

Govt. of Bihar

Department of Agriculture Bihar Horticulture Development Society 2nd Floor, Krishi Bhawan, Mithapur, Patna-800001,

Phone Fax: 0612-2521776, e-mail: dir-bhds-bih@nic.in, Website:horticulture.bihar.gov.in

NOTICE INVITING E-TENDER

Through e-procurement mode only over (https://eproc2.bihar.gov.in)

Short E-Tender for empanelment for Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar.

Bihar Horticulture Development Society (BHDS) invites online bids from reputed and experienced organizations for empanelment for supply and installation of the Poly House, Shade Net and Mulch Film from reputed Manufacturers/Authorized Dealers/ Firms/ Agencies/Govt. /Companies. The interested specialized organizations/firms/companies, which are involved and having experience of **Supply and Installation of Poly House, Shade Net and Mulch Film** or related activities may apply. Empaneled firms will be eligible for supply and installation of the different components mentioned above in the state.

The filled e-tender for technical & financial bid should be uploaded on the website: eproc2.bihar.gov.in by the bidder. EMD and tender feemust be sent through online mode (NEFT/RTGS).

SN	Particulars	Details				
1.	Start Date & Time for Downloading of Tender document	16.07.2025 (11:00 Hrs.)				
2.	Date, Time, and place for attending pre- bid meeting. The mode of meeting will be hybrid (physical and virtual)	22.07.2025 (12:00 Hrs), Place for physical pre-bid meeting-Department of Agriculture, Directorate of Horticulture, 2nd Floor, Krishi Bhawan, Mithapur, Patna – 800001. Link for virtual pre-bid meeting will be published on BHDS website http://horticulture.bihar.gov.in				
3.	Last Date & Time for Downloading of Tender document	31.07.2025 (12:00 Hrs.)				
4.	Last Date & Time for submission/uploading of offer/Bid	31.07.2025 (15:00 Hrs.)				
5.	Date and time of technical bid opening	31.07.2025(15:30 Hrs.)				
6.	Date and time of financial bid opening	To be intimated to technically successful bidder(s) only				
7.	Nodal officer/Contact person for queries	Nitesh Kumar Ray, Deputy Director Horticulture (Mob No9031643034)				
8.	Mode of Selection	Least Cost Based Selection – LCBS(L1)				
9.	It is mandatory to submit the EMD through online mode (NEFT/RTGS)					

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

Mission Director

State Horticulture Mission, Bihar, Patna

Govt. of Bihar

Department of Agriculture

Bihar Horticulture Development Society, Patna.

(State Horticulture Mission)

 2^{nd} Floor, Krishi Bhawan, Mithapur, Patna-800001,

Phone Fax: 0612-2521776, e-mail: dir-bhds-bih@nic.in, Website: horticulture.bihar.gov.in

Short e-Tender for empanelment for Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar

1. Factsheet

SN	Particulars	Details	
1.	Start Date & Time for Downloading of Tender document	16.07.2025 (11:00 Hrs.)	
2.	Date, Time, and place for attending prebid meeting. The mode of meeting will be hybrid (physical and virtual)	22.07.2025 (12:00 Hrs), Place for physical pre-bid Meeting-Department of Agriculture, Directorate of Horticulture, 2nd Floor, Krishi Bhawan, Mithapur, Patna – 800001. Link for virtual pre-bid meeting will be published on BHDS website http://horticulture.bihar.gov.in	
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5.	Date and time of technical bid opening	31.07.2025 (15:30 Hrs.)	
6.	Date and time of financial bid opening	To be intimated to technically successful bidder(s) only	
7.	Mode of Proposal submission	E- tender	
8.	Bid validity	120 days from date of bid submission	
9.	Tender Processing Fee	Rs. 590 (including GST) through online payment (applicable as per eproc2 norms)	
10.	Earnest Money deposit (EMD)	An EMD of Rs. 10,00,000/- (Rupees Tenlakh only) through online mode (NEFT/RTGS)	
11.	Tender Document Fee	Rs. 5000/- through online mode((NEFT/RTGS)	
12.	Nodal officer/Contact person for queries	Nitesh Kumar Ray, Deputy Director Horticulture (Mob No9031643034)	
13.	It is mandatory to submit the EMD through	online mode (NEFT/RTGS)	

Note: Technical & Financial bid along with technical proposal should be uploaded on the website: https://eproc2.bihar.gov.inby the bidder. The EMD and Tender document fee, payment through online mode (NEFT/RTGS) will be mandatory for bidders.

2. Disclaimer

- 2.1 The information contained in the tender document or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of the Bihar Horticulture Development Society (BHDS), Agriculture Department, Government of Bihar (GoB), is provided to Applicants on the terms and conditions set out in the RFP and such other terms and conditions subject to which such information is provided.
- 2.2 The RFP is not an agreement and is neither an offer nor invitation by the BHDS to the prospective Applicants or any other person.
- 2.3 The purpose of this tender is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to this tender.
- 2.4 Information provided in this tender to the applicants is on a wide range of matters, some of which depends upon the interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion in the law expressed herein.
- 2.5 BHDS also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any applicant upon the statements contained in this tender. BHDS may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this tender.
- 2.6 The issue of the tender does not imply that BHDS is bound to select any Applicant or to appoint the Selected Applicant, as the case may be, for the event management activities and BHDS reserves the right to reject all or any of the proposals without assigning any reasons whatsoever.
- 2.7 The applicant shall bear all its costs associated with or relating to the preparation and submission of its proposal including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by BHDS or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Applicant and BHDS shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Proposal, regardless of the conduct or outcome of the selection Process.
- 2.8 BHDS and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information forecast, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of BHDS and / or any of its officers, employees.

3. Eligibility Criteria for agency:

S	Particulars	Details	Required Documents
i.	Registered Agency		Certificate of Incorporation/ Registration of the bidder Company/Agency/ Organization. Agencies with Common Partners/Directors would not be allowed to apply under this Tender

			Note: The bidder should be registered Entity in India since last 5 years
ii.	Agency's Office	Should have its office/branch in Bihar or if not then selected agency have to establish it after the final selection.	If the bidder has office in Bihar, has to submit Office address proof. (Rent Agreement) If the bidder does not have office in Bihar, a self-declaration of establishing office in Bihar after final selection has to submit with sign and stamp of the head/authorized person of the organization.
			The bidder agency who don't have office/branch office in Bihar should submit a self-declaration that they will open their office/branch office within 07 days after final selection.
iii.	Agency's Annual Turn Over	The average annual financial turnover during the last 3 consecutive financial years FY 21-22, 2022-23 & 2023-24 should be at least Rs. 5.00 Cr.	1. CA certified Audited report/ Audited Balance Sheet and Profit and Loss statement (with UDIN) of the agency should be submitted as supporting documents. 2. I.T. return of last three FY (FY 23-24, 22-23 and FY 21-22) must be submitted must be submitted with Computation duly certified and stated by CA that in last three-year FY, average annual financial turnover of the firm was not less than 500 Lakh (Annexure-VII)
			Note: If a bidder owns more than one business, the turnover of the unit in whose name the bid is made will be considered and overall turnover of the bidder consolidating every unit will not be considered.
iv.	Experience	Should have minimum 3 year experience of supplying Polyhouse, Shade Net and Mulch Film in the last 3 financial years.	Attach the following as proof documents for each assignment completed: 1. supply order/ work order 2. invoice bill voucher 3. concerned payment proof shown in Bank Statement as proof (Kindly highlight the payment details in the payment proof documents against each work order).
			Note: All the three Documents mentioned above should be in linear order and Payment proof must be highlighted and should match with Invoice Bill Voucher.



