

SPICES BOARD
(MINISTRY OF COMMERCE & INDUSTRY, GOVT. OF INDIA)
N.H. BY PASS, PALARIVATTOM.P.O, KOCHI-682025

Spices Board intends to grow all the 52 spices under its purview in a high tech greenhouse as a showcase of spice plants in its Cochin (Kochi) head office for export promotion and educational purposes.

Spices Board invites Expression of Interest (EOI) from Greenhouse manufacturers/companies/suppliers for:

1) Construction of roof top containment green house for spices in its Cochin (Kochi) Head Office premises. (Sizes 750 sq feet and 1100 sq feet, having temperature, humidity, fertigation and photoperiod control systems, separate chambers for growing spices with different temperature and humidity requirements. The structure should be resistant to high wind velocities, rainfall and water seepage)

2) Maintenance of the constructed roof top containment green house for a period of five years. (This will include maintenance of spice plants inside the green house, maintenance of machinery established in the greenhouse and also overall maintenance/repair arising due to environmental factors etc. The said entity may also have to train staff members in the maintenance and operation of the green house)

The EOI shall include:

- Company/service provider profiles with details of expertise and experience in the construction and maintenance of greenhouses and green house plants, human and capital resources at their disposal. (VAT registration and PAN details should also be provided).
- List of facilities erected in India with contact details of those clients.
- A detailed write up on the proposal covering feasibility of maintaining all the 52 spices in the proposed greenhouse.
- Technical details of the proposed Green House.

Note: Two locations are earmarked for the construction. i.e. **a)** 750 sq feet approx. (12m x 6 m) and **b)** 1100 sq feet approx. (22m x 5 m). Proposals may be submitted for each location separately. However, among the two only one will be selected.

Parties willing to express their interest may also undertake site visits, at their own costs to ascertain the feasibility of the project prior to its submission. Short-listed parties may be asked to give a presentation of their proposal.

EOI Submission:

EOI shall be submitted, clearly super-scribing the envelope “**EOI for construction and maintenance of green house for spices**” on or before 28th February 2012 (1730hrs-IST).

Contact details:

Dr Ranjan K.Bhagobaty
Scientist-B
Quality Evaluation Laboratory
Spices Board (Ministry of Commerce & Industry)
Sugandha Bhavan, Palarivattom P.O, N H By-Pass
Cochin-682 025, Kerala, Telefax: 0484-2331213
Email: ranjan.bhagobaty@spicesboard.in

DISCLAIMER: Spices Board reserves exclusive right to reject or accept any/all applications/proposals without assigning any reason whatsoever. Any legal dispute will be dealt within the jurisdiction of Cochin City.

(Enclosures: Annex I and II)

Annexure I: Spices under purview of Spices Board

SPICES OF INDIA

(SPICES UNDER THE PURVIEW OF THE SPICES BOARD)

English Common Name	Family Name	Botanical Name	Partused as spice
1. Cardamom (Small)	<i>Elettaria cardamomum</i> Maton	Zingiberaceae	Fruit,Seed
Cardamom (Large)	<i>Amomum subulatum</i> Roxb.	Zingiberaceae	Fruit,Seed
2. Pepper	<i>Piper nigrum</i> L.	Piperaceae	Fruit
3. Chilli,			
Bird's Eye	<i>Capsicum frutescens</i> L.	Solanaceae	Fruit
Capsicum	<i>Capsicum annuum</i> L.	Solanaceae	Fruit
Chilli	<i>Capsicum annuum</i> L.	Solanaceae	Fruit
Paprika	<i>Capsicum annuum</i> L.	Solanaceae	Fruit
4. Ginger	<i>Zingiber officinale</i> Rosc.	Zingiberaceae	Rhizome
5. Turmeric	<i>Curcuma longa</i> L.	Zingiberaceae	Rhizome
6. Coriander	<i>Coriandrum sativum</i> L.	Apiaceae	Leaf & Fruit
7. Cumin	<i>Cuminum cyminum</i> L.	Apiaceae	Fruit
8. Fennel	<i>Foeniculum vulgare</i> Mill.	Apiaceae	Fruit
9. Fenugreek	<i>Trigonella foenum-graecum</i> L.	Fabaceae	Seed
10. Celery	<i>Apium graveolens</i> L.	Apiaceae	LeafFruit,&Stem
11. Aniseed	<i>Pimpinella anisum</i> L.	Apiaceae	Fruit
12. Ajowan	<i>Trachyspermum ammi</i> L.	Apiaceae	Fruit
13. Caraway	<i>Carum carvi</i> L.	Apiaceae	Fruit
14. Dill	<i>Anethum graveolens</i> L.	Apiaceae	Fruit
15. Cinnamon	<i>Cinnamomum zeylanicum</i> Breyn	Lauraceae	Bark
16. Cassia	<i>Cinnamomum cassia</i> .Blume	Lauraceae	Bark
17. Garlic	<i>Allium sativum</i> L.	Alliaceae	Bulb
18. Curry leaf	<i>Murraya koenigii</i> (L) Sprengel	Rutaceae	Leaf
19. Kokam	<i>Garcinia indica</i> Choisy	Clusiaceae	Rind
20. Mint	<i>Mentha piperita</i> L.	Lamiaceae	Leaf
21. Mustard	<i>Brassica juncea</i> L.Czern	Brassicaceae	Seed

