

Invitation of proposal from Bihar for development of Quality Planting Material (QPM) of medicinal plants under RCFC-Eastern Region, NMPB, Jadavpur University, Kolkata

National Medicinal Plants Board (NMPB), Ministry of AYUSH, Government of India has established its **Regional-cum-Facilitation Centre (RCFC)** for Eastern Region (Bihar, Jharkhand, Odisha, Sikkim & West Bengal) at Jadavpur University, Kolkata as an extended arm for the promotion of cultivation of medicinal plants. Proposals are invited from Government/ Registered Non-Governmental/ NGO/Trust/Farmers cluster/SHGs/Private Organizations for **raising Quality Planting Material (QPM) of medicinal plants.**

QPM development should be done in a modern day high-tech nursery through scientific procedure from the collection of quality seed, drying, processing and storage of same, seed stratification, germination and maintenance after its germination.

Organizations are invited from **West Bengal** to apply for development of QPM of medicinal plant species including **12000 tree species (minimum 2 ft. height)**, important to the eastern region/West Bengal from the listed **140 prioritized species (Annexure – II)** covering RET & endemic as per the proforma given as **Annexure-I** within a total outlay of **Rs. 2.5 lakhs.**

There will be a screening of applications based on relevance of the project, previous work experience of QPM development and capability of the organization. **Two/three organizations** will be selected from **Bihar** depending on resource availability.

Submit the proposal as per the format through email to rcfcnmpb@jadavpuruniversity.in/coordinatorrcfc@jadavpuruniversity.in on or before **15th November, 2024.**

The work order will be issued to the selected organizations as per the suggestion of the QPM screening committee once decided. The payment will be made **as per the PFMS system** once the QPM is developed within the 4 months of the work order issued, QPM procured and distributed among the farmers/cultivators of Bihar along with the plantation of the developed tree species. Any further enquiry may be raised through email only.

For further information, contact:

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Website: <http://www.rcfceast.org/>

NB: The RCFC-ER, NMPB, Jadavpur University reserves the right to appoint or discard the process at any point of time without revealing any reason thereof.

**PROFORMA FOR PROJECT PROPOSAL RELATING TO
DEVELOPMENT OF QUALITY PLANTING MATERIALS (QPM) IN NURSERIES**

1.	Title of the project	
2.	Name of the organization with full address, mobile, fax and e-mail ID.	
3.	Status (Government, Institution/ department, NGO, Trust, companies etc.)	
4.	Registration number, date and authority (for NGO, Trusts and Companies). NGOs and companies should also send the Articles of Association, Memorandum of Association and Annual report	
5.	Pan No.	
6.	GST No.	
7.	Unique ID of VO/NGO after Registering on NGO Darpan Portal	
8.	Name of the Principal Investigator/Project Leader and Co-PIs and their full address	
9.	<p>Detailed Project proposal (Here, a brief description on the medicinal plant and tree species identified by the Applicant/s for QPM production in their nursery may be provided. This description can include the importance of the species in the regional markets and drug industry, its current availability and need of large sale cultivation may be highlighted. Then, details such as number of seedlings of each species proposed to raise in the nursery, time required for it and how the seedlings will be used (for planting in their own land or selling or both) Budget for the production of QPM of each species separately may given in the following format</p>	

Estimate for the production of QPM of medicinal plant species

No.	Local Name	Scientific Name	Quantity/Numbers	Rate (Rs.) / seedlings	Total Amount
i.					
ii.					
iii.					
iv.					
v.					
	Grand total				
10.	Detailed infrastructure available (i) Land details (Location, Extent, Ownership etc.) (ii) Agri-accessories (iii) Manpower (iv) Experience				
11.	Summary of similar work particularly in medicinal plants sector undertaken by the organization /PI in the last 3 years				
12.	Other sources of financial assistance received by the applicant/organization if any so, furnish details				
13.	Details of financial assistance already received from the Board, if any may be given in the following proforma:				
	Year				
	Amount of grant Purpose in brief				
	Amount of grant utilized				
	Has utilization certificate been accepted by the Board				
	Remarks				
	Amount of grant Purpose in brief				
14.	<p>Certificate</p> <p>Certified that:</p> <p>i) The organization shall abide by all the 'Terms and Conditions' of the grant stipulated in the operational guidelines of the scheme of NMPB, Ministry of AYUSH, Government of India and Regional cum Facilitation Centre (Eastern Region), NMPB, Jadavpur University, Kolkata.</p>				