v.	Document' Cost Earnest Money Deposit	Rs. 5000/- (Five Thousand only) through online mode (NEFT/RTGS) An EMD of Rs. 10,00,000/- (Rupees Ten lakh only)	Work Completion Certificate should also be mandatorily attached. If the payment proof is not matching with bill voucher kindly submit the Reconciliation Statement of the difference. (Annexure VIII)
		through online mode (NEFT/RTGS) will be mandatory.	
vii	Certification	Organization should have valid ISO certification	Attach ISO certificates. Bidder should conform to BIS standard (IS 17216: 2019) for mulch film to be provided. (As per Annexure XI).
viii	Agency's GST Sale Tax	Furnish copy of GST return with GST registration Number.	GST return file documents of last year 2023-24 and it should match with Audited Balance Sheet and Profit and Loss Statement of respective years. Copy of GST return (GSTR 3B & GSTR-9 & 9C if applicable) of FY 2023-24 and it should match with Audited Balance Sheet and Profit and Loss Statement of respective years. Every Bidder should submit GSTR 3 B of FY 2023-24 and it should match with Audited Books of Accounts. 1. If the Bidder Turnover is more than Rs 5 Crore then bidder should submit GSTR 9C, 9 and GSTR 3B. 2. If Turnover is more than 2 Crore then bidder should submit GSTR 9 along with GSTR 3 B. Submit Annexure X showing Turnover of FY 2023-24 showing rate wise bifurcation. (Annexure X)
ix.	Affidavit	From notary stating that the firm is not blacklisted/	As per ANNEXURE V
		debarred by any State Govt./Central Govt. on account of corrupt or fraudulent practices.	
X	PAN Card Details	Provide the pan card details of	PAN Card



		the company/	
		firm/organization	
xi	Manufacturing Unit	Should have its own manufacturing unit and authorized dealers should have proper authorization of concerned manufacturers.	Mention complete address and area with location of manufacturing unit with contact person name and mobile number as asked in Proposer Information sheet (Annexure II) (Rent agreement of manufacturing unit, if unit is on Rent and Ownership Document if unit is owned by Bidder.) Authorized dealer certificate: Certificate
			issued by manufacturer being authorized dealer/firm/agency on its letter head with Sign and Stamp.

Note:

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

Bidder should highlight payment details in the bank statement provided as proof for the payment.

4. General terms and conditions:

- 4.1 The Bidders participating in the tender will invariably be accepting all the terms and conditions of the tender. Non-compliance to any terms and conditions may cause rejection of the bid.
- 4.2 The Bidder will have to ensure all compliances related to registration with Environment/Atmosphere /Non-Air pollution work in nature after the final selection (If applicable).
- 4.3 All documents submitted by the bidder should be Self Attested and valid till the date of bidding of the tender.
- 4.4 The Bidder should follow the Bureau of Indian Standards (BIS) Standards with respect to Poly-house:
 - i) IS 14462: 1997- Recommendation for Layout, design and construction of Polyhouse.
 - ii) IS 14485: 1998- Recommendation for heating, ventilating and cooling of Polyhouse.
 - iii) IS 15827: 2009- Plastic films for Poly-house.
- 4.5 In case, any confusion/dispute occur due to different interpretation of the statement mentioned in the tender document, the decision of the Mission Director, BHDS shall be final and binding upon all concerned parties.
- 4.6 Notwithstanding anything contained in the RFP, Mission Director, BHDS, Patna, reserve the right to accept or reject any proposal and annul the selection process and reject all proposals at any time without any liability or any obligation for such acceptance, rejection or annulment and without assigning any reasons thereof.
- 4.7 The Mission Director reserves the right to reject any or all proposals if:
 - At any time, a material misrepresentation is made or uncovered: or, the bidders do not provide, within the specified time, the supplemental information/any additional information it may find necessary or require clarifying, supplement or authenticate the Bid sought by Mission Director. Any request for clarification (s) and all clarification (s) on response thereto shall be in writing.



4.8 Further, in case of failure to execute the work by the agency as per the work order except in case of any loss of natural calamity or unforeseen conditions the contract will be terminated, and the EMD will be forfeited. The pending work will be allocated to another firm and the charges will be at risk and cost of the previous firm.

4.9 The department reserves the right to relax or waive any of the condition mentioned in this document as deemed necessary in the best interest of the Govt. and the objective of the

scheme without assigning any reasons thereof.

4.10 Non-compliance to any of the criteria/ conditions set in the RFP may cause rejection of the

- 4.11 An affidavit on Rs.100/- on non-judicial Stamp Paper from Public Notary shall be attached/uploaded by the bidder (It should be made on or one month before the publication of tender online on website) with following declaration that:
 - a) The agency shall submit an affidavit from notary that "the agency has not been blacklisted by any State Govt./Union Govt. and no legal issues regarding Supply and Installation of Poly House, Shade Net and Mulch Film in the State of Bihar and any other State in India."
 - b) The Bidder has not been blacklisted by any State Government/GOI/Union territory/State and Central Educational Institutes etc. during last 10 (Ten) Years from the date of submission of tender bid for any item or by any reason.

4.12 The technical Proposal shall not include any financial information relating to the Financial Proposal.

- 4.13 Participation for the empanelment process will automatically imply the acceptance, on all the terms and conditions of this notice for empanelment.
- 4.14 Evaluation and selection process of the bidder will be governed by the guidelines of Bihar Financial Rules (2005).
- 4.15 Further, in case of failure to execute the work by the party/firm/company/organization as per the order, the contract will be terminated, and the security money will be forfeited. The work will be completed by another firm and the charges will be at risk and cost of the previous firm.
- 4.16 All documents submitted by the bidder should be Self Attested and valid till the date of bidding of the tender.
- 4.17 The duration of the project will be for 12 months from the date of agreement
- 4.18 Submit the Signed "Forwarding Letter of Proposer on firm letterhead' as per tender document.
- 4.19 Agency Should submit catalogue of the components (optional)
- 4.20 Tender can be submitted for one component or more than one component or all components.
- 4.21 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.
- 4.22 EMD and Tender document costs will be the part of Technical Proposal only.
- 4.23 Empanelment/ Registration Fee: Agency who get qualified for empanelment with BHDS, Patna need to deposit a fee of Rs. 1 Lakh as empanelment fee which will be non-refundable in favor of the Mission Director, Bihar Horticulture Development Society payable at Patna, Bihar .Agency already registered/empaneled with Bihar Horticulture Development Society (BHDS), Patna is not required to deposit Empanelment/ Registration Fee.
- 4.24 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 for forfeiture of EMD, blacklisting and legal action against the company.
- 4.25 Agencies with Common Partners/Directors/Shareholders would not be allowed to apply under this Tender. For Example: If any Sole proprietor is applying for tender and he is in Board of Director/Shareholders in any Company applying for the said tender. Then that Company is not allowed to participate in the Tender. (Annexure IX)
- 4.26 Financial Quote should strictly be filled in the BoQ (excel sheet format) of the eproc2. Any scanned upload of financial format will certainly cause rejection of financial bid. Evaluation will be done on the basis of Excel Sheet uploaded in BOQ Section.
- 4.27 Conditional proposal will not be accepted.