22. Parsley	<i>Petroselinum crispum</i> Mill.	Apiaceae	Leaf
23. Pomegranate	<i>Punica granatum</i> L.	Punicaceae	Seed
24. Saffron	<i>Crocus sativus</i> L.	Iridaceae	Stigma
25. Vanilla	<i>Vanilla planifolia</i> Andr.	Orchidaceae	Pod
26. Tejpat	<i>Cinnamomum tamala</i> (Buch Ham) Nees & Eberum	Lauraceae	Bark&Leaf
27. Pepper Long	<i>Piper longum</i> L.	Piperaceae	Fruit
28. Star Anise	<i>Illicium verum</i> Hook.	Illiciaceae	Fruit
29. Sweet flag	<i>Acorus calamus</i> L.	Araceae	Rhizome
30. Greater Galanga	<i>Alpinia galanga</i> Willd.	Zingiberaceae	Rhizome
31. Horse Radish	<i>Armoracia rusticana</i> Gaertn.	Brassicaceae	Root
32. Caper	<i>Capparis spinosa</i> L.	Capparidaceae	Flower buds
33. Clove	<i>Syzygium aromaticum</i> (L) Merr.& Perry	Myrtaceae	Unopened Flower bud
34. Asafoetida	<i>Ferula asafoetida</i> L	Apiaceae	Oleogum resin from rhizome and thickened root
35. Camboge	<i>Garcinia cambogia</i> (Gaertn).Desr	Clusiaceae	Rind
36. Hyssop	<i>Hyssopus officinalis</i> L.	Lamiaceae	Leaf
37. Juniper berry	<i>Juniperus communis</i> L.	Cupressaceae	Berry
38. Bay Leaf	<i>Laurus nobilis</i> L.	Lauraceae	Leaf
39. Lovage	<i>Levisticum officinale</i> Koth.	Apiaceae	Leaf&Stem
40. Marjoram	<i>Marjorana hortensis</i> Moench.	Lamiaceae	Leaf
41. Nutmeg	<i>Myristica fragrans</i> Houtt.	Myristicaceae	Seed
42. Mace	<i>Myristica fragrans</i> Houtt.	Myristicaceae	Aril
43. Basil	<i>Ocimum basilicum</i> L.	Lamiaceae	Leaf
44. Poppy seed	<i>Papaver somniferum</i> L.	Papaveraceae	Seed
45. Allspice	<i>Pimenta dioica</i> (L) Merr.	Myrtaceae	Fruit & Leaf
46. Rosemary	<i>Rosmarinus officinalis</i> L.	Lamiaceae	Leaf
47. Sage	<i>Salvia officinalis</i> L.	Lamiaceae	Leaf
48. Savory	<i>Satureja hortensis</i> L.	Lamiaceae	Leaf

49. Thyme	<i>Thymus vulgaris</i> L.	Lamiaceae	Leaf
50. Oregano	<i>Origanum vulgare</i> L.	Lamiaceae	Leaf
51. Tarragon	<i>Artemisia dracunculus</i> L.	Asteraceae	Leaf
52. Tamarind	<i>Tamarindus indica</i> L.	Caesalpiniaceae	Fruit

Annexure II: The area for construction of the roof –top greenhouse (Canteen Building)



Front view of the construction site



Aerial view of the construction site (Approx area 750 sq feet (Dimensions 12 m x 6 m)



Front view of the construction site on top of canteen building

b The green house **can also be** constructed in this part. (Approx area 1100 sq feet (Dimensions 22 m x 5 m)

PLAN
AREA=154.25M²

