

**GOVERNMENT OF MANIPUR  
DEPARTMENT OF HORTICULTURE & SOIL CONSERVATION  
MANIPUR**

**Notice Inviting Application for Empanelment of Companies/ Firms/Nurseries  
Imphal, the 26<sup>th</sup> December, 2024**


No. DH&SC-1/862/DOF/2024-25: The Department of Horticulture & Soil Conservation, Manipur invites application for empanelment from registered Companies/Firms/Nurseries for supply of different **Planting Materials & Seeds of selected flowers and related Farm Inputs** for the State Plan Scheme "Development of Floriculture"

Interested Companies/Firms/Nurseries should apply for empanelment in prescribed format which can be downloaded from [www.horticulture.mn.gov.in](http://www.horticulture.mn.gov.in)

Last date of submission of forms/documents is on or **before 16<sup>th</sup> January, 2025 (till 5:00 PM)** at the **Directorate of Horticulture & Soil Conservation, Sanjenthong, Manipur.**

Specifications of each item and other terms & conditions will be available on the website [www.horticulture.mn.gov.in](http://www.horticulture.mn.gov.in)

dc


  
Director 26/12/24

Horticulture & Soil Conservation,  
Manipur

Copy to:

1. The Commissioner (Hort.&SC), Manipur for kind information.
2. To the Editor (i) The Sangai Express(English Edition) (ii) Poknapham (Manipuri Edition) as insertion for 1 (one) day.
3. Notice Board, Directorate of Hort. & Soil Cons.. Sanjenthong, Imphal, Manipur
4.  Guard file.

R.R. No. 724 - Dt. 27/12/24  
Hort. & Soil Cons. Manipur

Signature 

To  
Director  
Department of Horticulture & Soil Conservation  
Sanjenthong Manipur

**Subject: Empanelment of Companies/Firms/Nursery for supply of .....reg.**

**Reference:**

Sir,

With reference to the subject and empanelment notice cited above. I on behalf of.....  
.....am submitting the items/inputs listed below for empanelment under Department of Horticulture & Soil Conservation , Manipur.

SL. NO.	ITEMS/INPUTS

This is for your kind consideration, please

Thanking you.

Yours faithfully,

Date:

Signature:

Place:

Name:

Official Seal:

(To be submitted on official letter head)

**UNDERTAKING AND DECLARATION**

I ..... *(Name of the Company/Firm/Nursery)* ..... on behalf of ..... *(Name of the Firm/ Manufacturer/ Dealer/Agent)* ..... am fully and unconditionally agree to abide by all the terms & conditions as mentioned in the Empanelment Notice No. .... For supply of ..... conforming to the technical specifications as mentioned in the Empanelment notice.

We undertake to supply, install, test and commission required quantities of material, within the allotted period at the places to be specified in the supply order by the Department of Horticulture & Soil Conservation, Sanjenthong, Manipur. We undertake that our company/firm/firm/nursery has neither been Black listed/Debarred by any Government/Government Undertaking nor penalized on the same ground.

We also undertake that no legal proceeding is pending in any Courts on the same grounds.

I have read and fully understood the terms and conditions of supplies etc. mentioned in the Empanelment notice and I shall abide the same.

Date:

Signature:

Place:

Name:

Official Seal:

**TO BE SUBMITTED ON THE FIRM'S OFFICIAL LETTER HEAD**

**Name of the Company/Firm/ Nursery :**

**Registered/Postal Address :**

1.	Permanent Account Number (PAN)	
2.	GST No. (if applicable)	
3.	Bank Account Details	
	(i) Name of Account holder	
	(ii) Bank Name	
	(iii) Branch Address	
	(iv) Account Number	
	(v) Type of Account (Current Saving)	
	(vi) NICR No.	
	(vii) RTGS/NEFT code	

Date:

Name of the Authorized Signatory:

Place:

Signature with Seal:

TO BE SUBMITTED ON THE FIRM'S OFFICIAL LETTER HEAD



**TECHNICAL SPECIFICATIONS AND COMPLIANCE REPORT**

Reference: Notice letter No. ....

Dated .....

Sir,

With reference to the subject and notice no. cited above. I/We (Name of the Company/firm/nursery) on behalf of ..... (Name of the principal firm/manufacturer) are submitting the Technical specifications for ..... specified in Empanelment notice.

Name of the items/inputs	Technical Specification given in the notice	Detail Technical Specifications Offered by Company/Firm/Nursery

This is for your kind consideration, please.