- 4.28 Empaneled agency will be bound to complete the entire work within 180 days from the date of issue of the letter or work order. If he fails to complete the job within the time frame without any valid reason i.e., 180 days from date of issue of work order then, the penalty will be imposed @ 1% of work order amount after every 15 days. maximum up to 5% and beyond which the contract of the agency will be terminated, and the EMD will be forfeited. The penalty amount will be deducted from the final payment amount.
- 4.29 Performance Security money: The successful agency should have to deposit an amount of Performance security money in the form of Bank Draft/Bank Guarantee (Issued by nationalized bank only) in favor of the Mission Director, Bihar Horticulture Development Society payable at Patna, Bihar. Performance Security money will be collected based on work order issued to bidder.

Sr No	Particulars	Number of Work Order	Performance Security Amount
1		1-5 Work Order	Rs 10 Lakh
1	For FLD	6-10 Work Order	Rs 20 Lakh
		10 & Above	Rs 30 lakh
2		1-5 Work Order	Rs 2.5 Lakh
	For Polyhouse and	6-10 Work Order	Rs 5 Lakh
	Shade Net	11-20 Work Order	Rs 10 lakh
	-	20 & Above	Rs 15 lakh

- 4.30 The security amount will be/shall be forfeited if the empaneled agency fails to provide services *i.e.*, supply, installation and maintenance in stipulated time. Performance security money of the agency will be released after 3 years of completion of the project.
- 4.31 EMD of the successful bidder will be returned only after submission of Performance Security Money.
- 4.32 After construction of all the relevant structures, the vendor agency will provide technical support to the farmer for 3/1 years as well as a file with the details of crops being planted seasonally. The File should be preserved with the farmers. If the crops to be planted are not found in the file, then amount will be deducted from the bidder's performance security w.r.t Gap analysis. The aforementioned work will be completed over three years in Front Line Demonstration (FLD) and one year in Poly house and Shade net.
- 4.33 In the event of any complaint regarding after sales service and in case of supply of defective/substandard material, the empaneled agency shall have to rectify the defects within a period of 15 days.
- 4.34 In execution of the work, BHDS shall not have any liability of incurring any loss of natural calamity or unforeseen conditions during the contracting period.
- 4.35 Tender Document Fee and Earnest money deposit (EMD)
 - O Tender document fee of Rs 5000/- (Five Thousand Rupees Only) and EMD amounting Rs. 10,00,000.00 (Rupees Ten Lakh only) must be submitted through online mode (NEFT/RTGS). In case of non-submission of EMD, the bid will be summarily rejected, and financial bid will not be opened.
 - o EMD will be returned to all unsuccessful bidder after finalization of the successful bidder without any interest
 - EMD of the successful bidder will be returned only after submission of Performance Security Money



 Cheque/ Bank Guarantee/ Fixed Deposit money orders etc are not acceptable towards earnest money deposit.

4.25 Participation for the empanelment process will automatically imply the acceptance, on all the terms and conditions of this notice for empanelment.

5. Disqualification

The agency will be disqualified if:

a. The interested bidder has made misleading or false representation in the firms, statements, attachments submitted in proof of eligibility.

b. The e-tender is not accompanied by required documentation.

c. The bidder fails to provide clarification related thereof, when sought.

d. The interested Entity is found to canvass, influence or attempt to influence in any manner, the qualification or selection process, including without limitation, by offering e-tender or other illegal satisfaction.

e. Notwithstanding anything written above or elsewhere, the e-tender may disqualify the Interested Entity without assigning or disclosing any reason thereof.

f. Any change in the Annexure format/ Financial format specified in the tender document/E-proc2, will certainly cause rejection of the bid.

6. Technical specifications of the components

A) POLY HOUSES

Sr. No	Item	General Specification			
1	Type	 Minimum top ventilation should be 10% of total Polyhouse/Greenhouse area and side ventilation depends on requirement of the climatic conditions. Preferably Saw footh design or Even Span, Ridge & Furrow depending upon suitability for naturally ventilated polyhouse/greenhouse 			
2	Size	 Area = As per the requirement Length = Multiples of 8 Meter 4 Meter. Ex. 8x2+4 or 8x3+4. (Length is side along the gable or side along the truss lines) Width = Multiples of 4 Meter. Ex. 4x2 or 4x3 (Width is side along the gutter or side along the Purlin lines) 			
3	Grid	 BM x 4M 2 Meter corridors/balcony along all four sides. If the area is \$250 Sq m then it is better to go for single span green house 			
4	Shape	To reduce the impact of wind and consequent damage to greenhouse structure: Green house will be aero dynamic along all four sides with curvature shaped balcony pipes of 48 mm OD/2 mm thick GI pipes			
5	Structure	Hot Dip Galvanized Tubular Structure. Galvanization of the structural members of BIS standards should not be less than 300 GSM (grams per square meter).			
6	Stability of Structure	 Structure should withstand to minimum wind velocity of 80.6 miles perihr or 130 Km/hr or 36 Meter per second Note:- In case of high wind velocity zones, structure should withstand wind velocity up to 94 miles per/hr or 150 Km/hr or 42 Meter per second. 			
7	Size of the Structural members	Refer sequence as = Members Name Outside Diameter (mm) Thickness (mm) Wt. per meter length (kg) Columns 76 2 3.75 Top Purlins 48 2 2.30 Gutter Purines 42 2 2.10 Top Arches of the truss 42 2 2.10 Bottom Chord of the truss 60 2 2.85 Internal Bracings of the truss 33 2 1.60			

