaning or for inspection. Special pocket is provided to collect foreign objects like bolts, nuts, pieces of metal etc. that may be mixed with the material to be pulverized. Feeder: Automatic rotary feeder, gear driven from the main shaft, with feed control mechanism. Crushing Chamber: Lined with renewable solid cast iron breaker plates.	1

		<p>Rotor: Machined mild steel thick plates mounted on main shaft.</p> <p>Shaft: Solid alloy steel of ample dimension.</p> <p>Classifier: Mild steel whizzer classifier with adjustable spider to control fineness of ground powder upto 300 mesh depending on the type of material to be pulverized.</p> <p>Hammers: Forged alloy steel, hard faced with manganese steel electrodes and balanced.</p> <p>Blower: Paddle type with replaceable blades.</p> <p>Cyclone: Mild steel sheet fabricated.</p> <p>Dust Collector: Top and Bottom halves of Mild steel sheet, to be inner connected by cotton dust collecting bags.</p> <p>Motor: 10 HP 440 volts 3 phase AC</p> <p>Capacity: 50 Kg/h</p> <p><i>Electronic</i></p>	
7.	Rotary Air Lock	<p>Motor: 2 HP</p> <p><i>Electronic</i></p>	1
8.	Stainless steel storage tank, air tight	<p>Fabricated from 304 type stainless steel sheet, all joints argon welded and polished</p> <p>Capacity: Brimful 100 Kg capacity</p>	4
9.	Automatic Form Fill Seal machine, Mechanical Cup Filler, Vertical type	<p>Output: 20 to 25 PPM</p> <p>Filling capacity: 10 -100g adjustable</p> <p>Filling type: Cup filler</p> <p>Sealing type: Fin seal</p> <p>Packaging materials: Laminates/ Any heat sealable packing materials</p> <p><i>Electronic</i></p>	1
10.	Electronic batch coder	<p>Voltage: 220/50 V/Hz</p> <p>Power: 180 W</p> <p>Printing Speed: 300 (pcs / min)</p> <p><i>Electronic</i></p>	1

2. Pineapple Processing unit (1 unit at West Garo Hills district)

Table indicating the specification requirements of the machineries for setting up a Pineapple processing unit

SN	Machine	Specifications	Quantity
1.	Washing vat	Fabricated from 304 type SS sheet of 1.5 mm thick sheet Vat dimension: 5' L x 2.5' W x 2' H	1
2.	Semi-Automatic Side Cutter	A. Stainless steel Slat Conveyor, operated by 1.0 HP 440 volts 3 phase AC Motor of 'NEC' make in combination with speed reduction Gear Box. Conveyor : 6' L x 8" x 3' ft H. B. 1.5 HP NEC 440 volts 3 phase AC motor operated stainless steel blades are placed at two sides of the Conveyor, which cuts both end of Pineapple. <i>Electronic</i>	1
3.	Semi Auto Pineapple Peeling System	A. U shape Stainless steel channel Dimension of the Table: 2'ft L x 6" W x 3'ft H. B. 2 HP NEC make 440 volts 3 phase AC Motor in combination with Gear Box operated stainless steel pressing arrangement of Pineapple into round knife suitably placed.. Round Knife has cutting edge to cut the pineapple into four pieces and peel into four pieces. <i>Electronic</i>	2
4.	Fruit Mill / Crusher	Contact Parts: 304 type 18/8 quality stainless steel sheet. Supporting Structure: Mild steel angle and channel framed structure. Welding: Argon welded. Cutting Teeth setting: Stainless steel Motor: 2 HP 440 volts NEC make 3 phase AC. Supply is complete with Motor, Main Cord but without Starter and main Switch Capacity: 300 Kg/ h. <i>Electronic</i>	1
5.	Pulper	Fabricated from 304 type SS Drum size 24". Motor: 1-2 HP, 220 V, 1-3 kW Capacity: 200-300 Kg	1
6.	Hydraulic juice press	25 tones pressure with rack and cloth type machine Motor: 3 HP motor Automatic pressure controls. Extra cloth and wooden rack included	1
7.	Single Gas burner	Body: SS 304 material grade Burner: Iron material	3

		Height: 2-3 ft	
8.	Stainless Steel collection vessel.	Fabricated from 304 type stainless steel sheet Capacity: 100 L	8
9.	Hand Refractometer	Range 28-62% Range – 58-92% Range – 0 -30%	1 1 1
10.	Weighing Scale - Digital Display	Capacity: 100 Kg, readability 10 g Capacity: 1000 g, readability 0.1 g <i>Electronic</i>	1 1
11.	PP Cap sealing machine	Fabricated from 304 type SS 220 V Capacity: 5-6 bottles per minute	1
12.	Shrink pack sealing machine	Fabricated from SS, mild steel Driven type: Variable, adjustable 220 V, 5-15 kW	1