Date:

Place:

Signature:

Official Seal:

Name:

Designation:

On behalf of:

Address:

*Note: In case there is any variation and/or deviation between the goods & services prescribed by the Department and that offered by the Company/Firm/Nursery, the same should be indicated in the above table without ambiguity:*

## **TERMS AND CONDITIONS**

1. Company/Firm/Nursery must submit the applications in the prescribed format.
2. Company/Firm/Nursery must submit the detail technical specifications for the items/inputs to be supplied failing which the application shall not be considered.
3. Dealership/Agency/Registration certificate, Valid PAN Card No., GST No.
4. Bank Account details (Name, Account No., Bank Branch, IFSC Code and MICR Code) to be submitted in the prescribed format.
5. All Company/Firm/Nursery shall give an Undertaking and Declaration (in the prescribed format) on their official letter head duly signed along with official seal; that they fully and unconditionally agree to abide by all the Competent Authority, in supply order, for which confirmation from the supplier shall be taken. Non-submission of the undertaking may lead to non-consideration of the application.
6. The Director, Department of Horticulture & Soil Conservation, Sanjenthong, Manipur reserves the right to reject any application/tender in part or full without assigning any reason thereof. The decision in this regard shall be final for any aspect of the contract and binding on all parties.
7. Other terms and conditions, as may be decided by the Competent Authority will be intimated from time, depending up on the conditions and requirement of the supply. The intimation in this regard shall be bound by the said terms & conditions.

**Technical Specifications of various inputs for the implementation of the State Plan Scheme  
“Development of Floriculture” under the Department of Horticulture & Soil Conservation.**

**A. PLANTING MATERIALS**

Sl.No.	Particulars	Specifications
<b>A.</b>	<b>Cut flowers</b>	
1.	Lilium	Bulb size viz: Oriental hybrids- 14cm to 16cm, LA hybrids- 12cm to 14cm, Asiatic -10cm to 12cm. Asiatic: Yellow- Pavia, White-Volvic & Red-Colares. LA hybrids: Yellow- Nashville, White- Ercolano/ Eyeliner. Oriental: White-Pathos, Pink-Resolute.
2.	Alstroemeria	Cutting well rooted- 6 inches to 8 inches. White- Apollo Yellow flushed pink-Coronet Red- Phoenix Orange- Orange Glory
3.	Chrysanthemum	Arka Ravi/ Arka Chandrika/ Champaign yellow/ golden/ Candor Pink, Height-Minimum 5-7 cm from the base, planting material must be healthy, vigorous and free from known pests and diseases and physiological disorders.
4.	Rose	Hybrid tea-12 to 15 cm plant from the base, Propagated by: Budding/Grafted, It should have a good graft/bud union, free from known pests and diseases and physiological disorders.
5.	Gerbera	Tissue Plant with 6-8 inches, Well rooted in net pot. White- Loretta Pink- Liberty Yellow-Kalifornia Red-Magnum
6.	Carnation	Healthy rooted cuttings of 6-8 inches in net pot. Red- Domingo White- Baltico Pink- Dona Light pink-Charmant Yellow – Diana
7.	Anthurium	Six months old Healthy Tissue cultured plants. Well rooted in a net pot, Disease & pests free. Red- Temptation/Tropical Red Orange- Casino White- Acropolis Green- Esmaralda
8.	Gladiolus	Disease-free corm size- 8-10 cm White- Archana, Yellow- Basant Bhar, Pink- Gazel.
9	Gypsophila (Baby's breath)	Cutting- well rooted in cocopeat, 6-8 inches, White-Bristol Fairy.
10	Leather leave Fern	Cutting well rooted in cocopeat, 6-8 inches, Variety: Rumohra & Pyrrosia.
11	Lotus	Local seed or Rhizomes (Thambal 108)
12	Water lily	Purple, Pink colour.
<b>B.</b>	<b>Perennial /Loose flowers</b>	
1.	Jasmine (Local)	Jasminum multiflorum -Around 2 years old,2 feet in height.
2.	Dahlia	Dwarfs or semi-dwarf double flower varieties with multiple colours. Seedling- 5 to 7 cm in seedling trays.