- ii) All records and reports related to the project have been maintained separately and shall be shown and furnished as and when required by the Regional cum Facilitation Centre (Eastern Region), NMPB, Ministry of AYUSH, Government of India Jadavpur University, Kolkata or its authorized representatives.
- iii) Project shall be open for evaluation of physical progress and utilization of funds at the discretion of Regional cum Facilitation Centre (Eastern Region), NMPB, Ministry of AYUSH, Government of India Jadavpur University, Kolkata or its authorized representatives.
- iv) The undersigned shall be responsible for the authenticity of the information and documents furnished in the application and proposal.
- v) Regional cum Facilitation Centre (Eastern Region), NMPB, Ministry of AYUSH, Government of India Jadavpur University, Kolkata or its authorized representatives shall have the right to recover the grant or take legal action against the organization for any default or deviation from the terms and conditions of sanction of grant.
- vi) No financial assistance/grant has been sought and or obtained from any Central or State Govt. organization.
- vii) It is certified that all applicable laws/rules and legal provisions are followed while preparing the project proposal for this purpose.
- viii) It is also certified that the project proposal is formulated as per the relevant provisions/ clauses of the guidelines of the Central Sector Scheme for Conservation, Development and Sustainable Management of Medicinal Plants.

Date:

**Signature of Authorized Authority
and Head of the Institution**

Note:

- i) Proof of registration certificate/land ownership/leasehold and market mechanism (wherever applicable) to be submitted.
- ii) Previous work experience/completion certificate
- iii) Costing pattern to be provided in the form of schedule of rates as applicable.
- iv) Supporting documents including map (where applicable) must be attached.
- v) An undertaking by the head of the organization stating that neither the organization nor any of the Governing Body/ Managing committee Member/ Trustee is blacklisted by the National Trust / Government of India or State Government. Also no member of the Governing Body was the member/spouse of any of the organization in the past which was blacklisted by the National Trust / Government of India or State Government.

