

INVITATION FOR EXPRESSION OF INTEREST

Spices Board, Ministry of Commerce & Industry, Government of India has established crop specific Spices Park in the major production and marketing centres in the country. Currently, the Board invites Expression of Interest for operating and processing facilities in the Spices Park and for associating with the Board for establishing suitable processing facilities. The Expression of Interests is invited for the following Spices Park projects of the Board:-

(1)Spices Park at Chindwara, Madhya Pradesh

The Board had established a Spices Park in Chhindwara district of Madhya Pradesh. The Park is mainly meant for processing and value addition of Garlic and Chilli. A full line plant and machinery for dehydration of garlic and other vegetables and extraction of chilli has been established. In addition to processing facilities established by the Board, M/s STCL, Government of India has also established processing facility for crushing and powdering of Chilli and a Steam Sterilization Unit within the premises of the Spices Park. The purpose of EoI is for operating the processing facilities established by the Board and STCL on “**As is Where is Condition**”. Those who are interested may visit the facility at Spices Park, Chindwara before submitting the EoI. The contact points are given below:-

**Spices Park, Kabra Colony,
Nagpur Road, Behind Shandhinath School,
Umrana P.O, Chhindwara,
Madhya Pradesh, Pin- 480001,
Ph: 07162-295070, 07162-295071**

The terms and conditions for leasing the facilities will be finalized through a pre-bid discussion among with the companies who submitted

the EoI. The details of the facilities available in the Spices Park are given below:-

Facilities in the Dehydration Plant

1. DECOTICATOR

The material is fed to the elevator which lifts the material to the hopper. The garlic bulbs are broken into cloves with the machine and a blower which removes the skin. It consist of 10 H.P. motor and has a capacity of 24000 Kgs/day

2 GRADING MACHINE : This consist of a round cross-section made up of MS plate which revolves to separate the cloves in different sizes. This consist of 5 H.P. motor and has capacity of 24000 kgs/day

3 FLAKING MACHINE : This is a S.S. roll machine consist of 2 rolls rotating in the opposite direction to punch the garlic cloves to the required thickness. This consist of 3 H.P. motor and has capacity of 15000 kgs/day

4. CONTINUOUS BELT DRYER : It is continuous 5 belt dryer with different temperature zones ranging from 40-60 Degree centigrade where the material is dehydrated by hot air method having capacity of 3 MT/day finished product.

5. SKIN REMOVING MACHINE : This consists of brushes where the material is fed to the hopper and the brushes and the brushes rotate. The skin of the Garlic is removed & is blown off with the help of blower.

6. GRAVITY SEPERATOR: This machine will separate the small & broken pieces of Dehydrated Garlic and the unwanted particles are removed.

7. BIN DRYER :This is used for equalizing the moisture & help to maintain the uniform moisture in the product. This consist of 2 H.P. motor and has capacity of 800 kgs/day

8. BELT DRYER :This is a continuous 5 belt dryer with different temperature zones ranging from 40-60 degree centigrade where the material is dehydrated by hot air method.

9. SORTING : Sorting is done manually to remove the impurities.

10. MAGNETIC SEPERATOR: The material passes through magnetic separator for removing any iron pieces etc.

11. PACKING: facility for bulk packing Packed in double poly bags put in export worthy corrugated carton.

Facilities of Extraction Plant

No	Description
a.	Extraction Kettle
b.	SS Filter
c.	Condenser system
d.	Storage tanks
e	Desolventizer
f	Evaporator
g	SS pipe lines, SS ball valves, SS Stubends, MS Loose Flange, MS & SS Nut & bolts, flow glass, toughened glass and other fittings
h	Liquid Extractor
i	Solvent Separator
j	Solvent Pumps
k	Isotrope
l	MS Platform
m	Waste unloading systems
n	Fruit mill
o	HDPE crates
p	Flame proof vessel lamps
q	Vacuum system
r	Air vent system

Chilly Processing & Steam Sterilisation Unit

M/s. STCL, a subsidiary of STC, Government of India had established a Chilly processing facility and a Sterilization unit. The facility is established in an area of 10 acres of land adjacent to the Spices Park. The details of the processing facilities are as follows

