

**GOVERNMENT OF MIZORAM
HORTICULTURE DEPARTMENT
MIZORAM:AIZAWL**

Dated Aizawl, the 23rd September, 2021

TENDER NOTICE

NoB.13016/34/2014-HORT/pt: Horticulture Department, Govt. of Mizoram, under the CSS Mission for Integrated Development of Horticulture (MIDH) invites Open Tender proposals from Manufacturers or its authorized dealer or agents for Supply and installation of Green House and or Green House Spare parts/Accessories under MIDH 2020-2021 for the State of Mizoram. No.E-mail will be entertained for submission of proposals in this regard. Last date for receipt of Application is 29.10.2021 upto 2:00 PM. The details and application form is available at the website <https://horticulture.mizoram.gov.in> and can be obtained from Fruit Section, Directorate of Horticulture during office hour on all working days.

Sd/-J.C. RAMTHANGA

Addl. Chief Secretary to the Govt. of Mizoram
Horticulture Department

Memo No.B.13016/34/2014-HORT/pt : Dated Aizawl, the 23rd September, 2021

Copy to:-

1. P.S to the Hon'ble Chief Minister i/c, Horticulture Department for favour of kind information and necessary action.
2. P.S to Addl. Chief Secretary, Horticulture Department for favour of kind information and necessary action.
3. Director, Horticulture Department for information and necessary action.
4. Director, I&PR, Mizoram, Aizawl for information with a request to publish the Tender Notice in 3 (three) Local Daily Newspapers for 3 (three) consecutive days. 20 spare copies are hereby attached. He is requested to refer the bills to the Director of Horticulture, Govt. of Mizoram for payment after duly certified.
5. Chief Informatics Officer, ICT Department, Mizoram Aizawl with a request to upload in the Government Website.
6. Guard File


(LALNUNPUII RALTE)

Under Secretary to the Govt. of Mizoram
Horticulture Department.

Proforma for Submission for Supply and Installation of Green House and or Green House Spare Parts/Accessories under MIDH 2020-2021

To,

The Director of Horticulture
&
Mission Director, MIDH
Mizoram, Aizawl

Subject:- Submission of proposal/application against Open Tender Notice for Supply and installation of Green House and or Green House Spare Parts/ Accessories under MIDH 2020-2021 vide No. B.13016/34/2014-HORT/pt Dt. 23rd September, 2021.

Sir/Madam,

I/We have carefully examined and read the Open Tender Notice for supply and installation of green house & spare parts accessories etc. under MIDH 2020-2021 and all other documents attached regarding Open Tender Notice vide No. B.13016/34/2014-HORT/pt Dt. 23rd September, 2021. I/We hereby submit our application/proposal for **Submission for Supply and Installation of Green House and or Green House Spare Parts/Accessories under MIDH 2020-2021** 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 hereby also 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 :

Place :

Yours faithfully,

Signature

Name in full.....

Designation of
the authorized Signatory

Name of Firm

Address

**TERMS AND CONDITIONS FOR SUPPLY AND INSTALLATION OF
GREEN HOUSE & SPARE PARTS ACCESSORIES UNDER MIDH
2020-2021**

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

**"Supply and Installation of Green House & Spare Parts Accessories under
MIDH 2020-2021"**

2. The Sealed Quotation should be addressed to:

**Director of Horticulture,
Mizoram, Aizawl**

3. Bids are invited for **Supply and Installation of Green House & Spare Parts Accessories**, detailed Technical Specifications of which can be seen in the **Tender Form-I**.
4. Total amount of fund earmarked for procurement of Green House and spare parts accessories is Rs. 818.74 lakh approximately ie.,
 - i. **Supply and Installation of Green House - Rs. 731.80 lakhs approx.**
 - ii. **Supply of Green House Spare Parts Accessories – Rs. 86.94 lakhs approx.**

This may vary depending on availability of fund under various schemes implemented by Horticulture Department.

5. The agency/firm should preferably have atleast 3 (three) years experience in manufacturing, supply and installation of Green Houses and its spare parts and accessories.
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 3D drawing of Green Houses and its specification.
10. The "**Technical Bid**" should be accompanied by Earnest Money / Bid Security of two percent (2%) 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. The amount of the Earnest Money / Bid Security to be submitted is as-

Earnest Money / Bid Security	Amount (Rs.)
1. Supply and Installation of Green House & Spare Parts Accessories	16.38 lakhs
2. Supply and Installation of Green House only	14.64 lakhs
3. Supply of Green House Spare Parts Accessories only	1.74 lakhs

Release of the same may be done as per rule by the Department.

