

## Annexure –I

(Corrigendum for the tender Notice number RKVY/ MG/ 2021-LTD3 dated 5.10.2021)

Last date of tender submission is extended to 5<sup>th</sup> November, 2021 within 5 pm

### 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
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.

Prof Suhrita Chakrabarty

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