



**OFFICE OF THE DEPUTY DIRECTOR OF HORTICULTURE
KANDHAMAL, PHULBANI**

Address:

INFRONT OF CIRCUIT HOUSE

AT/PO: PHULBANI

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TENDER CALL NOTICE No. 954/ Hort./ Dt 05.06.2018

The District of Kandhamal in Odisha State is famous for organic cultivation of spices (Turmeric & Ginger) along with pulses and forest produce. An organization (registered society) called "Kandhamal Apex Spices Association for Marketing (**KASAM**)" is involved for processing, value addition and marketing of spices and other products in the district. It has got its own processing plant at Bandhagad in Phiringia block of Kandhamal District in Odisha. The plants and machineries are obsolete having less output capacity. Hence the Directorate of Horticulture under Department of Agriculture and Farmers Empowerment, Govt. of Odisha has sanctioned funds under RKVY scheme for Modernization and Expansion of spice processing unit of **KASAM** during the financial year 2016-17. Under the project there is a provision for purchase and installation of modern machineries and equipments relating to processing of spices and other products.

Tender in sealed covers are invited from intending bidders for supply and installation of Plants & Machineries for the project "Modernization and Expansion of Spices Processing unit of Kandhamal Apex Spices Association for Marketing (**KASAM**)" in Kandhamal District of Odisha State. The Tender papers including technical bid format and financial bid format can be obtained from the office of the undersigned during working hours from 07/06/2018 to 28/06/2018 or downloaded from the website www.kandhamal.nic.in / www.odihort.nic.in. the cost of the tender paper i.e. Rs. 2000/- + 18% GST and EMD @ 1% of the quoted value should be furnished separately in shape of A/c payee Demand Drafts only drawn in favour of **Deputy Director of Horticulture, Kandhamal**, payable at any nationalized bank in **Phulbani**. The cost of the Tender Paper is non-refundable whereas the EMD will be refunded to the unsuccessful bidders.

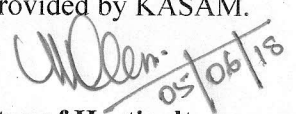
Bids should be submitted in two sealed covers i.e. cover-A (Technical Bid) and cover-B (Financial Bid). The cover-A (Technical Bid) should contain the filled in prescribed technical bid form with requisite documents and Bank Draft for (Rs. 2000/- + 18% GST) which should be sealed and superscribed as "**COVER-A (TECHNICAL BID)**". The cover-B (Financial Bid) should contain the filled in prescribed Financial Bid form along with the Bank Draft towards EMD amount (1% of the quoted value) which should be sealed and superscribed as "**COVER-B (FINANCIAL BID)**". Both these sealed covers (A & B) should be kept in another big cover which should be sealed and superscribed as "**TECHNICAL AND FINANCIAL BIDS FOR SUPPLY OF PLANTS AND MACHINERIES FOR KASAM PROJECT**".

The sealed Tenders should reach the office of the undersigned at the above address on or before **5.00 PM of 28/06/2018** through Registered Post / Courier / Speed Post only. Bids received after the due date or through hand delivery will be rejected. The bids will be opened at the **Conference Hall of the Directorate of Horticulture, Odisha, Bhubaneswar on 30/06/2018 at 11.00 AM**. The tender committee constituted for the purpose reserves the right to reject any or all the tenders without assigning any reason thereof.

