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No.B.13014/122/2024-DTE(HORT-PLN-RKVY)  
**GOVERNMENT OF MIZORAM**  
**DIRECTORATE OF HORTICULTURE**  
**MIZORAM:AIZAWL**



*Dated Aizawl the 6<sup>th</sup> November, 2024*

**SEALED TENDER NOTICE**

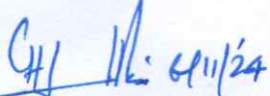
**No.B.13014/122/2024-DTE(HORT-PLN-RKVY):** Sealed tender is hereby invited from Bonafide Manufacturer or through Authorized Dealer/ Agent for supply & Installation of Greenhouse under RKVY-DPR, 2023-2024. Last date for submission of tender is fixed on **5.12.24** upto **12:00 Noon** and will be opened on the same day at **1:00 PM** in the Committee Room, Directorate of Horticulture, Aizawl.

The sealed tender should be dropped in the tender box placed at PA room of Director of Horticulture, Directorate of Horticulture, Aizawl. Details can be obtained from Planning Section, Directorate of Horticulture, Aizawl during Office hours on all working days and the same may be seen and downloaded from the department website:  
<https://horticulture.mizoram.gov.in>

Sd/- **C.H. LALMUANPUIA**  
*Director of Horticulture*  
*Aizawl : Mizoram*

MemoNo.B.13014/122/2024-DTE(HORT-PLN-RKVY)/ : Dated Aizawl, 6<sup>th</sup> Nov. 2024  
Copy to:-

1. P.P.S to Spl. Secretary, Horticulture Department for information.
2. Director, I & PR Department, Govt. of Mizoram, for information with a request to publish the Tender Notice in 2(two) local daily Newspaper for 3 (three) consecutive days. 20(twenty) spare copies of Tender Notice are hereby attached.
3. Website Manager, Directorate of Horticulture with a request to publish in Department website.
4. Notice Board.
5. Guard File.
6. Office Order Book.

  
**(C.H. LALMUANPUIA)**  
*Director of Horticulture*  
*Aizawl : Mizoram*

*MK*  
*6/11*

**Proforma for Submission for Supply and Installation of Green House under RKVY-DPR**

To,

The Director of Horticulture  
Mizoram, Aizawl

Subject:- Submission of proposal/application against Open Tender Notice for Supply and Installation of Green House under RKVY-DPR vide No. .... Dt. ...., 2024.

Sir/Madam,

I/We have carefully examined and read the Open Tender Notice for supply and installation of green house under RKVY-DPR 2023-2024 and all other documents attached regarding Open Tender Notice vide No. .... Dt. .... Oct., 2024. I/We hereby submit our application/proposal for **Supply and Installation of Green House under RKVY-DPR according** to the terms and conditions mentioned therein.

I/We certify that I/We have carefully read each and every terms and conditions and Technical specification, composition etc. given in this Tender Documents and understood the same, and I/We confirm our acceptance of the same.

I/We further certify that I/We have suppressed no fact in the application/proposal which could debar me to participate into the Open Tender. If it is revealed after opening of the application/proposal that any fact is suppressed by me, Tender authority shall have the right to reject my application/ proposal.

I/We also hereby declare that I am not blacklisted by any Department/ Agency of Central or State regarding quality compromise or any other reason connection with similar work and there is no ongoing litigation with any Department/ Agency of Central/ State Government as on closing date of Tender. If subsequently it is revealed after opening of Tender concerned application/ proposal will be cancelled and other penalty to be decided by the Tendering authority will be imposed.

Dated : .....

Yours faithfully,

Place : .....

Signature .....  
Name in full.....  
Name of Firm .....  
Address .....