			Corridors	60	2	2.85
			Balconies			
			Curtain Runner	42	2	2.10
			Flap control pipe	21	2	1.08
			Curtain Shaft	27	2	1.30
		9	Cross Briscing	33	2	1.60
				es should not	be used for structu	re erection except bottom
			pipe of m length			1 2 1 1 1'1
8	Fixtures to join	•	Different type of fix	ctures are used	l to join structural n	nembers of poly-house like
	structural Members		brackets, cleats, cla	mps, nut & bo	olts, washers, self ta	pping & drilling screw etc.
			The entire iron fixtu	ire should be	galvanized and stro	ng enough
	a) Brackets and cleats	•	Made from the se	ection like ar	f 120 GSM	eams and should be cold
	b) Clamps	•	Different type of cl	amps like 76/	60/48/42/33 mm O	D full, 76/60/48/42/33 mm
	, o,		OD half are used v	which should	be made from min.	42 mm wide and 2.1 mm
			thick GP Coil havir	ng minimum 1	20 GSM Galvaniza	ation. Curtain clamp should
			be made from high	n carbon stee	1 strips of min 30r	nmwide and 0.8mm thick.
						at after foxing at the place
			they should not cha			1 1 1 1 111 11
	c) Nut, bolt and	•				sed and they should be cold
	Washers		galvanized with mi			They prevent dislocation of
	d) Self tapping and drilling	•	clamps from its a	u de used to a	hetween tenning	They prevent dislocation of screw specially for fixing
	Screw		profile to gutter sho			serew specially for fixing
9	Gutter	•				nm thickness in trapezoidal
						y of single length without
						ild be leak proof. Min. 1%
			slope required for the gutter. Assure uniform slope to gutter to avoid stagnant			
			water in gutter to ac		_	
		•				
	a) Gutter Height	•	Gutter height shoul	d be 4 to 4.5 r	neter from foundati	on formation level
10	Ridge Height	•	Ridge height should	d be 6 to 6.5 n	neter from foundation	on formation level.
12	Arches Overlap	•	Minimum overlap of top arch over second (small) arch should be 600mm to			
			avoid direct rain en			
13	Foundations	•				900mm or suitably altered
						safety and stability of the
						mns are fitted over ground
						m thick GI Pipe. Length of
			appropriate Grade of		g the pit with 1:2:4	concrete hand mixed with
					foundation ensur	e that slope of greenhouse
						ng gutter min. 1% and max.
						sk grower to do the land
						nd within the limits. Slope
			along the gable and	d gutter should	d be uniform. If de	veloped ground has filling
						flooding of water over the
						g is not done then there are
						er application of structural
14	Civil Works		load even foundation			00 - 0 1 11
14	CIVII WOIKS	•				m x 80 cm for embedding
						house will be 23 cm thick, GL) in cm 1:6 with 10 cm
						Il be plastered in cm 1:4 on
			top and sides.	o in iounualle	on or wan. wan wi	n oo piastoroa in oin 1.4 oii
		•	_	and 10cm thic	k footpaths made	of cement concrete ratio of
			1:2:4 should be pro-			
15	Curtain opening	•			poly-house is mor	re than ambient. To reduce
		17	the inside poly-hou	se temperatur	e increase, side ver	ntilation, minimum 20% of
						urtain opening is required.
						o the bottom apron. This
						in into the greenhouse and
1.0	D-44-		also to stop direct a			
16	Bottom Apron	•	To tap the CO, ins	side the green	nhouse, bottom apr	on is necessary. It should



		have min.0.6m height from the ground and max 1.5 meter depending upon the crop and climatic conditions.
17	Doors	Double door entry, Doors should be made of form FRP Sheets or polycarbonate sheets. Opening and closing is either hinged or sliding. Min width of door should be 1M and min height 2M. The door area should have 50 mm PCC Flooring over 75 mm thick sub base.
18	Top Shading and Side shading	Top shading can be done by using following material: a) Shading net: Shading net made from HDPE should be used. The selection of shade net depends upon the selection of crops grown and the light spectrum. It should not be more than 50% shade factor. It should be UV stabilized so that it should last long for min. three years. GSM should be minimum 100. Opening and closing arrangement either manual or auto should be provided to the shading net to increase its utility. b) Thermal screen/Aluminate: This is better option to create the shading. It reflects the light back and by the means controls the temperature also This defuses the light also. This is made from HDPE with hot dip aluminium coating. Minimum GSM should be 100 and minimum aluminium coating should 25 micron. Opening and closing arrangement either manual or auto should be provided to the thermal screen to increase its utility.
		Side Shading: Shade net of 35% should be used to create side shading. This is useful to avoid direct entry of sunlight into the polyhouse/greenhouse when curtain is open. Minimum GSM should be 75. OR Use of 40mesh UV stabilized insect proof net is also recommended to protect direct entry of insects into the polyhouse/greenhouse. This should have minimum 100 GSM weight.
		The shade factor (opening) in colour shadenet depends on the spectrum of light through which light is passing through. So right kind of shadenet is major challenge that depends on grower's choice as well to take advice from the experts. The manually operated crank mechanism should be provided for expending and retracting the shadenet.
19	Polythnene	 Technical Specifications of polythene should be as per Indian standard (IS 15827: 2009) To select the proper film for poly-house is very important and which have direct relation with quality of the crop as well quantity of the produce. Polythene should be properly UV stabilized and pro rated warranted for at least three years. Thickness of polythene should be minimum 200 micron (0.2mm) Polythene quantity accommodate maximum 5.4 sq. meter area in its 1 Kilogram weight. (For example, 5.5m x 100 m polythene roll should have minimum weight of 5.5x100/5.4=101.85 Kg or 4.5m x 100m one raill should have minimum weight of 4.5x100/5.4- 83.33 Kg.). Options in green house film:
		Compulsory Properties: "UV stabilization *Dtffusion/Clear (Light Transmission) Optional Properties: "UV Blocking/Antivirus "Sulphur Resistant Thermic "Anti Drip "Anti Mist "Anti Dust Manufacturing Process: Three Layer/Five layer NHB also recommends (not mandatory) polythene with gas bubbles inside because in India high temperature is the problem in front of maximum growers Our crop wise recommendation of minimum properties of polythene is:



		1. Dutch Roses: 200 micron thick. UV Stabilized, UV Blocking (Not for bi color roses), anti dust, anti sulpher, with cooling effect. Light diffusion should be maximum (upto 75%) but it should not be less than 50%.
		2. Gerbera, Coloured Capsicum, Anthurium and orchids: 200 micron thick, UV Stabilized, anti dust, with cooling effect. Light diffusion should be maximum (upto 75%) but it should not be less than 50%
		3. Carnation: 200 micron thick, UV Stabilized, anti dust, with cooling effect. Where altitude is high polythene should be with IR protection.
20	Aluminum Profile/Poly fixing	• C type profile made from Alloy Aluminum should have - high strength with light weight (approx 220-250 gm/rmtrs), smooth edges, curve bottom proper for 1.25 to 3 pipes, Proper Channel for spring and suitable for double spring locking 0.9mm thick. Self Drilling Screw should be fixed on profile every 40 cm along the full length of the profile.
21	Spring Insert	• A plastic coated Gl wire spring of 2.2mm diameter, having good elasticity should be used for longer life that transferring less heat to the cladding materials as plastic films or shade net.
	,	• If we are using Gl spring it is better to use a two inch strip of new poly film to be placed over the main plastic in the profile and then lock it with Gl profile. This will help in longer life of the plastic as the rusted spring will not directly come in contact with the main plastic.
		All spring must end inside the profile. Any spring outside profile must be either fixed inside or should be cut so that it does not damage the plastic in strong wind as it will initiate all the plastic being pulled out of profile.
22	Air circulation by 'air circulating fans	• In hot and humid climate, when ambient temperature and humidity are in higher side, it is very natural that both these factors have a tendency to Increase further inside a greenhouse. Under such condition air-circulating fans' inside the greenhouse will do a good job to reduce the harmful effect of high humidity and temperature on plant. The increased airflow inside the plant canopy reduces the leaf temperature and disperses the high humidity around leaves, which maintain the transpiration pull of crop. This will work best when coupled with exhaust fans that will throw out the accumulated hot and humid air.
		• In cool climate, during winter when the greenhouse is heated, you need to maintain air circulation in such a way that temperature remains uniform throughout the greenhouse. Without air mixing fans, the warm air rises to top and cool air settles around the plants on the floor. During rainy season, when humidity is high and high ambient temperature cools down due to rain, this air circulating fans may be used judicially to disperse the higher humidity around plant canopy.
		• Small fans with a cubic-foot-per-minute (ft3/min) air-moving capacity of one quarter of the air volume of greenhouse are sufficient. Place the fans in diagonally opposite corners but out from ends and sides. The goal is to develop circular (oval) pattern of air movement. Operate fans continuously during required period of a day.

General Conditions:

- 1. Green house structural design should be sound enough to withstand wind speed of 130 km/hr.
- 2. The companies should be asked to get their structural design verified from the structural engineer because the proposed design is based on the functional requirements and field experience.
- 3. The firm should guarantee for free maintenance/damage to the structural material for ONE year.
- 4. The firm should be able to construct the entire green house within eight weeks of the issue of work order

B) FAN AND PAD CONTROLLED POLY HOUSE

Selection of Fan: The fans should deliver the required air at 15mm static pressure. The maximum centre to centre spacing between the two fans should be of 7.5m. The height of the fans is to be determined based on the plant

height which is proposed to be grown in the greenhouse. The fan blades and frame are to be made of non-corrosive materials like aluminium/stainless steel.

Design: The cross fluted cellulose pad is preferred. These are available mostly in 100mm thickness. One meter of pad height is given for every 20m of pad to fan distance. However, the fan to pad distance should not exceed 60m. The air flow rate should be of 75 cubic meter/minute/sq.m of pad. The water flow rate should be of 9 litres per minute/linear meter påd. The uniform distribution of water on pad is to be maintained.

Technical Standard of Fan and Pad cooling system Poly-house: with Fan pad/ fogging system

1	Size	As per requirement				
2	Shape	 Aero Dynamic along all four sides with curvature shaped hockey pipes of 48.0 mm OD G.I. Pipes with a view to reduce the impact of wind and consequent damage of Poly House Structure. Gutter Orientation - North South and may change according to wind direction. PAD should be in Wind direction and must have covered elevated balcony for shade. 				
3	Structure	 Hot Dip Galvanized Tubular Structure of BIS standards. Galvanization of structural members should not be less than 300 GSM (grams per square meters) 				
	Withstand to Wind Velocity	Km/hr or 36 MeterNote:- In case of	per second.	zones, structure sh	.6 miles per/hr or 130 wind withstand wind second.	
	Size of the structural	Members Name	Outside diameter (mm)	Thickness (mm)	Wt. per meter length (kg)	
	members	Columns	76	2	3.75	
		Top Purlins	70	2	3.70	
		Gutter Purlins		2		
		Top Arches of the truss		2		
		Bottom Chord of the truss Horizontal (GI pipe)		2		
		Top chords and trusses member		2		
		Internal Bracings of the truss Pipe structural members to be fitted in plated nuts, bolts and washers without welding		2		
		Coridors/Balconies		2		
		Curtain Runner	1	2		
		Flap control pipe		2	-	
		Curtain Shaft		2		
				2		
		Cross Bracing Not:- Welded pipes sh 8 m length.	ould not be used for		scept bottom pipe of	
	Columns	76 OD, 2mm thick				
	Purlin	48 mm OD/2.0 mm thic	k at ridge and 42/43	mm OD/2 mm thick	for centre	
	Trusses	Bottom horizontal 60 r 48 mm OD/ and 43 mm		G.I. Pipe, top chord	ls and truss members	
		Bracing 32 mm OD/1.8 mm thick G.I. Pipe structural members to be fitted in plated nuts, bolts and washers without welding.				
	Clamps and Nut Bolts	Well Compatible.GI Cl	amps < 120 GSM, 2	mm thickness.		
4	Grid Size	-8 m x 4 m (Ideal size),				
		- Size can be less depen				
5	Balcony and Corridor	OD/1.8mm thick horiz	2-meter-wide, vertical/curved pipe-60 mm OD/2 mm thick G.I Pipe with 32 mm OD/1.8mm thick horizontal Gl pipe as supporting pipe. Area covered by corridors should not be included while calculating the area under poly house.			
6	Foundation	Pit size should be madepending upon Ground	in. 450mm dia. De	pth 750 to 900mm	or suitably altered	



		structure even under extreme wind conditions. Columns are fitted over ground "Inserts" and bolted to Insert pipe of 60 mm OD/2mm thick G I Pipe. Length of Insert 1200 to 1300 mm. & filling the pit with 1:2:4 concrete hand mixed with appropriate Grade cement.
		Before doing the line out for the foundation, ensure that slope of greenhouse ground along the gable should be 0% to 1% and along gutter min. 1% and max. 3%. If slope of ground exceeds this limit then ask grower to do the land development and maintain the slopes of the ground within the limits. Slope along the gable and gutter should be uniform. If developed ground has filling depth more than 200 mm then ask grower to do the flooding of water over the ground so that it should settle down. If the flooding is not done then there are chances of foundation piercing into the ground after application of structural load even foundation may dislocate.
7	Gutter	should be made of Galvanized sheet of 2 mm thickness in trapezoidal shape having 500 mm wide perimeter (Preferably of single length without joint) Coil having 120 GSM Galvanization, It should be leak proof. Min. 1% slope required for the gutter. Assure uniform slope to gutter to avoid stagnant water in gutter to achieve maximum life of gutter. Gutter Orientation - North-south and may change according to wind direction.
	(a) Gutter Height	4 m to 4.5 m
	(b) Gutter	1 to 1.5% to be provided in civil structural work
	Slope	Ridge Height/Centre Height
	D'I	Minimum 5 to 6.5 meter.
	Ridge Height/Centre Height	Minimum 5 to 6.5 meter.
8	Fasteners	Cold Galvanized well compatible M6 to M10 bolts & nuts, 50 to 150 mm long with plain washers as per requirement and with the best quality plating to have good anti-corrosiveness.
9	Poly film	Technical Specifications of polythene should be as per Indian standard (IS 15827: 2009)
		To select the proper film for poly-house is very important and which have direct relation with quansty of the crop as well quantity of the produce. Polythene should be properly UV stabilized at least three years. Thickness of polythene should be minimum 200 micron (0.2mm). Options in green house film Compulsory Properties:
		*UV stabilization
		*Diffusion/Clear (Light Transmission)
		Optional Properties:
		*UV Blocking/Antivirus
		"Sulphur Resistant
		*Thermic
		"Anti Drip
		"Anti Mist
		*Anti Dust
		Manufacturing Process:
		Three Layer/Five layer
		·



