



**Govt. of Bihar**  
**Department of Agriculture,**  
**Bihar Horticulture Development Society Patna**  
**(State Horticulture Mission)**

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[www.horticulture.bih.nic.in](http://www.horticulture.bih.nic.in)

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**Tender Enquiry for empanelment and fixation of rate for supply/installation of  
Poly House/Shade Net/Walk in Tunnel/Mulch Film/ INM & IPM/Honey Bee Box/  
Honey Bee Hives/Honey Extractor/Food Grade Container/Plastic Crates/Leno Bag  
in 2014-15 in the State of Bihar.**

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For timely and smooth execution of different schemes of horticulture development in 2014-15 in the state of Bihar, Bihar Horticulture Development Society (BHDS), Patna, Bihar invites Tender for empanelment as well as rate fixation for supply and installation of the different components mentioned above from reputed Manufacturers/Authorised Dealers/ Firms/ Agencies/Govt. & Non Govt. Organisations/Companies.

A panel of technically qualified firms will be prepared by BHDS. Empanelled firms will be eligible for supply/installation of the different components mentioned above under different schemes executed by BHDS in the state.

**Quotation forms including terms and conditions, specifications and quantity can be obtained from the State Horticulture Mission, Patna during all working days (Monday to Friday) between 11.00 hours to 16.00 hours on payment of a demand draft of ₹1000.00 drawn in favour of Bihar Horticulture Development Society, Patna. It may also be downloaded from the website [www.horticulture.bih.nic.in](http://www.horticulture.bih.nic.in). In case of downloaded form DD of ₹1000.00 has to be attached with the form.**

Applications for Empanelment in envelope duly super-scribed "Application for Empanelment as well as rate fixation for supply/installation ..... (name of component) under NHM/CMHM & Other Central/State Sponsored Schemes" addressed to the Mission Director, Bihar Horticulture Development Society, Patna should be submitted in State Horticulture Mission, 2<sup>nd</sup> Floor, Pant Bhawan, Bailey Road, Patna.

The last date for submission of the completed Tender will be on or before 15.00 hrs. on 18/09/2014 and the Tender will be opened on the same day at 16.30 hrs in presence of the applicants or their authorized representatives who choose to attend.

Bihar Horticulture Development Society, Patna reserves the right to revise/change/cancel the Tender without assigning any reasons thereof.

**Mission Director**

**Empanelment for supply/installation of following components**

**Components for empanelment :**

- A) Poly House
- B) Shade Net
- C) Walk in Tunnel
- D) Mulch Film
- E) INM & IPM
- F) Honey Bee Box
- G) Honey Bee Hives
- H) Honey Extractor
- I) Food Grade Container
- J) Plastic Crates
- K) Leno Bags

**General terms & conditions for empanelment :-**

1. Tender can be submitted for one component or more than one component or all components.
2. Tender shall be submitted in sealed envelope duly superscribed as "Tender for Supply/Installation of ..... (mention the name of component)" on the envelope along with components name.
3. Manufacturer/Authorised Dealer/ Firms/ Agency/Govt. & Non Govt. Organisation/Companies applying for empanelment should have at least 2 years experience of supplying/installation the concerned components as per their proposal for empanelment. Work order/experience certificate issued from Govt. or Non Govt. Organisation should be attached with Tender in support of experience, which clearly indicates firm's name and volume supplied with componentwise pricelist.
4. The following papers/documents must be attached with Tender.
  - a. Registration Certificate and detailed information of factory, firm/Company etc. as well as product catalogue of Manufacturer/Authorised Dealer/ Firms/ Agency/Govt. Organisation / Company shall be attached with Tender.
  - b. Certificate issued by manufacturer being authorised dealer/firm/agency, registration certificate of organisation and product catalogue must be attached with Tender.
5. Tender submitted without relevant papers/documents will be rejected.
6. The firm should have its own manufacturing unit, plant and machinery etc and authorized dealer should have proper authorization of concerned manufacturers.
7. Brand name/specification/warranty period of each component must be mentioned in Tender.
8. The annual turnover of the firm must not be less than ₹50.00 lakhs for the last one year. Audited balance sheet along with annual report and I.T. return should be submitted as supporting documents.
9. The applicant should submit annual empanelment fee of ₹25,000/- (Twenty Five thousand) for each items except leno bags. For leno bags empanelment fee will be Rs. 2,000/- in the form of demand draft payable to **Mission Director, Bihar Horticulture Development Society, Patna**. The annual empanelment fee is non refundable. It will be essential only for finally qualified bidders.
10. The firm can apply for each component separately if they wish to and have to submit empanelment fee separately for each component.
11. The firms facility should have ISO/BIS certification.
12. The firm should furnish a copy of sales tax registration, TIN and VAT number.
13. If any trade discount is claimed it must be mentioned in Tender.
14. Telephone No./Mobile No./Email and Full Address of the applicant must be mentioned in Tender.
15. Manufacturing unit/authorized dealer point may be inspected before approval as and when Mission Director, BHDS feel necessary to ensure the performance and quality of the product.
16. In the event of any complaint regarding after sales service and in case of supply of defective/sub standard material, the empanelled firm shall have to rectify the defects within a period of 15 days.