LIST OF (140 SPP) PRIORITIZED PLANTS FOR CULTIVATION AS PER NATIONAL AYUSH MISSION (NAM)		
S. No.	Scientific Name	Common Name
1	<i>Abrus precatorius</i>	Chirmati, Chinnoti,
2	<i>Acorus calamus</i> Linn.	Vach
3	<i>Adhatoda zeylanica</i>	Adusa
4	<i>Aloe vera</i> (Linn.) Burn.	Ghritikumari
5	<i>Alpinia calcarata</i>	Smaller Galangal
6	<i>Alpinia galanga</i>	Greater Galanga
7	<i>Andrographis paniculata</i>	Kalmegh
8	<i>Artemisia annua</i> (Linn.)	Artemisia
9	<i>Asparagus racemosus</i>	Shatavari
10	<i>Azadirachta indica</i> A. Juss	Neem
11	<i>Bacopa monnieri</i>	Brahmi
12	<i>Bergenia ciliata</i> Stern.	Pashnabheda
13	<i>Boerhaavia diffusa</i> Linn.	Punarnava
14	<i>Cassia angustifolia</i> Vahl.	Senna
15	<i>Caesalpinia sappan</i> Linn.	Patang
16	<i>Catharanthus roseus</i>	Sadabahar
17	<i>Celastrus paniculatus</i>	Malkangani,
18	<i>Centella asiatica</i> (Linn.)	Mandookparni
19	<i>Chlorophytum borivillianum</i>	Shwet Musali
20	<i>Cinnamomum verum</i> , <i>C. tamala</i> and <i>C. camphora</i>	Dalchini, Tejpat, Kapoor
21	<i>Citrullus colocynthis</i>	Indrayan,
22	<i>Clerodendrum phlomoidis</i>	Arni
23	<i>Clitoria ternatea</i> L.(Blue	Aparajita
24	<i>Coleus barbatus</i>	Pather Chur
25	<i>Coleus vettiveroides</i>	Hrivera
26	<i>Convolvulus microphyllus</i>	Shankhpushpi
27	<i>Cryptolepis buchanani</i>	Krsna sariva
28	<i>Curcuma augustifolia</i>	Tikhur
29	<i>Dacalophis hmiltonii</i>	Nannari
30	<i>Digitalis purpurea</i>	Foxglove
31	<i>Dioscorea bulbifera</i>	Rotalu, Gethi
32	<i>Eclipta alba</i> Hassk.	Bhangru,
33	<i>Embelia ribes</i> Burm. f.	Vai Vidang
34	<i>Emblica officinalis</i>	Amla
35	<i>Ephedra gerardiana</i>	Somlata
36	<i>Garcinia indica</i> Choisy	Kokum
37	<i>Ginkgo biloba</i>	Ginkgo
38	<i>Gymnema sylvestre</i>	Gudmar
39	<i>Hedychium spicatum</i>	Kapur kachari
40	<i>Hemidesmus indicus</i>	Anantmool,
41	<i>Holarrhena antidysenterica</i>	Kurchi
42	<i>Hyoscyamus niger</i> L.	Khurasani ajwan
43	<i>Ipomoea mauritiana</i>	Giant potato

44	<i>Ipomoea petaloidea</i>	Vrddhadaruka
45	<i>Ipomoea turpethum R. Br.</i>	Trivrit
46	<i>Kaempferia galanga</i>	Indian crocus
47	<i>Litsea glutinosa</i>	Listea
48	<i>Lepidum sativum Linn.</i>	Chandrasur
49	<i>Mucuna prurita Linn.</i>	Konch
50	<i>Ocimum sanctum Linn.</i>	Tulsi
51	<i>Oryza sativa cv Njavara</i>	Scented rice
52	<i>Phyllanthus amarus</i>	Bhumi amlaki
53	<i>Piper longum Linn.</i>	Pippali
54	<i>Plantago ovata</i>	Isabgol
55	<i>Pluchea lanceolata</i>	Rasna
56	<i>Plumbago rosea</i>	Leadwort
57	<i>Pseudarthria viscida</i>	Moovila
58	<i>Psoralea corylifolia L.</i>	Bakuchi
59	<i>Rubia cordifolia Linn</i>	Manjishtha
60	<i>Sida cordifolia</i>	Flannel weed
61	<i>Solanum anguivi</i>	Katheli-badhi
62	<i>Solanum nigrum Linn.</i>	Makoy
63	<i>Stevia rebaudiana</i>	Madhukari
64	<i>Tephrosia purpurea Pers</i>	Pawad,
65	<i>Terminalia arjuna</i>	Arjuna
66	<i>Terminalia bellirica</i>	Behera
67	<i>Terminalia chebula Retz.</i>	Harad
68	<i>Tinospora cordifolia Miers</i>	Giloe
69	<i>Tragia involucrate</i>	Barhanta
70	<i>Trichosanthes cucumerina</i>	Patol panchang
71	<i>Valeriana hardwickii</i>	Tagar-ganth, Nihani
72	<i>Vitex nigundo</i>	Nirgundi
73	<i>Vetiveria zizanioides</i>	Khas- khas grass
74	<i>Withania somnifera</i>	Ashwagandha
75	<i>Woodfordia fruticosa</i>	Dhataki
76	<i>Abies webbiana Lindl</i>	Talispatra
77	<i>Acacia catechu</i>	Katha
78	<i>Aegle marmelos</i>	Beal
79	<i>Albizia lebbek Benth.</i>	Shirish
80	<i>Alstonia scholaris R.Br.</i>	Satvin, Saptaparna
81	<i>Altingia excelsa</i>	Silarasa
82	<i>Anacyclus pyrethrum</i>	Akarkara
83	<i>Atropa belledona</i>	Atropa
84	<i>Coscinum fenastratum</i>	Peela Chandan
85	<i>Crataeva nurvala</i>	Varun
86	<i>Curculigo orchioides</i>	Kali Musali,
87	<i>Dactylorhiza hatagirea</i>	Salampanja
88	<i>Desmodium gangeticum</i>	Sarivan
89	<i>Gloriosa superba Linn.</i>	Kalihari
90	<i>Glycyrrhiza glabra Linn.</i>	Mulethi
91	<i>Gmelina arborea Linn.</i>	Gambhari
92	<i>Hippophae rhamnoides</i>	Seabuckthorn