3. Pineapple Processing unit (1 unit at Ri-Bhoi district)

Table indicating the specification requirements of the machineries for setting up a Pineapple processing unit

SN	Machine	Specifications	Quantity
1.	Washing vat	Fabricated from 304 type SS sheet of 1.5 mm thick sheet Vat dimension: 5' L x 2.5' W x 2' H	1
2.	Semi-Automatic Side Cutter	C. Stainless steel Slat Conveyor, operated by 1.0 HP 440 volts 3 phase AC Motor of 'NEC' make in combination with speed reduction Gear Box. Conveyor : 6' L x 8" x 3' ft H. D. 1.5 HP NEC 440 volts 3 phase AC motor operated stainless steel blades are placed at two sides of the Conveyor, which cuts both end of Pineapple. <i>Electronic</i>	1
3.	Semi Auto Pineapple Peeling System	C. U shape Stainless steel channel Dimension of the Table: 2' ft L x 6" W x 3' ft H. D. 2 HP NEC make 440 volts 3 phase AC Motor in combination with Gear Box operated stainless steel pressing arrangement of Pineapple into round knife suitably placed.. Round Knife has cutting edge to cut the pineapple into four pieces and peel into four pieces. <i>Electronic</i>	2
4.	Fruit Mill / Crusher	Contact Parts: 304 type 18/8 quality stainless steel sheet. Supporting Structure: Mild steel angle and channel framed structure. Welding: Argon welded. Cutting Teeth setting: Stainless steel Motor: 2 HP 440 volts NEC make 3 phase AC. Supply is complete with Motor, Main Cord but without Starter and main Switch Capacity: 300 Kg/ h. <i>Electronic</i>	1
5.	Pulper	Fabricated from 304 type SS Drum size 24". Motor: 1-2 HP, 220 V, 1-3 kW Capacity: 200-300 Kg	1
6.	Hydraulic juice press	25 tones pressure with rack and cloth type machine Motor: 3 HP motor Automatic pressure controls. Extra cloth and wooden rack included	1
7.	Single Gas burner	Body: SS 304 material grade Burner: Iron material	3

		Height: 2-3 ft	
8.	Stainless Steel collection vessel.	Fabricated from 304 type stainless steel sheet Capacity: 100 L	8
9.	Hand Refractometer	Range 28-62% Range – 58-92% Range – 0 -30%	1 1 1
10.	Weighing Scale - Digital Display	Capacity: 100 Kg, readability 10 g Capacity: 1000 g, readability 0.1 g <i>Electronic</i>	1 1
11.	PP Cap sealing machine	Fabricated from 304 type SS 220 V Capacity: 5-6 bottles per minute	1
12.	Shrink pack sealing machine	Fabricated from SS, mild steel Driven type: Variable, adjustable 220 V, 5-15 kW	1

4. **Machineries Required for setting up of Roasted & Spiced Cashew (1 unit at West Garo Hills district)**

Table indicating the specifications of the machineries for setting up a Roasted & Spiced Cashewnut processing unit

SN	Machine	Specifications	Quantity
1.	Cashew shelling machine	Motor: 1.5-2 HP, Single phase, 240-440 V Capacity: 50 Kg/Hr <i>Electronic</i>	2
2.	Gas fired Roasting Machine	MOC: U shape container is made from 2.0 mm thick stainless steel sheet, reinforced with stainless steel angles. Side walls are made of 1.25 mm thick stainless steel sheet, reinforced with 8mm thick mild steel plate. Jacket is also made of stainless steel 1.5mm thick sheet. Product Movement: Stainless steel Square Bar combined with Flat Pati made Arms, Welded with stainless steel rod. Supporting Structure: Mild steel channel framed structure. Product outlet: By Tilting of the Container, hand operated by worm gear. Heating: By Gas Burner, from bottom. Motor: 2HP 440 Volts 3 phase AC. Container capacity: 100-150 Kg/batch. <i>Electronic</i>	1
3.	Drum Mixer	Motor: 2 H.P. Drum Size: 20” dia x 42” L <i>Electronic</i>	1
4.	Weighing Scale	Capacity: 100 Kg, readability 10 g Capacity: 1000 g, readability 0.1 g <i>Electronic</i>	1 1
5.	Form Fill Seal machine -Pneumo mechanical Cup Filler – for Roasted Cashew	Output: Approx. 30 BPM. Filling Type: Cup Filler. Sealing type: Fin Seal. Packaging Materials: Laminates/Any Heat Sealable Packing Materials. <i>Electronic</i>	1
6.	Compressor (Special type)	1-HP <i>Electronic</i>	1
7.	Stabilizer	Single phase, 10 KVA <i>Electronic</i>	1
8.	Batch Coder	Voltage: 220/50 V/Hz Power: 180 W Printing Speed: 300 (pcs / min) <i>Electronic</i>	1