17. The BHDS is free to evolve strong punitive measure against erring companies to safeguard the interests of farmers in order to ensure proper utilization of public funds.
18. The material should be as per the quality specifications mentioned in the Tender notice. Failure to supply as per the quality specifications shall result in forfeiture of EMD, blacklisting and legal action against the company.
19. Under the Two Bid System, the **Technical Bid** shall consist of all technical details along with commercial terms and conditions and, **Financial Bid** shall indicate unit price and capacity to install/supply in one month for components proposed for.
20. EMD will be the part of Technical Proposal only.
21. **Earnest Money Deposit (EMD)** of Rs. 50,000/- (Fifty Thousand) should be furnished in the form of Demand Draft in favour of **BIHAR HORTICULTURE DEVELOPMENT SOCIETY** payable at any nationalised bank situated at **Patna (Bihar)** town. The earnest money of the technically unsuccessful firms will be refunded after the rejection of their Tender and will be retained from the successful firms up to the time of execution of contract, till the submission of security deposit and signing of agreement.
22. The **Technical Bid** along with earnest money and the **Financial Bid** should be **sealed** and submitted by the applicant in separate envelopes duly superscribed as Technical Bid and Financial Bid, respectively and should be put in a bigger envelope superscribing Tender for Empanelment & Rate Fixation for supply/installation of ..... (name of component) and addressed to Mission Director, Bihar Horticulture Development Society, Patna.
23. All the **Bid** documents should be signed by the **authorized person, carrying the prescribed letter of authority** and his full name and status should be indicated below his signature with the seal of agency/company/firm. It is mandatory for bidder to mention serial number on each page of tender documents.
24. Rate quoted in financial bid must be inclusive of all taxes/installation charges, freight for destination etc. Financial bid will be quoted in figures as well as in words. In case of any ambiguity amount quoted in words will be considered. The quotation of rate of any component must be with respect to desired technical specification of that component mentioned in Tender paper. Bidders should mention the capacity of supply/installation per month.
25. Conditional tenders will not be accepted.
26. No claim will be entertained afterwards for any increase in the market price or otherwise.
27. **The Technical Bids will be opened first** and will be evaluated by the tender evaluation committee at the society. Only such proposal will be evaluated in which required Earnest Money and Tender document cost are deposited along with the Technical Proposal and that meets other conditions of the proposal. Evaluation of the Technical Proposal, shall be carried out by a committee constituted by the Society, which shall look into compliance of specifications and of other conditions of tender enquiry. At the second stage, **Financial Proposal of only technically acceptable offers complying with Tender conditions will be opened**, for further evaluation.
28. A tri-partite agreement would be made mandatory for functional working of supply/installation of any component mentioned in Tender between concerned

Assistant Director Horticulture, District Horticulture Office of the district, farmer/Applicant and firm.