		Our crop wise recommendation of minimum properties of polythene is:
		 Dutch Roses: 200 micron thick, UV Stabilized, UV Blocking (Not for bi color roses), anti dust, anti sulpher, with cooling effect. Light diffusion should be maximum (upto 75%) but it should not be less than 50%. Gerbera, Coloured Capsicum, Anthurium and orchids: 200 micron thick, UV Stabilized, anti dust, with cooling effect. Light diffusion should be maximum (upto 75%) but it should not be less than 50%. Carnation: 200 micron thick, UV Stabilized, anti dust, with cooling effect. Where
1.0		altitude is high polythene should be with IR protection.
10	Thermal net	30 to 50%, alluminate/thermal net as per requirement - Minimum 100 GSM -Power operated crank mechanism should be provided for expanding and retracting
		the shade net.
11	Poly fixing	C type profile made from Alloy Aluminum should have high strength with light weight-(approx 220-250 gm/rmtrs), smooth edges, curve bottom proper for 1.25" to 3" pipes, Proper Channel for spring and suitable for double spring locking 0.9mm thick. Self Drilling Screw should be fixed on profile every 40 cm along the full length of the profile.
12	Spring Insert	A plastic coated Gl wire spring of 2.2mm diameter, having good elasticity should be used for longer life that transferring less heat to the cladding materials as plastic films or shade net.
		If we are using Gl spring it is better to use a two inch strip of new poly film to be placed over the main plastic in the profile and then lock it with Gl profile. This will help in longer life of the plastic as the rusted spring will not directly come in contact with the main plastic.
		All spring must end inside the profile. Any spring outside profile must be either fixed inside or should be cut so that it does not damage the plac in strong wind as it will initiate all the plastic being pulled out of profile
13	Entrance	Double door entry, Doors should be made of form FRP Sheets or polycarbonate sheets. Opening and closing is either hinged or sliding. Min. width of door should be 1M and min height 2M. The door area should have 50 mm PCC Flooring over 75 mm thick sub base.
14	Civil Work	Wall on fan side will be 35 mm thick and 80 cm high and wall on pad side will be 23 cm thick & 100 cm high from ground level in cm 1:6 with required foundation. All the walls will be plastered in cm 1:4 on top and sides. 80cm to 1m-wide and 10 cm thick footpaths made of cement concrete ratio of 1:2:4 should be provided as per the requirements.
15	Electrical fittings:	Conduit and wiring as required for connecting light, fan motor and pumping to main electrical supplies. Preferably use copper wire to withstand the load of the electrical appliances of Indian standards.
16	Climate Control System	
A	Fan Pad System	Numbers of Fan depends upon size of Fan-fad house and it should be capable of exhausting air volume in one minutes.
		Exhaust Fans- 50" however it depends upon size of fan-pad house with louvers, 1.5 HP-3 phase ISI standard electric motor.
		Cellulose cooling pads of 1.8 meter height with 100mm/150 mm thickness covering the area properly, PVC water distribution system, screen/disc filter, valve and pumps etc.
		-Control panel with manual operation, temp. and humidity sensors. The necessary digital controller with sensory device & accessories of standard quality as per requirement should be provided to operate the fan & pad system for controlling temperature & humidity inside the Greenhouse.
В	Fogging System	In consist of four way anti leak fogger 28 Iph flow rate (working pressure should be mentioned at which we will be able to get required particle size, fogger spacing along the lateral and lateral spacing) and particle size 80-100 micron, 16 mm lateral class-3, PVC pipe 6kg/cm2, valves, filter, pump, panel with volt meter, MCB, relay, temp and



C) SPECIFICATION OF SHADE NET HOUSE

Sr No	ITEM	SPECIFICATION	
1	STRUCTURE		
	Size	According to requirement	
	Shape	As per design	
Withstand to wind velocity		Structure may be design to withstand wind velocity up to 104 Km/hr.	
		-120 Km/ Hour per hrs in high wind velocity zone.	
-	Main Column	2mm thickness GI Pipes compatible with columns, length 1.2m.	
	Purlins	Size 60 OD, Thickness 2 mm, Wt. per length 2.85 kg, length-4 m-Purlin Gl pipes- size 42/43 00/ thickness 2 mm, Wt. per length 2.00/2.10kg length- 4 m. Purlin members-33/32 mm OD/2mm thickness, Wt. per length 1.60 kg.	
	Comer	Size 48 OD Thickness 2 mm, Wt. per length 2.30 kg, length-0.15 m,	
	Four Way Pipe Couplers	Size 48 OD, Thickness 2 mm, Wt. per length 2.30 kg. length-0.15 m	
	Five Way Pipe Couplers	Size 48 OD, Wt. per length 2.30 kg. Thickness 2 mm, length-0.15	
	NuT Bolts	Size 3/8"	
9	Grid Size	4x4, 8x4, 4x6 (m)	
	Gable length	4.0 m.	
	Centre Height	Flat Structure-4m	
	Centre Treight	Hut/dome type structure Centre height 4m. Side height-2.5m.	
2	Aluminum Profile	C type Aluminum profile to fix shade net to the structure by means of self tapping screws. Weight of aluminum profile is 200-220 gm/meter. Self Drilling Screw should be fixed on profile every 40 cm along the full length of the profile	
3	Spring insert	A coated spring is preferable compared to cold galvanized spring as a coated spring transfer less heat to the plastic and thus enhances the life of the plastic	
		If we are using Gl spring it is better to use a two inch strip of new poly film to be placed over the main plastic in the profile and then lock it with Gl profile. This will help in longer life of the plastic as the rusted spring will not directly come in contact with the main plastic. Wire material should be high carbon spring steel with spring action	
4	Shade Net	UV stabilized, ranging from 30% to maximum 75% GSM shade depending upon the crop, made up of ISI/ applicable national standard, white/green/black/suitable colour.	
5	Door	Polycarbonate/polythene sheet door with 1 m widths and 2 m height and another door of 1 m x 2m Box section frame is embedded inside for the strength	
6	Anti Room	Anti room of size 4 m x 3 m attached to net house	
7	Civil work/foundation	Cement concrete 1:2:4 block of size 40 cm x 40 cm x 90 cm for embedding vertical poll/pipe of shade net, subject to revision as per requirement of site.	
8	Overall slope	1 to 1.5%	
	APRON	Use of APRON in shade net	

D) The specification/ requirement of Mulch film is as below:

• **Visual appearance:** The mulch film – polyethylene, uniform in color, texture and finish and free from pin-holes, tears, blisters and foreign particles