Terms & Conditions:-

1. The selection of supplier will be made through competitive bidding process through tender as per the procedure led down by Finance Dept. Govt. of Odisha.
2. The bidders are required to be either manufacture of plants and machineries or its authorized Dealers / Agents. In case of Dealer / Agents, the copy of dealership certificate issued by the manufacturer should be enclosed with the tender paper (Technical Bid).
3. The bidder must have valid PAN card, Aadhaar Card, with up-to-date Income Tax clearance certificate. The bidder must have GST registration (Documents to be attached with Technical Bid).
4. The annual turnover of the bidder should not be less than Rs. 50,00,000.00 (Rupees Fifty Lakhs) only consecutively in last three years which should be duly certified by a Chartered Accountant (Document to be attached with Technical Bid).
5. The Technical & Financial Bid should be submitted by filling in the prescribed formats enclosed herewith.
6. Each page of all the documents submitted by the bidder should be self attested.
7. The price quoted for each machine should be inclusive of all taxes, packing, forwarding, Transportation cost, installation charges, commissioning, trial run & handholding training to the operators etc. along with required accessories.
8. The bidder should enclose the photographs, leaf-lets, Catalogue, operational manual along with specification of the plants & machineries proposed for supply in the technical bid.
9. The installation of plants & machineries will be executed by selected bidder on turnkey basis and L1 bidder will be selected Unit wise as indicated below.
10. Payment @ 50% of the approved value to be released to the selected supplier after satisfactory delivery of plant & machinery at site duly verified by the authorized technical committee as per the specification and balance 50% after successful trial run duly verified by the committee constituted for the purpose.
11. The installation of the machineries will be made at the newly constructed spice processing unit of Kandhamal Apex Spices Association for Marketing (KASAM) located at Bandhagada in Phiringia Block of Kandhamal District in the State of Odisha.
12. The cost of tender paper will be Rs. 2000/- + 18% GST and earnest money deposit (EMD) will be 1% of the quoted value. In case of claim of exemption from tender paper cost and EMD the bidder should furnished the appropriate documents.
13. The bids will be opened on the scheduled date, venue and time in presence of Tender Committee along with the bidders or their authorized representatives. The authorized representatives should produce the authorization letter from the original bidders. The bids will be opened in two phases. In the first phase the Technical Bids of all the bidders will be evaluated and only the qualified bidders will be eligible to participate in the evaluation of Financial Bids to be taken up in the second phase.
14. The bidders are advised to make a power point presentation containing the photograph / videos / specifications of the plants machineries proposed for supply.
15. The decision of the tender committee regarding selection of bidder in this regard will be final and binding for all purposes.
16. Any dispute arising out of this tender process will be subject to the Jurisdiction of Kandhamal District, Odisha.

Note: Necessary electrical installation work along with power supply will be provided by KASAM.


Deputy Director of Horticulture
Kandhamal, Phulbani

TECHNICAL BIDS FOR SUPPLY OF PLANTS & MACHINERIES FOR MODERNISATION AND EXPANSION OF KASAM UNDER RKVY 2016-17 IN KANDHAMAL DISTRICT OF ODISHA

Name of the Bidder:

Address:

E-mail ID:

Phone:

Submission of documents

PAN Card No.:

Aadhar Card No.:

GST No:

Sales Tax Clearance

(Attach Xerox copy)

| Sl. No | Name of Machinery | Approved Technical Specifications by the committee | Technical Specifications proposed by the bidder |
|--------|-------------------|----------------------------------------------------|-------------------------------------------------|
|--------|-------------------|----------------------------------------------------|-------------------------------------------------|

UNIT - A (TURMERIC UNIT)

| | | | |
|---|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | Turmeric polisher | Size: 48" Screen Diameter : 1200 mm Power Supply: 15 HP Power Characteristics: 1440 rpm, 440 volts, 3 phase 4 core, 50 Hz Charging HT: 1350 mm Discharging HT: 750 mm Capacity: 500 Kg per batch Dimension (L X W X H): 1350mm X 1350 mm X 1350 mm Case Dimension(LXWXH): 1550mm X1550mm X1550 mm Net Weight : 400 kg Gross Weight:550 kg Complete range of screen sizes 12-200 Mesh Dust Proof, with motors and all fittings | |
| 2 | Big Pulveriser for Turmeric | Production capacity: 250 Kg/hr, Fabricated Foundation with AVM Pad, Filter Cloth Bags and internal contact parts, cyclone, blower, pipe are in S.S, 60-80 mesh Made of stainless steel SS-304, Eccentric Sieve in stainless steel along with all accessories in complete set. | |
| 3 | Magnetic Separator for Turmeric | Capacity of machine: 500 kg / hr. Permanent type magnetic drums Separator. Drum Size: 300 mm Dia. X 300 mm Length, Capacity: 250 kg/hr M. O. C. : SS 304 Gauss Value: 4000 Size of feeder: 250 mm wide x 400mm length x 100 mm height No of Vib : 3000 Vib/min | |