29. Payment against bill/invoice shall be done only after satisfactory completion of work and subject to verification by the officer designated for this work. No interest will be payable on the delayed payment. Payment will be made directly to the successful bidder through demand draft/crossed A/c payee cheque/RTGS.
30. The firm shall submit an affidavit from notary that "the company has not been blacklisted by any State Govt./Union Govt. or Organisation".
31. Mission Director, BHDS, Patna reserves the right to reject/cancel the empanelment of firm at any time if he/she is satisfied that it is desirable to do so in farmers interest after giving an opportunity of hearing such an applicant. The decision of Mission director, BHDS, Patna shall be final and binding.
32. **Tender should be addressed to Mission Director, State Horticulture Mission, Directorate of Horticulture, Department of Agriculture, 2<sup>nd</sup> Floor, Pant Bhawan, Bailey road, Patna and must reach on or before the date & time mentioned in the Tender notice.**
33. **Tender can be sent by post /courier/or by hand. In case of delivery in person, the document may be dropped in the proposal box kept for this purpose at the Mission Director's office at the address mentioned above.**
34. Bidders or their duly authorized representatives may be present at the time of opening the Main envelope and the Technical Proposal, the time and place for which is indicated in the Tender document. Time and Place for opening of Financial Proposal shall be immediately after evaluation and shall be communicated through a notice at the office of Mission Director.
35. **Bids received late after due date and time, will be rejected. The Bihar Horticulture Development Society will be in no case responsible for late delivery or non-delivery of Tender papers due to postal delay etc.**
36. Participation in the Tender will automatically imply the acceptance, on part of the participating Government agency/firm /company, of all the terms and conditions of this Tender.
37. The Bihar Horticulture Development Society reserves the right to accept/revise/change or reject any proposal or all at any time without assigning any reason thereof.
38. Since the Tender has been invited for empanelment and rate fixation, so the rate submitted by any firm found to be the lowest in any components will be the rate per unit of installation/supply for that component and it must be applicable for all empanelment firms to follow that fixed rate, provided, this rate per unit should not exceed the NHM norms. BHDS reserves the right to distribute the work amongst technically successful bidder on the same price approved by the tender committee.
39. It is necessary for technically qualified firms to produce the sample of components to the tender committee at the time of opening financial proposal. If any technically qualified firms fail to produce sample of the components to the tender committee at the time of opening financial proposal then their proposal may be treated as rejected.
40. Any legal dispute if arises, will be settled at Patna jurisdiction only.

### Technical Qualification for Bidder :-

i.	Bidder	:-	Should be Govt. Organisation/ Non-Govt. Organisation/ Companies/ reputed manufacturers/authorised dealers/firms/agency
ii.	Bidder's Office	:-	Should have office & after sale service centre in Bihar.
iii.	Bidder's Annual Turn Over	:-	Not less than 50.00 lakh during the last financial year. Furnish I.T. returns of concerned financial year with PAN card.
iv.	Experience	:-	Should have at least two years experience in the concerned field.
v.	Document' Cost	:-	Rs. 1000/- (One Thousand)
vi.	Earnest Money Deposit	:-	EMD will be Rs. 50,000/- (Fifty Thousands)
vii.	Empanelment/ Registration Fee	:-	Empanelment/registration fee will be Rs. 25,000/- for each components separately except leno bag. For leno bag it will be Rs. 2,000 which will be non-refundable.
viii.	Certification	:-	The firms have ISO/BIS certification
ix.	Bidder's Sale Tax	:-	Furnish copy of sale tax with TIN/VAT number
x.	Affidavit	:-	From notary stating that the firm has not been blacklisted/ debarred by any state govt./Central Govt. on account of corrupt or fraudulent practices.
xi.	Manufacture Unit	:-	Bidder should have its own manufacture unit and authorised dealers should have proper authorisation of concerned manufacturers.
xii.	Catalogue of the components	:-	Should submit catalogue of the components (optional)
xii.	BHDS rights	:-	<p>BHDS reserves the right to increase or decrease the quantity, negotiate, accept, distribute the order among the tenderers or reject any or all the tenders without assigning any reason.</p> <p>Evaluation will be done according to the provisions of Bihar Financial Rules, 2005.</p> <p>Payment will be done after verification of quality/quantity of materials supplied.</p>

**Technical specifications of the components :-**

**A) POLY HOUSES**

**i) Height**

- Upto 250 sqm. – 3.5 to 4.5 m.
- Large size – 5.5 to 6.5 m.