- Film form: Mulch film should be furnished in the form of flat roll/ folded film or in the form of flat tubing
- Color: The color of the mulh film should be black/ blue
- Odour: The mulch find should be free from objectionable odour
- **Dimensions:**
- Thickness: 25 micron
- Tolerance: 8%
- Width: 1202 mm
- **Impact Strength:**
- Drop height- 66 cm
- Tensile strength at break: Length wise (min)- 245.6 kgf/sq cm
- Cross wise(min)- 313.6 kgf/sq cm
- Elongation at break
 - ✓ Length wise (min)- 676.8 %
 - ✓ Cross wise (min)- 632.0
 - ✓ Coeficient of friction- 0.279
- Elmendorf tear strength

 - ✓ Machine direction(min)- gms/micron- 9.84
 ✓ Transverse direction(min)- gms/micron- 19 Transverse direction(min)- gms/micron- 19.6
 - ✓ Opacity- 99/95%
 - ✓ Tolerance- (-)0.05

NOTE: If any confusion is there regarding construction and maintenance, then NHB guidelines is to be followed.

Purchase Tax Invoice should also be submitted by Bidder to verify thickness of Mulch Film.

7. Evaluation and selection process

Terms for Evaluation of Bids: Prior to evaluation of Proposals, the BHDS will determine whether each Proposal is responsive to the requirements of the RfP. A Proposal shall be considered responsive only if:

- a) It is received in the specified format.
- b) It is received by the due date including any extension thereof.
- c) It contains all the information (complete in all respects) as requested in the RfP.
- d) It does not contain any conditions or qualification.
- e) It has paid Rs. 10,00,000/- (Rupees ten Lakh Only) as Earnest Money Deposit (EMD) and Document cost of Rs. 5000/- (Rupees Five Thousand Only) through online mode (NEFT/RTGS)
- f) It is not non-responsive in terms hereof.
- 7.1 Technical Evaluation: The Technical Proposals will be opened first and will be evaluated by the evaluation committee constituted at the society who shall look into Eligibility criteria, compliance of specifications and other Terms & conditions for empanelment. Only those bidders qualifying through the Technical Bid will be considered for financial evaluation.
- 7.2 Financial Evaluation: At the second stage, Financial Proposal of only technically acceptable agencies will be opened, for further evaluation. Rate of each component will be discovered on the basis of L1(LCBS). The agency who wish to work on L1 will be empaneled with the BHDS. All the companies willing to work on L1 rates will be allowed to work according to their capacity. All the work will be divided among all the interested companies accordingly.

8. Brief Description of the Empanelment Process

The process of empanelment of successful Bidder(s) would be as follows:

o In the first stage, evaluation will be done on the basis of the Eligibility Criteria, compliance of specifications and other Terms & conditions of tender.

o In the second stage, Financial Proposal of only technically acceptable agencies will be opened, for further evaluation. Rate of each component will be discovered on the basis of L1(LCBS). The agency who wish to work on L1 will be empaneled with the BHDS.

The evaluation committee may negotiate will the price of L1, if needed. This fixed price after approval of competent authority will be final and applicable to the whole state of Bihar under mentioned schemes.

O Agencies shortlisted for empanelment will be issued an empanelment letter and, the agency must submit its acceptance in written to BHDS.

- 9. Work allocation and Order quantity: The work will be allocated to the agency as per the farmer's choice of agency. Order quantity to each empaneled agency will depend on the farmer's choice of selecting agency for supply and installation of the Polyhouse, shade net and Mulch film
- 10. Payment: Payment against bill/invoice shall be done only after satisfactory completion of work and subject to verification by the officer designated for this work. The progress of work will be inspected by Assistant Director Horticulture of concerned districts when required. After satisfactory Inspection report from the Assistant Director Horticulture, the payment will be released. 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. Installation of the component and final satisfactory response of farmer will be considered as completion of work.
 - ✓ **50% payment-** after supply of materials
 - ✓ Final Payment- after installation of the materials
 - ✓ The payment will be released only after satisfactory response of the beneficiary.

It is to be noted that: Payment shall be made only after completion of the work and submission of request letter for payment to the Assistant Director Horticulture of concerned districts with invoice/ bill and GEO Tagged photographs. Farmers will deposit their contribution to company.

11. Force Majeure is added as below:

- ✓ For the purpose of this contract Force Majeure means an event which is beyond the reasonable control of the party.
- ✓ The terms "Force Majeure "as implied here in shall mean an act of God, War, Civil Riots, Fire directly affecting the performance of the contract, Acts and regulations of respective government of two parties, namely the organization and contractor. Both upon the occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid, shall within seventy two hours of the alleged beginning and ending thereof intimate the other party giving full particulars and satisfactory evidence in support of its claim.
- ✓ If deliveries are suspended by Force Majeure conditions lasting for more than 2(Two) months, the organization shall have the option of cancelling, this contract in whole or part as its discretion without any liability in its part. Force Majeure shall not include insufficiency of funds and inability to make any payment required here under.
- 12. **Dispute Resolution:** The High Court at Patna shall have exclusive jurisdiction over all disputes arising under, pursuant to and/or in connection with the selection of firm/company/organization.
- 13. **Jurisdiction of court:** In the court of Patna jurisdiction shall alone have an exclusive jurisdiction to decide any difference, dispute, claim for and against the Mission Director, Bihar Horticulture Development Society, Patna. The undersigned reserves right to reject whole or part of any or all the RfP without assigning any reason.

14. Contract agreement

The successful bidder will have to execute contract agreement after the issuance of LOI or work order. A tri-partite agreement would be made mandatory for functional working of

supply and installation of any component mentioned in Tender between concerned Assistant Director Horticulture of concerned district, farmer/Applicant and firm.



Technical Proposal

(Forwarding Letter on firm letter head)

To,

The Mission Director,Bihar Horticulture Development Society,
2nd floor, Krishi Bhawan,
Mithapur, Patna-800001

Subject: E-Tender for empanelment for Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar.

Sir,

In accordance with the terms & conditions of the bid Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar:

I/We submit the **Technical Proposal** containing the following documents:

- 1. Authority Letter (Annexure I)
- 2. Proposer/Bidder Information Sheet (Details of firm) (Annexure II)
- 3. Details of Earnest Money Deposit through online mode (NEFT/RTGS/CHALAN) (Annexure III)
- 4. Details of **Proposal Document cost** through online mode (NEFT/RTGS/CHALAN) (Annexure IV)
- 5. Submission of Affidavit that the firm has not been blacklisted by any Union or State Government in any matter (Annexure V)
- 6. GST Registration Certificate & GST return Filing
- 7. Copy of PAN Card and IT return
- 8. Copy of PAN Card
- 9. ISO Certificate
- 10. **Work Orders/MoU/Completion Letter** along with payment proof Proof document regarding working experience of working on three assignments in the last three years FY (24-25), (23-24), FY (22-23) in supplying of above mentioned Items. (Annexure VIII)

(Kindly highlight the payment details in the payment proof documents against each work order.