*Prady*



3	Hydrangea	Well-rooted Bigleaf hydrangea, free from known pests and diseases and physiological disorders.
<b>C</b>	<b>Seasonal Flowers</b>	
1	Petunia	Spreading habit, Single petals, Supertunia® varieties with mixed colour.
2	African Marigold	Dwarf, Multicolour, F1 variety.
3	French Marigold	Dwarf, Multicolour, spreading habit (Pusa Utsav)
4	Sylvia	Dwarf, Multicolour, F1 variety.
5	Primula	Dwarf, Multicolour, F1 variety.
6	Zinnia	Seed, Zinnia dwarf Syngenta.
7	Dianthus	Super parfait mix.
<b>C.</b>	<b>Potted ornamental plants</b>	
1.	Shade loving plant	Poinsettia (2ft), Calathea (3-4ft), Schefflera (4-5ft), Jade plant (4ft), Peace Lily (3-4ft)
2.	Partial shade loving plant	Fiddle fig (5ft), Pachera (4-5ft), Agloanema (2-3ft), Snake plant (4-5ft), Zanzibar Gem/ ZZ plant (2-3ft), Monstera (3-4 ft), Areca palm (5ft), Chinese palm (5ft), London pine (5ft), Croton (2.5-3ft), Pencil Pine (4-5ft), Triangular palm (5ft)

**Note:** The planting materials must be healthy, vigorous and free from pests and diseases and physiological disorder.

#### B. MANURE AND MICRO-NUTRIENT

Sl.No.	Particulars	Specifications
1.	Vermicompost	Free from harmful plant pathogens and unwanted seeds Dark Brown to Black in colour; Absence of foul odour; Bulk density: 7-9 g/cm <sup>3</sup> Particle size: 90 % of material should pass through 4.00 mm IS sieve. Total Organic Carbon: Min 18 %; Total Nitrogen: Min 15 %; Total Phosphorus: 0.8 %: Total Potassium: 0.8 %
2.	Farmyard Manure/ Manure	Properly dried, friable and free from harmful plant pathogens, insects and unwanted weed seeds. Dark brown to black; Absence of foul odour; Bulk density: 7-9 g/ cm <sup>3</sup>
3.	NPK	Water soluble with minimal impurities Polyfeed N:P:K ratio (19:19:19)
4.	Neem Power	10 kg pack
5.	Neem Oil	Liquid formulation
6.	Micro nutrients	Liquid formulation containing all essential plant nutrients especially Calcium

#### C. PLANT PROTECTION MATERIALS

Sl.No.	Particulars	Specifications
1.	Bactericide	Latest Pesticides formulation registered for use in India under the Insecticide Act, 1968.
2.	Copper based fungicide	
3.	Insecticide	

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**D. HORTICULTURE TOOLS AND EQUIPMENT'S;**

Sl.No.	Particulars	Specifications
1.	Gardener tool kit	Containing Secateurs, pruning knives, khurpi, hand weeder, pruning saw, hand trowel, long reach pruners, watering cans, digging spades etc.
2.	Knapsack Sprayer	Capacity: 16 L with ISI approved mark Tank material: HDPE Pump should be efficient and light weight with uniform spraying and more area coverage. Normal working pressure: 3 kg/cm <sup>3</sup> Nozzle & Pressure chamber material: Brass
3.	Plastic Mulch Film (30 micron)	Thickness: 30 Micron, Length: 400 m; Width: 1.2/1.5 m Upper Side: Black; Back Side: Silver Tensile Strength: 210 kg/cm <sup>2</sup> – MD 180 kg/cm <sup>2</sup> – MD
4.	Plastic Mulch Film (25 micron)	Thickness: 25 Micron, Length: 400 m; Width: 1.2 m Upper Side: Black; Back Side: Silver Tensile Strength: 180 kg/cm <sup>2</sup> – MD 150 kg/cm <sup>2</sup> – MD
5.	Weed Mat	Length: 100 m; Width: 1.2/1.5/3.0/4.2 meter Colour: Black Water permeability (1/m <sup>2</sup> sec): 12 (±50%) Form: Sheet

**E. INFRASTRUCTURE**

Sl.No.	Particulars	Specifications
1.	Polyhouse (300 sq m)	Structure: Dome Shape Net Natural Ventilated Poly House
		Shape: 15m X 20m
		Withstand Wind Velocity Upto 100 Km/ Hour Per Hrs
		Foundation: Size 48mm, 3mm Thickness GI Pipes Compatible with Columns, Length 1.2m
		Main Column: Size 60mm OD, Thickness 2 mm
		Purlin GI Pipes – Size 48/43 Od/Thickness 2 mm, Length – 4 M. Purlin Members – 33/32mm Od/2mm Thickness
		Clamps: The Complete Structure Fix with GI Clamp, Nut & Bolt, Welding Is Not Allowed
		Five Way Pipe Couplers: Size 42/48 OD, Wt. Per Length 2.30 Kg, Thickness 2 mm, Length-0.15 M
		Nut Bolts: Size 3/8"
		Grid Size: 4x6 (M)
		Gable Length: 4.0 M
		Centre Height -5m –Side Height- 4m
		C Type Aluminium Profile to Fix Shade Net to The Structure by Self-Tapping screws. Weight of GI profile- 220-240 Gm/Meter. Self-Drilling Screw on Profile every 40 cm along the full length of the profile