**ii) Technical measures for 500 m<sup>2</sup> and above Natural ventilated poly houses.**

- Bay size – 8m x 4 m, width of Poly house should be at least 35% of the desired length.
- Ridge height – 5.5 m to 6.5 m
- Ridge vent – 80 – 90 cm. opening fixed with 40 mesh nylon insect screen.
- Gutter height – 4 m to 4.5 m
- Gutter slope – 2%
- Gutter material – 20 gauge or 1 mm thick GI sheet with perimeter of 500 mm or more perfectly of single length without joint.
- Structure design – To withstand high wind speed minimum 150 k.m./hr. and minimum load of 25 kg/m<sup>3</sup>. There should be provision of opening one side for the entry of small tractor.
- Structure – made up to G.I. sheet tubular pipes or equivalent section configuring Indian stands having wall thickness of 2 mm joined with fastner properly.
- Columns – 76 mm OD, 2 mm thick.
- Trusses - bottom & top cord 60 mm OD, 2 mm thickness.
- Trusses member – 48 mm OD, 2 mm thickness.
- Purlin – 42 mm OD, 2 mm thickness.
- Purlin member & others – 33/25 mm OD, 2 mm thickness.
- Foundation – Insert G.I. pipes of minimum 60 OD or more to have foundation depth of 75 cm or more depending upon soil type and prevailing wind condition, grouted with cement concrete mixture of 1:2:4 using telescopic insertion of column.
- Fasteners – All nuts & bolts should be high tensile strength and galvanized.
- Entrance Room and door 2m x 2m.
- Cladding material : - 200 Micron U.V. stabilized transparent plastic sheet films confirming BIS standard multilayer, anti drip, anti fog, anti dust, anti sulfur, 85 % level of light transmittance.
- Fixing of cladding material :-All ends/joints of plastic films need to be fixed with two way aluminum profile with suitable locking arrangement along with curtain top.
- Spring Insert – Zigzag high carbon spring action wire of 2-3 mm diameter.
- Curtain and Insect Screen – Roll up U.V. stabilized 200 micron transparent plastic film as curtain need to be provided up to 3 m height on all sides having automatic type. 40 mesh nylon insect proof nets (UV stabilized) of equivalent size need to be fixed inside the curtain.
- Shade net :- UV stabilized 50% shading net with motor/manually operated mechanism for expanding and retracting size of net should be equal to the floor area of green house.

**B) SHADE NET HOUSE**

a) Height – 4 m.

b) Main parts :

S.No.	Pipe Description	Pipe OD in mm	Thickness in mm	Length of pipe in mm
1	Main column	60	2	4000
2	Straight corridor	60	2	5000
3	Bend corridor	60	2	5000
4	Foundation stub	48	2	1200
5	End purlin	43	2	4000
6	Middle purlin	33	2	4000
7	Horizontal member	43	2	1200
8	knee bracing	27	2	1200
9	Ladder 8 m	Fabricated		8000
10	Ladder 4 m	Fabricated		8000

c) Other parts :

S.No.	Pipe Description	Specifications
1	Profile	C shaped aluminium profile with min weight 200g
2	Fixtures	
3	Flat patti	Cold galvanized (electroplated)
4	60 OD full clamp	GI coil width 45 mm thickness 2 mm
5	60 OD half clamp	GI coil width 45 mm thickness 2 mm
6	33 ID half clamp	GI coil width 45 mm thickness 1.6 mm
7	25 ID full clamp	GI coil width 45 mm thickness 1.6 mm
8	Self tapping screw	
9	Spring Insert	High carbon steel wire, 2.3 mm dia
10	M 10 x 80	Cold galvanized (electroplated)
11	M 10 x 40	Cold galvanized (electroplated)
12	M 10 Nut	Cold galvanized (electroplated)
13	M 10 Washer	
14	M 6 x 50	Cold galvanized (electroplated)
15	M 6 Nut	Cold galvanized (electroplated)
16	M 6 Washer	
17	Door assemble	1m x 2m

d) **Shade Net** - Shadenet confirming BIS standard 16008:2012  
 - 50 % of the side  
 - 35 % fixed on top  
 - 50 % movable on top from centre  
 Colour – Green or White