- 11. CA certified Balance sheet and Profit & Loss Account (with UDIN)
- 12. Catalogue/Price list/Literature (Optional).
- 13. Turnover of the Firm attested by CA with UDIN.(Annexure VII)
- 14. Affidavit Towards RELATED PARTY DISCLOSURE (Technical Proposal)- Annexure IX
- 15. Certificate showing turnover with GST rate wise bifurcation of the year in which supply of honey Extractor/food Grade Container is done. Annexure X

Further, it is certified that the information furnished in this Bid 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 Bid document.

		Signature of Authorized Signatory
		Name
	A	Designation
Seal of the firm		Dated :

Annexure I - Authority letter

(On the letter head of the bidder)

AUTHORITY LETTER

M/S	
bidder) is working with/on behalf of our firm as our authorize Bihar.	(Name & address with telephone no. of ed representative/ dealer for the State of
He/ She is authorized to submit, collect & correct all Bid/quo	otation/project documents on behalf of firm
	Signature of Authorized Signatory
	Name
	Designation
Seal of the firm	
Dated	

Annexure II - Bidder information sheet

1. Name of the item.	
2. (a) Name & Address of the firm/ authorized dealer,	
(b) Office address of the firm/ authorized dealer in the st	ate of Bihar.
Telephone No. :	
3. (a) GSTIN Registration No. :	
(b) Income Tax PAN No.:	
4. Address with telephone no./e-mail/web address where Manufacturing Unit is situated	
Certified that above information is correct.	
	Signature of Authorized Signatory
	Name
	Designation
Seal of the firm	Dated

Annexure III - Details of EMD

DETAILS OF EARNEST MONEY THROUGH ONLINE MODE

Earnest money through online mode as per details below is enclosed for the purpose of bid for "empanelment for Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar"

NEFT/RTGS/CHALAN No	
Name of the bank	
Branch	
Dated	
Amount (In figures &words)	
	Signature of Authorized Signatory
	Name
	Designation
Seal of the firm	
Dated	

Annexure IV -- Details of Tender Document Cost

DETAILS OF TENDER DOCUMENT COST THROUGH ONLINE MODE

Bid document cost as per details below is enclosed for the purpo	se
NEFT/RTGS	
Name of the bank	
Branch	
Dated	
Amount (In figures & words)	
	Signature of Authorized Signatory
	Name
	Designation
Seal of the firm	
Dated	



Annexure V - Affidavit Towards Blacklisting

Agency should submit affidavit towards blacklisting on Non-Judicial Stamp Paper of Rs.- 1000/- duly attested by the Notary Public

(Through Notary Public on Non-Judicial stamp paper of Rs. 1000.00)

- Bidders shall not be under any declaration of ineligibility for corrupt and fraudulent practices issued by any State Government/GOI/ Union territory.
- The Bidders shall not be blacklisted by any State Government/GOI/Union Territory/State and Central Educational Institutes etc. during last 5 years at the time of submission of tender bid for any item or by any reason.
- d by

Our firm will complete the work as per the te BHDS, Bihar, Patna.	chnical specification required, in specified time decided
	Signature of Authorized Signatory
	Name
	Designation
Seal of the firm	
Dated	



Annexure VI - Financial Proposal

(On the letter head of the bidder)

Name of Firm:

Address:

Phone no/Mobile no:

To,

The Mission Director,
Bihar Horticulture Development Society,
2nd floor, Krishi Bhawan,
Mithapur, Patna-800001

Subject: Financial Proposal: Selection of agency for "empanelment for Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar"

Sir,

In accordance with the terms & conditions of the bid "empanelment for Supply and Installation of Poly House, Shade Net and Mulch Film in 2025-26 in the State of Bihar"our financial quote for the assignment is as below:

Sl. No.	Name of the Item	Unit cost (INR)	GST and other tax (if applicable)	Rate including GST in Rs (In figures & words both)
1	Poly house (as per the specification prescribed in tender)			
2	Shade net (as per the specification prescribed in tender)			
3	Mulch Film (as per the specification prescribed in tender)			

- Rate of each component will be discovered on the basis of L1. The agency who wish to work on L1 will be empaneled with the BHDS.
- The validity of rates quoted will be for 3 (three) years.
- No claim will be entertained afterwards for any increase in market price or otherwise.
- The rates should be quoted in Indian Rupees only, for each item separately, both in figures and words.
- Financial Quote should strictly be filled in the BoQ (excel sheet format) of the eproc2. Any scanned upload of financial format may cause rejection of financial Bid.
- The rates should include all taxes and transportation cost in supplying and installing at destination in concerned Districts in Bihar. Only one price should be quoted for above mentioned items. Multiple prices for above mentioned items will not be entertained.

Signature of Authorized Signatory Name Designation

Dated		
Seal of the	firm	

TURNOVER OF THE FIRM

Certificate for selection of agency for "Empanelment and fixation of rate for supply/installation of Poly House, Shade Net and Mulch Film for FY 2025-26 in the State of Bihar.

S. No.	Financial Year	Annual Turnover of the firm
1	FY 23-24	
2	FY 22-23	•
3.	FY 21-22	
Avera	age Annual Turnover	

Seal of the CA:

Signature of Authorized Signatory

Name

Designation

UDIN:

Seal of the firm

Dated.....

X

EXPERIENCE OF THE FIRM

Sr. No	Work Order Name	Date Work Order Issued	Name of the Agency which has issued Work Order	Order Value	Document Submitted (Yes/No)		
					Work/Supply Order	Invoice/Bill Voucher	Highlighted Payment Proof
*			Ψ.				*
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	2 2 2			2			

Signature of Authorized Signatory Name

Designation

Seal of the firm Dated.....

A

Annexure - IX

Certificate Towards RELATED PARTY DISCLOSURE (Technical Proposal)

The Bidder
AND
The Bidder
And
The Bidder
Name of the CA: Seal of the CA:
Signature of Authorized Signatory Name Designation UDIN:
Seal of the firm
Dated

Annexure – X

TURNOVER OF THE FIRM RATE WISE in FY

 $Tender\ for\ the\ empanelment\ of\ agencies\ for\ fixation\ of\ rate\ for\ supply/installation\ of\ Poly\ House,\ Shade\ Net\ and\ Mulch\ Film\ for\ FY\ 2025-26\ in\ the\ State\ of\ Bihar$

S. No.	F.Y	Rates	Taxable Amount	IGST	CGST	SGST
1.	2023-24	0%				
		1% for				
2		Composition				
		Payer				
3		5%				
4		12%				
5		18%				
6		28%				
7		Others			*	
		TOTAL				

Dated.....

Annexure XI

Conforming to BIS Standard (Mulch)

(On the letter head of the bidder)

Agency should submit self-certified document as below as annexure XI.
Signature of Authorized Signatory Name Designation Seal of the firm Dated

Note: The annexure XI is required for only those agencies who wish to get empaneled for Mulch film.

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