## TERMS AND CONDITIONS FOR SUPPLY AND INSTALLATION OF GREEN HOUSE UNDER RKVY-DPR, 2023-2024


1. Tender should be submitted in two bid envelope system mentioning Bidder's Name and Address on the envelopes. The envelopes should be superscripted "**Technical Bid**" and "**Financial Bid**" as the case may be. The envelopes are to be put in a separate large sealed envelope superscripted as below:

### "Supply and Installation of Green House under RKVY-DPR"

2. The Sealed Quotation should be addressed to:  

**Director of Horticulture,  
Mizoram, Aizawl**
3. Bids are invited for **Supply and Installation of Green House**, detailed Technical Specifications of which can be seen in ANNEXURE -I.
4. Total amount of fund earmarked for procurement of Green House is **Rs. 94.392 lakh** approximately. This may vary depending on availability of fund under various schemes implemented by Horticulture Department. Further, the fund provision may also increase depending on release of fund from Govt. of India under RKVY- DPR 2024-2025 or any other sources and additional quantities may be ordered/ procured depending on the availability of fund.
5. The agency/firm should preferably have at least 3 (three) years experience in manufacturing, supply and installation of Green Houses.
6. The firms should be authorized distributor/dealer/agent of the manufacturing company and this should be supported by photocopy of certificates duly attested.
7. The manufacturing company of the firm (s) should have valid BIS license and this must be supported by relevant documents duly attested.
8. Authorized distributor/dealer/agent must have valid GST provisional ID which must be supported by relevant document(s) and duly attested.
9. Proposal must be accompanied by manufacturing company brochure and drawing of Green Houses and its specification.
10. The "**Technical Bid**" should be accompanied by Earnest Money / Bid Security of **2.5% (Rs. 2,35,980/-)** of the tender amount and should be submitted by Bank Draft/Bankers' Cheque in favour of Director of Horticulture, Government of Mizoram, Aizawl failing which the tender will not be entertained. Release of the same may be done by the Department as per rule.
11. Successful tenderer if awarded contract/supply order should deposit performance security of five per cent of the contract/supply order amount, exact amount of which shall be mentioned in the contract/supply/work order. The performance security will be liable to be forfeited if the successful tenderer withdraws/ deviate from the tender in any respect.
12. The "**Technical Bid**" should be accompanied by samples. Any Sample, Brochure, drawing (s) submitted by the Tenderer cannot be claimed back even if not selected. Sample (s) should bear the Name of Firm / Dealer/ Agent and Contact No. of the Tenderer.

13. Only the “*Financial Bid*” of tenderer who are technically qualified will be opened.
14. Once the rate is fixed by the Government, application for revision of rate on account of price escalation vice versa shall not be entertained as long as Govt. approved rate remains valid.
15. Submission of proposal of Tender through e-mail/telefax will not be accepted. The Authority will not be responsible for postal/courier delays. The parties must ensure receipt of application well in time.
16. Rates of each item should be quoted separately inclusive of all taxes and charges both in figure and in words. Any overwriting should be clearly initialed by the quotationer (s) with date.
17. From among the Tender received, selection will be made by the Government or competent Authority taking into account all their suitability, brand, specification, experience etc. depending on the item, price, expertise, experience etc.
18. No advance payment will be made for the supply and installation of Green house etc.
19. The application documents, Terms and Conditions of the Tender may be obtained from Planning, 1<sup>st</sup> Floor, Directorate of Horticulture, Aizawl on all working days during office hours.
20. Firms having past experience in working with Horticulture or Agriculture Department of any State/Union should attach proof of documents duly attested.
21. Non compliances of any of the Tender Terms and Conditions will summarily result in rejection of the application/ proposal.
22. Information regarding litigation, exertions and blacklisting, if any, shall be submitted with details to enable evaluation by the Committee.
23. In the event that any dispute or differences arises between two or more firms or agency, the Department will have no involvement whatsoever. However, in case of differences or dispute by a firm or firms against the Department, the matter may be settled through mutual and amicable discussions. Only if such differences cannot be resolved through dialogue, the matter may then be resolved through the court of law of the State of Mizoram jurisdiction only.
24. The undersigned reserves the right to accept or reject or cancel the tender fully or partly including the lowest one without assigning any reason and also reserves the right to distribute the works to more than one supplier, if considered necessary. The Department does not bestow upon the successful Tender the right for supply of any item (s).
25. Last date of submission of Tender is fixed on or before 5.12.2024 upto 12:00 Noon and open on the same day at 1:00 PM at the Committee Room, Directorate of Horticulture.
26. The Tenderer(s) or his/her representative may be present at the time of opening of the tender if he/she desires.