**C) WALK IN TUNNEL :-**

- i) Designed to with stand wind up to 120 km/hr and trellising loads up to 25kg/m<sup>2</sup>.
- ii) Structure gable configuration can be 8 meters or 10 meters wide.
- iii) Height reaches 4.10 meter (2" GI pipe OD) for 8 meters and 450 meters (3" GI pipe OD) for 10 meters.
- iv) Option for vertical curtains (2 meter long) on tunnel side walls.
- v) 2 or 3 meter height.
- vi) Pole to Pole distances 2.5 meters.
- vii) Gladding :- Roof & side covers by 200 micron poly film UV stabiliser.
- viii) Rest other specification as per poly house/green house.



**D) DETAILS OF HONEY BOX**

**i) Size-**

- Length - 20 ¼ inches.
- Width - 16 ¼ inches.

**ii) Complete set of Honey boxes will consists of**

- Floor sheet.
- Infant part.
- Honey part.
- Migration net.
- Thin cover.
- Hard cover.
- Four frame.

**Honey Bee colony**

- I. Eight frames with Queen, Drone and Soldier.
- II. Inner wall of all eight frames should be fully covered with bees and eggs.
- III. wax – 1 kg.
- IV. Stand for box @ 4 inches high below the box.
- V. Set of tools.

**E) HONEY EXTRACTOR :-**

**a) Honey Extractor – 4 frame.**

**Size-**

- Length - 36 inches.
- Width - 30 inches.

**F) FOOD GRADE CONTAINER :-**

**a) Food grade container – 30 k.g. net.**

**G) PLASTIC CRATES :-**

**a) Plastic Crates (30-48kg./Ltrs.) – Bottom Solid, Side Perforated (Branded)**

**H) LENO BAGS :-**

**a) Leno Bags – Branded**

**I) IPM/INM :-**

**a) IPM/INM – As per specifications mentioned in the guideline of NHM.**

**(Forwarding Letter of Proposer)**

**Name of Firm:**

**Address:**

**Phone No. /Mobile No.:**

To,

**The Mission Director,**  
State Horticulture Mission, Bihar  
2<sup>nd</sup> floor, Pant Bhawan,  
Bailey Road,  
Patna-800001

Sir,

Subject: **Submission of technical & financial proposal.**

In accordance with the terms & conditions of the EO for **SUPPLY/INSTALLATION OF .....** (MENTION THE COMPONENT NAME) IN DISTRICTS OF BIHAR

I /We submit the **technical bid** containing the following documents;

1. **Authority Letter** (Annexure I)
2. **Information Sheet** (Details of company) (Annexure II)
3. **Details of Earnest Money** along with **Bank Draft** (Annexure III(a))
4. **Details of Tender document cost and draft.** Not applicable for Tender document purchased in person (Annexure III (B))
5. **Technical Specification of Component** treated as (Annexure IV)
6. **Submission of Affidavit** (Annexure V)
7. **Financial Bid** (Annexure VI)
8. **Original copy of money receipt.** (In case of purchase in person)
9. **Proof of Experience for supply/installation,** as indicated in Section 3
10. **BIS/ISO Certificate** (Photo Copy)
11. **Photocopy of Sales Tax Registration**
12. **Photocopy of Income tax PAN Card**
13. **Catalogue/Literature**(Optional)
14. **Balance sheet of last three year showing 50.00 Lakh turn over in financial year 2013-14.**

Further, it is certified that the information furnished in this Tender documents is true and correct to the best of my/our knowledge & belief. I/we fully understand terms and conditions mentioned above and undertake to abide by the terms & conditions and rules & regulations mentioned in the Tender document.

It is also certified that the firms has not been blacklisted by any Union or State Government department or institute in any matter and the owners or partners/ directors has never been legally prosecuted & in any legal dispute with any Union or State Government department.