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		Coated Spring is preferable compared to Galvanized Spring. Wire Material Should Be High Carbon Spring Steel with Spring Action
		Covering Material: 200 Micron UV Stabilized UV Film
		Door of 1m X 2m Box Section frame
		Civil Work/ Foundation: Cement Concrete 1:2:4 Block of Size 40 cm X 40cm, 75 Cm for Embedding Vertical Poll/Pipe of Shade Net (As per requirement of Site).
		Overall Slop: 1 to 1.5%
		Use of Apron upto 1 mtr height stitched with Insect Net / Shade Net
2.	Shade Net House (300 sqm)	Structure: Dome Shape Net House
		Size: 300 Sqm
		Shape: 15m X 20m
		Withstand To Wind Velocity: Upto 100 Km/ Hour Per Hrs
		Foundation: Size 48mm, 3mm thickness GI Pipes Compatible with Columns, Length 1.2m
		Main Column: Size 60mm OD, Thickness 2 mm
		Purlin Gi Pipes – Size 48/43 Od/Thickness 2 Mm, Length – 4 M.Purlin Members – 33/32mm OD/2mm Thickness
		Clamps: The Complete Structure Fix with Gi Clamp, Nut & Bolt,
		Five Way Pipe Couplers: Size 42/48 OD, Wt. Per Length 2.30 Kg, Thickness 2 Mm, Length-0.15M
		Nut Bolts: Size 3/8”; Grid Size: 4x6 (M); Gable Length: 4.0 M; Centre Height -5m –Side Height-4m
		C type Aluminium profile to fix shade net to the structure by means of self-tapping screws. Weight of GI profile is 220-240 gm/meter. Self-drilling screw be fixed on profile every 40 cm along the full length of the profile
		Covering material: 75% UV stabilized shade net, mesh insect net, Polycarbonate sheet door with 1 m widths and 2m height and another door of 1m x 2m box section frame embedded inside for strength
		Civil work/ foundation: cement concrete 1:2:4 block of size 40 cm x 40cm, 75 cm for Embedding Vertical Poll/Pipe of Shade Net embedding vertical poll/pipe of shade net.
		Overall slop: 1to 1.5%; Apron: Use of apron upto 1 mtr height stitched with insect net / shade net
3.	Crates	Multi-Purpose Crates (540x360x290) mm
		Multi-Purpose Crates (600x400x320) mm

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**F. CUT FLOWERS**

Sl.No.	Particulars	Specifications
1.	Rose	Stalk length: 40-70cm Vase life: 7-10 days Flower/bud size (Diameter): 5-7.5cm Colour: Red Yellow, Pink, Orange, White, Bicolour
2.	Alstroemeria	Stalk length: 60 cm Vase life: 10-12 days Flower/bud size (Diameter): 5 cm Colour: Red, Pink, Orange, Yellow, Purple.
3.	Chrysanthemum	Stalk length: 90 cm Vase life: 7-14 days Flower/bud size (Diameter): 4-8 cm Colour: Yellow, Purple, Red, White, Pink, Green
4.	Gerbera	Stalk length: 45-55 cm Vase life: 7-10 days Flower/bud size (Diameter): 10-12 cm Colour: Yellow, Red, pink etc.
5.	Carnation	Stalk length: 98 cm Vase life: 7-14 days Flower/bud size (Diameter): 5-8 cm Colour: Pink, White, Red, Yellow, Scarlet.
6.	Lilium (Asiatic & Oriental)	Stalk length: 50-120 cm & 50-120 cm Vase life: 10-14 days & 10-14 days Flower/bud size (Diameter): 10-15 cm & 16-18 cm Colour: Red, Yellow, Orange, etc.
7.	Gladiolus	Stalk length: 80-107 cm and 10-16 florets. Vase life: 7-14 days Flower/bud size (Diameter): 7-10 cm Colour: White, Green, Yellow, Orange, Pink, Red.
8.	Anthurium	Stalk length: 40-45 cm Vase life: 3- 4 weeks Flower/bud size (Diameter):10-15 cm Colour: Red, Pink to Orange, Purple to Yellow, Salmon to Black.
9.	Gypsophila (Baby's breath)	Stalk length: 7-12 cm Vase life: 7-10 days Flower/bud size (Diameter): 3-10 mm Colour: Shades of white and pink
10.	Leather Leaf Fern	Stalk length: 30-70 cm Vase life: 7-21 days Leaf size: 25-60 cm long and 12-20 cm wide. Colour: Dark Green