No	Description
1	Chilly Processing unit
a.	Pre- Cleaning facility: Rotating Perforated drum, waste collection tray, 3HP suction blower, Nylon brushes, cyclone tank, 1000 Litre Feed Hopper, pipe stand, feed pipe and connector to hammer mill etc.
b.	Grinding facility : Hammer Mill with liner, beaters with carbide tip, blower, cyclone dust collector, sieves, rotary air lock valve, MS Basement, Contact parts in SS and remaining in MS. For pre grinding, 25HP motor to drive Hammer mill and 5 HP motor to drive Blower. For fine grinding, 50 HP motor to drive Hammer mill and 7.5 HP motor to drive Blower is used.
c.	Dust Collection System & Dust Free Environment
d.	Packing facility : VFFS Collar Type Packing Machine Pneumatically operated type, collar type pouch forming, vertical and horizontal sealing, batching and date code arrangement, servomotor, heating coil - 1500 W
e	Steam Sterilization Unit
f	Type: Batch Process
g	Capacity 500 Kg per Hr or 5 ton per shift
h	Grinding & Packing facility for the sterilized products in both consumer and bulk pack

(2) Spices Park at Kotta, Rajasthan

The Board is establishing a Spices Park project exclusively for processing and value addition of Coriander in Kotta district of Rajasthan, which is a major production / marketing centre for Coriander. In Spices Park, Kotta, the requirement is to associate with the Board for establishing suitable processing facilities within the park for value addition of Coriander. The Board will provide the common infrastructure facilities

like land and buildings on lease / rent basis. The selected partner has to establish suitable processing machinery in the building allotted by the Board at their own cost. The selected partner will be eligible for the grant-in-aid scheme of the Board, which will be 1/3 of the total machinery cost, subject to a maximum of Rs.1.00 crore. After establishing the processing facility in the building provided by the Board will be handed over to the selected partner for its operation for a period on rent basis which will be finalized through a pre-bid discussion. BoT concept can also be considered

***Spices Park, Guna
Spices Board
Opp.Surya Bhavan,
Cant Road, Guna
Madhya Pradesh
Ph: 09539913068, 09111444354***

(3) Spices Park at Rai Bareli, Uttar Pradesh

The Board is establishing a Spices Park project in Rai Bareli which is exclusively for the processing and value addition of mint, which is abundantly available in Uttar Pradesh. The establishment of the common infrastructures like road, buildings, warehouses, drainage, electricity, water supply etc. is in its final stage. The requirement is to associate with the Board for establishing a suitable processing facility like production of De Mentholised Oil (DMO), dehydration of mint leaves. The Board will provide land and building suitable for establishing processing facilities for producing DMO and for establishing machinery for dehydration of mint leaves. The Board will also provide temperature control; storage system (puf godown) and also will establish Quality Evaluation Laboratories exclusively for testing of mint oil within the park. The selected partner can make use of the common facility services from the Quality Evaluation lab and the cold storage on a user fee basis,

which will be decided during the pre-bid discussion. The Board will also consider financial support maximum of 1/3 of the cost of the plant and machinery for establishing the processing facilities for production of DMO and dehydration of mint leaves, provided the selected partner should be an exporter of mint deemed export will also be considered for considering financial assistance for this purpose. Those who are interested for the above requirements may kindly visit the respective Spices Park before submitting the Expression of Interest. The contact point-

**Spices Board
Regional office
1066, Opp Adarsh Naveen Hostel
Near APEX Academy, Manika Cinema Road
Gandhi Nagar, Rae Bareli
Uttar Pradesh
Ph:0535-2000627**

OR

**Spices Board
Regional office
1/4 Avas Vikas Colony
Near Telephone Exchange
Barabanki
Uttar Pradesh-225001
Ph:0524-8226979, 09495490555**

- (1) Shri A.C. Girish Kumar, Assistant Director, Chindwara Spices Park
- (2) Dr. D. Ajay, Scientist – C, Spices Park, Guna
- (3) Shri. John Jo Varghese, Scientist – C, Spices Board, Barabanki.

If any clarification required for this purpose may be contacted to:

Shri K. Jagannathan, Deputy Director (Mkg), Spices Board, Cochin – 25
jagannathan.k@nic.in, Mob: 09447183570