Signature of Authorized Signatory

Name

Designation

Seal of the company

Dated.....

*(Letter head of the proposer)*

**AUTHORITY LETTER**

**M/s.** .....

.....  
..... (Name & address with

telephone no. of dealer) is working with/on behalf of our company  
as our authorized representative/dealer for the State of Bihar.

He is authorized to submit, collect & correct all  
proposal/quotation/project documents on behalf of company.

Signature of Authorized Signatory  
Name  
Designation

Seal of the company  
Dated.....

**PROPOSER INFORMATION SHEET**

(General Information to be supplied along with the Tender)

**Date of Opening of Tender – .....; 04.30 p.m. (Technical)**

**Date of Opening of Tender – To be intimated later (Financial)**

1. Name of the Item:

2. Name & Address of the firm/ authorized dealer,

Telephone No. :

3. (a) Sales Tax /C.S.T. Registration No. :

(b) Income Tax PAN No. :

4. Whether Service facilities available in Bihar (If yes,  
address of service center)

: Yes / No

5.(a) BIS/ISO registration

: Yes / No

(b) If Yes , Details

6. Address with telephone no./e-mail/web address  
where production centre(s) is situated

Certified that above information is correct to the best of my knowledge and belief.

Signature of Authorized Signatory  
Name  
Designation

Seal of the company

Dated.....

**DETAILS OF EARNEST MONEY**

Earnest money as per details below is enclosed for the purpose of Tender for SUPPLY/INSTALLATION ..... (mention the name of component) IN DISTRICTS OF BIHAR

Bank Draft No.....

Name of the bank.....

Branch.....

Dated.....

Amount (In figures & words).....

.....

Signature of Authorized Signatory  
Name  
Designation

Seal of the company

Dated.....

**DETAILS OF TENDER DOCUMENT COST**

(Not applicable for Tender purchased in person)

Tender document cost as per details below is enclosed for the purpose of SUPPLY/INSTALLATION .....  
(mention the name of component) IN DISTRICTS OF BIHAR

Bank Draft No.....

Name of the bank.....

Branch.....

Dated.....

Amount (In figures & words).....

.....

Signature of Authorized Signatory  
Name  
Designation

Seal of the company

Dated.....

**Submission of Affidavit (For Technical Proposal)**

(Through Notary Public on Non-Judicial stamp paper of Rs. 100.00)

- Our firm is ready to supply/install ..... (mention the name of component) as per technical specification mentioned in Tender on rate to be fixed by BHDS and providing after sales services as well as system maintenance as per NHM (MIDH), CMHM and other central/state sponsored schemes norms.
- Our firm has never been blacklisted by Govt. of India or any state govt.
- No legal issues regarding supply/installation ..... (mention the name of component) is pending in any court. (If any legal issues are pending the regarding detail should be explained separately)

## **FINANCIAL PROPOSAL**

*(On Letter head of the Bidder)*

**Name of Firm:**

**Address:**

**Phone No. / Mobile No./E-mail :**

To,

**The Mission Director,**

State Horticulture Mission, Bihar

2<sup>nd</sup> Floor, Pant Bhawan, Bailey Road, Patna-800001.

Sir,

I / we do hereby propose rates for supply/installation of .....  
(mention the name of component) in the state of Bihar in accordance with the specifications in all respects and instructions in the Annexures.

<b>Sl. No.</b>	<b>Name of the Item</b>	<b>Unit</b>	<b>Rate in Rs (In figures &amp; words both)</b>
1			
2			
3			

**Rates quoted are inclusive of Taxes/Duties like Sales Tax/ VAT, excise duty, Inspection charges etc., if any.**

**The rates should be quoted in Indian Rupees only**, for each item separately, both in figures and words in such a way that interpolation is not possible and all over-writings should be strictly avoided or rewritten and correction should be duly attested prior to the submission of tender. The rates should include all taxes packing costs, transportation, unloading costs at destination in all Districts in Bihar.

Signature of Authorized Signatory

Name

Designation

Seal of the company

Dated.....