| | | | |
|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 4 | Mini Pulveriser for Amla, Haritaki, Bivitaki, Cumin etc. | Production capacity: 75 Kg/hr, Fabricated Foundation with AVM Pad, Filter Cloth Bags and internal contact parts, cyclone, blower, pipe are in S.S, 40-60 mesh Made of stainless steel SS-304, Eccentric Sieve in stainless steel along with all accessories in complete set. | |
| 5. A | Packing machine for turmeric powder | Capacity of machine: 200 kg / hr. Automatic Form Fill & Seal Machine to pack POWDER in pouches- Belt Drive with Servo including conveyor. Range: 50gm-250gm Speed : 30-60pouches/min Accuracy : +/- 0.5% Type of sealing: Continuous sealing Film to be used: Laminated Operating Mechanisms: Electro-Pneumatic Dosing System: Servo Auger Filling System with Stirrer and AC Drive Pouch Type: Centre Seal Pillow Pouch Type of Vertical Seal: Fin Material Construction: All filling contact parts will be Stainless steel 304 grade, control panel and main structure is made of mild steel with powder coated and all moving parts will be aluminum Pouch Length Control: Photocell as well as timer based system Pouch Pulling: Belt Driven with VFD Film unwinding: A C Motor Driven Air Requirement : @ 6Kgs/Cm2, 17.6 cfm | |
| 5. B | Packing machine for turmeric powder | Capacity of machine: 250 kg / hr. Automatic Form Fill & Seal Machine to pack POWDER in pouches- Belt Drive with Servo including conveyor. Range: 500gm and 1Kg Speed : 20-40pouches/min Accuracy : +/- 0.5% Type of sealing: Continuous sealing Film to be used: Laminated Operating Mechanisms: Electro-Pneumatic Dosing System: Servo Auger Filling System with Stirrer and AC Drive Pouch Type: Centre Seal Pillow Pouch Type of Vertical Seal: Fin Material Construction: All filling contact parts will be Stainless steel 304 grade, control panel and main structure is made of mild steel with powder coated and all moving parts will be aluminum Pouch Length Control: Photocell as well as timer based system Pouch Pulling: Belt Driven with VFD Film unwinding: A C Motor Driven Air Requirement : @ 6Kgs/Cm2, 17.6 cfm | |

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| UNIT - B (GINGER & MUSTARD UNIT) | | | |
|----------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | Medium Pulveriser for Ginger | Production capacity: 150 Kg/hr, Fabricated Foundation with AVM Pad, Filter Cloth Bags and internal contact parts, cyclone, blower, pipe are in S.S, 40-80 mesh Made of stainless steel SS-304, Eccentric Sieve in stainless steel along with all accessories in complete set. | |
| 2 | Washing machine for Ginger & Mustard | Capacity of machine: 250 kg / hr. Power required for Main Drive along with all accessories in complete set Made of SS-304. | |
| 3 | Mega Slicer for Ginger | Capacity of machine: 250 kg / hr. Power required for Main Drive: 3 mm Made of SS-304 Slice thickness adjustment Robust construction for continuous operation along with all accessories in complete set. | |
| 4 | Blower for Ginger Slices | Capacity of machine: 500 kg / hr. Complete in all respect fabricated from carbon steel sheet, angle, channel, flat. Fitted with static and dynamically balanced rotor Made of SS-304 | |
| 5 | Grader with Destoner and Dspriator | Production capacity: 200kgs/hr, Five stage cleaning facility Product to be handled: Mustard With aspirator and destoner, vibrating deck, drive motor cum fan motor, dynamically balanced blower, Deck cleaning facility Provision for deck inclination and stroke, feed rate and air flow rate. | |
| 6 | Packing machine for mustard | Capacity of machine: 150 kg / hr. Automatic form, Fill & Seal machine to pack Granules in pouches (Belt Drive System). Range : 100g/250g/500g/1000g Accuracy: Below +/- 1% Speed: 55/45/35/25 p/m Drive: Pneumatically Operated Working Pressure: 6 kg / cm ² Filling System: Rotary Cup-Volumetric Filling Pouch Pulling: Belt Driven with A C Drive Sealing System: Continuous Sealing with Knife Product Contact Parts: SS 304 Main Structure: MS with Powder Coating Type of Forming System: Neck Tie Collar Machine Weight: 1400 kg (Approx) Machine Dimensions: 1250W x 1400D x 2800H(in mm) Power Consumption: 3 KW Stabilizer: 15 KVA, 3 PH | |

U. B. S.

| UNIT - C (Dal Processing Unit) | | | |
|--------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Dal Processing Unit (Green Gram/Black Gram/Arhar/Horse Gram) | | | |
| 1 | Air screen cleaner-cum-grader | Capacity of machine: 200 kg / hr. No of decks- 3 Product to be handled: green gram, Black gram Made of carbon steel With feed control, blower, Counter balanced oscillatory drive motor and Deck cleaning facility | |
| 2 | Destoner | Capacity of machine: 200 kg / hr. Stone removal efficiency: 99% Product to be handled: green gram, Black gram With drive motor cum fan motor, dynamically balanced blower. Provision for deck inclination and stroke, feed rate and air flow rate | |
| 3 | Dal Mill | Capacity of machine: 200 kg / hr. Roller mill with grading and aspiration system. | |
| 4 | Roaster | 50 Kg capacity | |
| UNIT - D (TAMARIND UNIT) | | | |
| 1 | Tamarind Paste Processing Unit | Capacity of machine: 150 kg / Batch. Complete set with a. Steam jacketed kettle, Made of SS-304 stainless steel, 400-500 Ltr. Capacity. b. Tamarind Pulper. Capacity 150kg/h, made of stainless steel with matching boiler c. Vacuum Pan Evaporator with agitator and scraper Blade with Vacuum Pump with Temperature: Ambient to 100C Made of SS-304 stainless steel d. With Matching bio-mass fired Boiler with all pipelines and fitting. | |
| UNIT - E (MISC. UNIT) | | | |
| 1 | Sewing machine | Manual Feeding System - PLC Touch Screen for Order Feeding and Pin Adjustment - Single Piece Box Stitching Machine - High Speed Low on Maintenance - Standard Accessories | |
| 2 | Weighing Machine Electronic | Model: EPS- 50Kg, 450X450mm, SS – 265A , Capacity: 5gm / 50 Kg, Pl. Size: 450x450 mm (SS) , Features: With Tare, Net, Gross, Auto Calibration Facilities and Battery Back-Up Provision with Bright Red LED Display | |
| 3 | Weighing Machine Electronic | Digital display Automatic calibration with respect to temperature Top pan type | |
| 4 | Storage Bin | Material Handling (stainless steel) Capacity 200kg | |
| 5 | Trolley | Capacity 200kg (stainless steel) | |

