



Bidhan Chandra Krishi Viswavidyalaya

"Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in West Bengal" (Project Code -12113)

Directorate of Research

Kalyani, Nadia- 741235 (W.B)

From: **Dr. Suhrita Chakrabarty (Das)**
Professor

Telephone : +91-9831237309
Email: suhritakvk@gmail.com

Tender Notice

Ref. No. RKVY/ MG/ 2021-LTD3 (retender)

Dated : 29.11.2021

Rates are invited from the eligible vendors having good credential GST/IT clearance in sealed cover for supply of the following items for the project -"Post Harvest Processing of Marigold and other Flowers for Income Generation of the Farming community in West Bengal" funded by RKVY, RAFTAAR, at Directorate of Research, Bidhan Chandra Krishi viswavidyalaya, Kalyani-741235, Nadia, W.B. The quotations should reach to the office of the undersigned at Directorate of Research, Bidhan Chandra Krishi Viswavidyalaya, Kalyani-741235, Nadia, W.B., within 15 days from the date of publication of the notification

Sl. No.	Name of the Item/ Equipment	Qty.	Details Specification (also see Annexure 1)
1.	Cabinet Drier with rotary oven	1	Cabinet Drier with rotary oven, containing minimum 36 trays (in two columns each containing 18 trays) of 16"X32"X1.25" each made up of SS (304) net, Temperature range: 20 to 70 °C, able to dry wet marigold (with 100% moisture) up to 10% within 8-10 hours, without interruption
2.	Pellet making machine (motorised)	1	Motorised Pellet Machine, Capacity: 60-90 Kg/hr, with 3HP motor and cooling facility yielding firm pellets with marigold dust or wet florets .

Terms & Conditions:

- The bonafied and eligible bidders are requested to quote their price.
- The bidders should have GST, P/Tax, MSME certificate (if any), I.T Return (last year) and PAN etc.
- EMD of @ 1% of the total amount quoted amount is to be submitted through Demand Draft (Photocopy) in favour of Bidhan Chandra Krishi Viswavidyalaya, along with the quotation. Without EMD quotations will not be considered for financial comparison.
- EMD exemption certificate must be submitted with the quotation document, if any.

The quoted price should be inclusive of all taxes, if any.

Quotations must specify the terms and conditions for supply including warranty where applicable and the rates should be quoted per unit basis inclusive of all taxes which should be mentioned clearly. The University reserves the right to reject or accept any quotation without assigning any reason what so ever.

Convenor website Committee

In view of the decision of the LTC held on 29.11.21 the tender notice may kindly be uploaded.

6/12/21

Thank you
Suhrita Chakrabarty
Prof Suhrita Chakrabarty

*DL
Pr. upload
3/12/21*

*✓
V. S. Chakrabarty
3/12/21*

Annexure –I

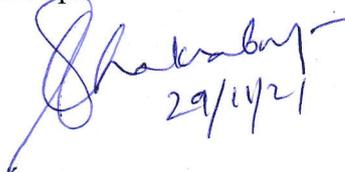
(Detail specification for the tender Notice number RKVY/ MG/ 2021-LTD3 dated 29.11.2021)

A) Detailed specification of the Cabinet Drier with rotary oven:

Product Details	For Drying fermented marigold flowers
Present Production Quantities	For drying with electric and diesel
Working Hours/Day	24 hours per day
Process Requirements(Drying/curing/Heating etc)	The product should be dried within 48-50 hours at a temperature within 50-80 degree C
Any other Pl. specify Any other Pl. specify	36 trays (in two columns each containing 18 treys) of 16"X32"X1.25" each made up of SS (304) net
Initial Moisture – Water OR Solvent (%)	40 -50 %
Maximum Temp. allowed	60-80degree C
Final Moisture required after processing	8-10%
Is the material acidic?	yes
Is your material Hazards?	No
Present Drying Process	Cabinet drying with rotary oven
Process Type	
Type of Dryer to be used	Cabinet drying with rotary oven
Batch Qty.	Maximum 250 kg per batch
Actual drying time/Batch	24 hours to 30 hours
Floor Space	5'X6' (Flexible)
Present Energy Consumption of Dryer	with electric and diesel

Specifications of pellet making machine:

- Product Type : Pellet Making Machine
- Motor Type : Single Phase Motor
- Power : **3HP to 4HP Heavy Duty Motor**
- Power : 2.98kW Rated Power : 220-240 V
- Output Capacity : 60-90 kg per hr
- Speed : 1440 RPM
- Die and Roller Size: 125mm
- Pellet Size: 3-4 mm
- Dimension (Maximum) 122*53*107 cm (smaller is preferred)
- The Pellet Making Machine will be utilized for converting marigold petal powder into pellets of 3- 4 mm diameter. The powder of Marigold will be mixed with other excipients and the wet mass will be fed into the pellet making machine where within approximately 5-7 minutes the mixture will be converted into pellets.


29/11/21