  
(C.H LALMUANPUIA)  
Director of Horticulture  
Mizoram, Aizawl

**“Technical Bid”**  
**FOR SUPPLY AND INSTALLATION OF GREEN HOUSE UNDER**  
**RKVY-DPR 2023-2024**

(Attested copies to be submitted wherever relevant)

1. Name of Applicant :
2. Address of Applicant :
3. Contact No. :
4. Name of Firm/Agency :
5. Address of Firm/Agency :
6. Name of Manufacturer :
7. Detail address of Manufacturer :
8. Website of Manufacturer :
9. e- mail ID :
10. Local Agent/Office at Mizoram :  
(for applicant from outside Mizoram)
11. Authorization/Dealership Certificate : Yes/No  
From Manufacturing Company  
(copy enclosed)
12. Valid BIS License No. : i) Yes/No  
of Manufacturing Company (Enclosed) ii) ID No. ....
13. GST Provisional ID : i) Yes/No  
(Enclosed) ii) ID No. ....
14. Manufacturing Company product : Yes/No  
Brochure enclosed
15. Earnest Money Deposit in the form : Yes /No  
of Demand Draft / Bankers' cheque
16. Amount of Earnest Money Deposit (EMD) : Rs. ....

17. Agree to supply all the required materials as per : Yes /No

Technical Specifications issued by the Department  
of Horticulture and enclosed in *Annexure-I*

18. Experience enclosed : Yes/No

19. Drawing of Green House and : Yes/No

Specification enclosed

20. Whether sample submitted : Yes /No  
(Sample checklist in *Annexure-I*)

Dated .....

Signature .....

Name in full .....

Seal .....



**“Financial Bid”**  
**FOR SUPPLY AND INSTALLATION OF GREEN HOUSE UNDER RKVY-DPR 2023-2024**

- i) Name of Dealer/ Agency/ Firm : .....
- ii) Address : .....
- iii) Name of the Manufacturer : .....
- iv) Address of Manufacturer : .....

**I. TUBULAR STRUCTURE GREEN HOUSE**

Sl. No.	Item	Description/ Specification	Quoted Rate inclusive of all taxes & other charges f.o.r destination (Rs.)
1	Product	Naturally Ventilated Greenhouse	a) Aizawl district : Rs..... (Rupees.....)
2	Size	100 m <sup>2</sup> = 20m x 5m	b) Lunglei district : Rs..... (Rupees.....)
3	Ridge height	4.00 m	c) Siaha district : Rs. .... (Rupees.....)
4	Gutter height	2.5 m from floor area	d) Lawngtlai district : Rs. .... (Rupees.....)
5	Gutter slope	2% slope need be provided in civil foundation work/ structure	e) Serchhip district : Rs. .... (Rupees.....)
6	Gutter material	20 gauge or 1mm thick GI sheet with perimeter of 500 mm or more preferably of single length without joint.	
7	Structural design	The structural design need to be sound enough to withstand wind speed minimum 150 Km/ hr and minimum load of 25 Kg/m <sup>2</sup> .	
8	Structure	Complete structure made of galvanized steel tubular pipes or equivalent section conforming Indian standards having wall thickness 2mm, structural member should be joined with fasteners properly.	

<b>Columns</b>	48/42 mm OD, 2mm thick	<b>f) Khawzawl district: Rs.</b> ..... (Rupees.....)
<b>Trusses</b>	Bottom & top cord 42 mm OD, 2 mm thick	
<b>Trusses member &amp; purlin</b>	33 mm OD, 2 mm thick	<b>g) Kolasib district: Rs.</b> ..... (Rupees.....)
<b>Purlin member &amp; others</b>	25 mm, 2 mm thick	
<b>Foundations</b>	Insert GI pipes of minimum 42 mm OD or more to have foundation depth of 48 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.	<b>h) Mamit district: Rs.</b> ..... (Rupees.....)
<b>Fasteners</b>	All nuts & bolts must be of high tensile strength and galvanized.	<b>i) Hnahthial district : Rs.</b> ..... (Rupees.....)
<b>9 Door</b>	Two hinge doors of size 2 m width & 2.5 m height double leaf made in plastic/ FRP sheets mounted in suitable strong frame.	<b>j) Saitual district : Rs.</b> ..... (Rupees.....)
<b>10 Cladding material</b>	UV stabilized 200 micron transparent plastics films conforming Indian Standards IS 15827: 2019 multilayered and drip anti fog, anti sulphur diffused clear and having anti sulphur diffused, clear and having minimum 85% level of light transmitted	<b>k) Champhai district :Rs.</b> ..... (Rupees.....)
<b>11 Fixing and cladding materials</b>	All end joints of plastic film need to be fixed with two aluminum profiles with suitable locking arrangement along with curtain top. Wooden batons pr PVC grippers need not be used.	
<b>12 Spring Insert</b>	Zigzag high carbon steel with spring action wire of 2-3 mm diameter must be inserted to fix cladding materials into Aluminum profile.	
<b>13 Curtains and insect screen</b>	UV stabilized insect proof net of 40 mesh nylon, 2 m width along the sides.	
<b>14 Curtain wall/</b>	1m width of UV stabilized 200 micron transparent	