Chheda

| UNIT - F (GENERATOR) | | | |
|----------------------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1 | Diesel Generator (415 KVA) | Capacity 415 KVA Enclosure - CPCB 2 approved acoustic enclosure Alternator- Stamford alternator rated at 380 KVA at 415 volts Control panel- Standard Manual panel with batteries | |

I hereby declare that the above information's are true to best of my knowledge and I will be held responsible for any discrepancy.

Place:

Date:

Seal & Signature of Authorized Signatory



**FINANCIAL BIDS FOR SUPPLY OF PLANTS & MACHINERIES FOR MODERNISATION AND EXPANSION
OF KASAM UNDER RKVY 2016-17 IN KANDHAMAL DISTRICT OF ODISHA**

Name of the Bidder:

Address:

E-mail ID:

Phone :

| Sl. No | Name of Machinery | Capacity of Machinery (Kg Per Hour) | No. Of Machine Required | Unit Cost (Rs.) | Total Cost (Rs.) | |
|--------|----------------------------------------------------------|-------------------------------------|-------------------------|-----------------|------------------|----------|
| | | | | | In Figure | In Words |
| | UNIT - A (TURMERIC UNIT) | | | | | |
| 1 | Turmeric polisher | 500 | 2 | | | |
| 2 | Big Pulveriser for Turmeric | 250 | 2 | | | |
| 3 | Magnetic Separator for Turmeric | 500 | 2 | | | |
| 4 | Mini Pulveriser for Amla, Haritaki, Bivitaki, Cumin etc. | 75 | 2 | | | |
| 5.A | Packing machine for turmeric powder | 200 | 1 | | | |
| 5. B | Packing machine for turmeric powder | 250 | 1 | | | |
| | UNIT - B (GINGER & MUSTARD UNIT) | | | | | |
| 1 | Medium Pulveriser for Ginger | 150 | 2 | | | |
| 2 | Washing machine for Ginger & Mustard | 250 | 2 | | | |
| 3 | Mega Slicer for Ginger | 250 | 2 | | | |
| 4 | Blower for Ginger Slices | 500 | 1 | | | |
| 5 | De stoner for Mustard | 200 | 1 | | | |
| 6 | Packing machine for mustard | 150 | 2 | | | |

[Signature]

| | | | | | | |
|---|-------------------------------------------------|--------------|--------------------|--|--|--|
| | UNIT - C (Dal Processing Unit) | | | | | |
| | (Green Gram/Black Gram/Arhar/Horse Gram) | | | | | |
| 1 | Air screen cleaner-cum-grader | 200 | 1 | | | |
| 2 | Destoner & Dspriator | 200 | 1 | | | |
| 3 | Dal Mill | 200 | 1 | | | |
| 4 | Roaster | 50 | 1 | | | |
| | UNIT - D (TAMARIND UNIT) | | | | | |
| 1 | Tamarind Paste Processing Unit | 150kg/Batch | 1 | | | |
| | UNIT - E (MISC. UNIT) | | | | | |
| 3 | Sewing machine | | 2 | | | |
| 4 | Weighing Machine Electronic | 50gm to 5kg | 1 | | | |
| 5 | Weighing Machine Electronic | 5kg to 150kg | 1 | | | |
| 6 | Storage Bin | 200 | 5 | | | |
| 7 | Trolley | 200 | 5 | | | |
| | UNIT - F (GENERATOR) | | | | | |
| 8 | Diesel Generator | 415KVA | 1 | | | |
| | | | GRAND TOTAL | | | |

Place:

Date:

Seal & Signature of Authorized Signatory