93	<i>Inula racemosa</i> Hk. f.	Pushkarmool
94	<i>Juniperus cumminis</i> Linn	Hapushal,
95	<i>Jurinea macrocephala</i>	Dhoop, Jari-dhoop
96	<i>Leptadenia reticulate</i>	Jivanti
97	<i>Mesua ferrea</i> Linn.	Nagakeshar
98	<i>Onosma hispidum</i>	Ratanjot
99	<i>Panax pseudo-ginseng</i>	Ginseng
100	<i>Parmelia perlata</i> Ach.	Saileya
101	<i>Piper cubeba</i> Linn. f.	Kababchini
102	<i>Plumbago zeylanica</i>	Chitrak
103	<i>Pueraria tuberosa</i> DC.	Vidarikand
104	<i>Premna integrifolia</i> Linn.	Agnimanth
105	<i>Pterocarpus marsupium</i>	Beejasar
106	<i>Rauwolfia serpentina</i>	Sarpgandha
107	<i>Rheum emodi</i>	Archa
108	<i>Salacia reticulata,</i>	Saptachakra
109	<i>Saraca asoca</i> (Roxb.)	Ashok
110	<i>Smilax china</i> Linn.	Hrddhatri
111	<i>Stereospermum suaveolens</i>	Patala
112	<i>Symplocos racemosa</i>	Lodh/Pathani
113	<i>Tacomella undulata</i>	Rohitak
114	<i>Tricopus zeylanicus</i>	Jeevani
115	<i>Tylophora asthmatica</i>	Damabooti
116	<i>Taxus wallichiana</i> Linn.	Thuner, Talispatra
117	<i>Urarea picta</i>	Prishnaparni
118	<i>Valeriana wallichii</i>	Indian Valerian
119	<i>Vateria indica</i>	Mandadhupa, Dupa
120	<i>Viola odorata</i>	Bunafsha
121	<i>Zanthoxylum alatum</i>	Timoor
122	<i>Aconitum ferox</i> Wall.	Vatsnabh
123	<i>Aconitum chasmanthum</i>	Vatsnabh(API)
124	<i>Aconitum heterophyllum</i>	Atees
125	<i>Aquilaria agallocha</i>	Agar
126	<i>Berberis aristata</i> DC.	Daruhaldi
127	<i>Commiphora wightii</i>	Guggal
128	<i>Coptis teeta</i> Wall.	Mamira
129	<i>Ferula foetida</i> Regel.	Hing
130	<i>Gentiana kurroo</i> Royle	Trayamana
131	<i>Mappia foetida</i> Miers.	Ghanera
132	<i>Nardostachys jatamansi</i>	Jatamansi
133	<i>Oroxylum indicum</i> Vent.	Syonaka
134	<i>Picrorhiza kurroa</i> Benth.	Kutki
135	<i>Podophyllum hexandrum</i>	Bankakri,
136	<i>Polygonatum cirrhifolium</i>	Mahameda
137	<i>Pterocarpus santalinus</i>	Raktachandan,
138	<i>Santalum album</i> Linn.	Chandan
139	<i>Saussurea costus</i>	Kuth, Kustha
140	<i>Swertia chirata</i>	Chirata