	<b>Apron</b>	plastic films conforming Indian standard (IS 15827 : 2019) multilayered, anti-drip, anti-fog, anti-sulphur, diffused, clear and having minimum 85% level of light transmittance.
<b>15</b>	<b>Testing</b>	All plastic materials used in the greenhouse should be tested by the CIPET for quality assurance and this should be supported by relevant document.
After sales services (The firm should provide)		
<b>16</b>	<b>Warranty and Guaranty</b>	Free maintenance for one year from the date of installation

Dated .....

Signature .....

Name .....

Seal .....



*Annexure-I*

**PRODUCT SPECIFICATION DETAILS AND SUBMITTED SAMPLE  
CHECKLIST FOR SUPPLY AND INSTALLATION OF GREEN HOUSE  
UNDER RKVY-DPR, 2023 – 2024**

**I. SUPPLY AND INSTALLATION OF GREEN HOUSE**

Sl. No.	Item	Description/ Specification as per requirement	Sample Submitted (✓ or X)
1	Product	Naturally Ventilated Greenhouse	
2	Size	100 m <sup>2</sup> = 20m x 5m	
3	Ridge height	4.00 m	
4	Gutter height	2.5 m from floor area	
5	Gutter slope	2% slope need be provided in civil foundation work/ structure	
6	Gutter material	20 gauge or 1mm thick GI sheet with perimeter of 500 mm or more preferably of single length without joint.	
7	Structural design	The structural design need to be sound enough to withstand wind speed minimum 150 Km/ hr and minimum load of 25 Kg/m <sup>2</sup> .	
8	Structure	Complete structure made of galvanized steel tubular pipes or equivalent section conforming Indian standards having wall thickness 2mm, structural member should be joined with fasteners properly.	
	Columns	48/42 mm OD, 2mm thick	
	Trusses	Bottom & top cord 42 mm OD, 2 mm thick	
	Trusses member & purlin	33 mm OD, 2 mm thick	
	Purlin member & others	25 mm, 2 mm thick	
	Foundations	Insert GI pipes of minimum 42 mm OD or more to have foundation depth of 48 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 must be of high tensile strength and galvanized.	
9	Door	Two hinge doors of size 2 m width & 2.5 m height double leaf made in plastic/ FRP sheets mounted in suitable strong frame.	
10	Cladding material	UV stabilized 200 micron transparent plastics films conforming Indian Standards IS 15827: 2009 multilayered and drip anti fog, anti sulphur diffused clear and having anti sulphur diffused, clear and having minimum 85% level of light transmitted	
11	Fixing and cladding materials	All end joints of plastic film need to be fixed with two aluminum profiles with suitable locking arrangement along with curtain top. Wooden batons pr PVC grippers need not be used.	

12	Spring Insert	Zigzag high carbon steel with spring action wire of 2-3 mm diameter must be inserted to fix cladding materials into Aluminum profile.	
13	Curtains and insect screen	UV stabilized insect proof net of 40 mesh nylon, 2 m width along the sides.	
14	Curtain wall/ Apron	1m width of UV stabilized 200 micron transparent plastic films conforming Indian standard (IS 15827 : 2009) multilayered, anti-drip, anti-fog, anti-sulphur, diffused, clear and having minimum 85% level of light transmittance.	
15	Testing	All plastic materials used in the greenhouse should be tested by the CIPET for quality assurance and this should be supported by relevant document.	
<b>After sales services (The firm should provide)</b>			
16	Warranty and Guaranty	Free maintenance for one year from the date of installation	

Dated .....

Signature .....

Name .....

Seal .....