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.
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 and Contact No. of the Tenderer.
13. Once the rate is fixed, application for revision of rate on account of price escalation vice versa shall not be entertained as long as Govt. approved rate remains valid.
14. Submission of proposal of Tender through e-mail/telefax will not be accepted. The Authority will not be responsible for postal/carrier delays. The parties must ensure receipt of application well in time.
15. 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 initiated by the quotationer(s) with date.
16. 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.
17. The application documents, Terms and Conditions of the Tender may be obtained from Fruit Section, 5th Floor, Directorate of Horticulture, Aizawl on all working days during office hours.
18. Firms having past experience in working with Horticulture or Agriculture Department of any State/Union Government for supply and installation of Green House and spare parts and its accessories etc. will be preferred. (Attached proof of documents duly attested).
19. Non compliances of any of the Tender Terms and Conditions will summarily results in rejection of the application/ proposal.
20. Information regarding litigation, exertions and blacklisting, if any, shall be submitted with details to enable evaluation by the Committee.

21. 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.
22. 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).
23. Last date of submission of Tender is fixed on or before 29.10.2021 upto 2:00 pm and open on the same day at 3:00 pm
24. The Tenderer(s) or his/her representative may be present at the time of opening of the tender if he/she desires.

Sd/-
Addl. Chief Secretary to the Govt. of Mizoram
Horticulture Department

TENDER FORM – I
“Technical Bid”
SUBMISSION FOR SUPPLY AND INSTALLATION OF GREEN
HOUSE AND OR GREEN HOUSE SPARE PARTS/ACCESSORIES
UNDER MIDH 2020-2021

(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. 3D drawing of Green House and Specification enclosed : Yes/No
20. Whether sample submitted : Yes /No
(Sample checklist in *Annexure-I*)

Dated

Signature

Name in full

Seal

**PRODUCT SPECIFICATION DETAILS AND SUBMITTED SAMPLE
CHECKLIST FOR SUPPLY AND INSTALLATION OF GREEN HOUSE
AND OR GREEN HOUSE SPARE PARTS/ACCESSORIES UNDER
MIDH 2020-2021**

I. SUPPLY AND INSTALLATION OF GREEN HOUSE

Sl. No.	Item	Description/ Specification as per requirement	Sample Submitted (✓ or ×)
1	Product	Naturally Ventilated Greenhouse	
2	Size	100 m ² = 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 ² .	
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.	
After sales services (The firm should provide)			
16	Warranty and Guaranty	Free maintenance for one year from the date of installation	
17	Training	Free training for operation, maintenance & production for one year.	

II. GREEN HOUSE SPARE PARTS/ACCESSORIES

Sl. No.	Item	Unit	Description/ Specification as per requirement	Sample Submitted (✓ or ×)
1	200 micron Diffused UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
2	200 micron Clear UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	

3	100 micron Diffused UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
4	100 micron Clear UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
5	GI Profile	RM	4m	
6	Aluminum Profile	RM	4m	
7	GI zig-zag Spring	RM	1.5m	
8	SDS Profile Screws	Nos.	8mm	
9	UV Stablised Yarn	Kg.	1Kg	
10	Shadenet 35%	Sqm.	Width-4m Length-25/50/100m	
11	Shadenet 50%	Sqm.	Width-4m Length-25/50/100m	
12	Shadenet 75%	Sqm.	Width-4m Length-25/50/100m	
13	Insect-proof net	Sqm.	40 mesh size Width-1.5/3m Length-50/100m	
14	Gutter G.I	RM	Length-4m Width-30cm	
15	UV Film Repair Tape	Roll	Thickness-200 micron Width-7cm Length-25m	
16	100 micron Mulch film (Black Cover)	Sqm.	Thickness-100 micron Width-1.5 m Length-25/50/100 m	
17	Weed Mat/ Ground cover-120 GSM (Black cover)	Sqm	120 GSM Width-1.2/1.5m Length-50/100m	

TENDER FORM –II
“Financial Bid”

SUBMISSION FOR SUPPLY AND INSTALLATION OF GREEN HOUSE AND OR GREEN HOUSE SPARE PARTS/ACCESSORIES UNDER MIDH 2020-2021

- 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	1. With Installation a) Aizawl b) Lunglei..... c) Siaha d) Lawngtlai e) Serchhip f) Khawzawl g) Kolasib h) Mamit
2	Size	100 m ² = 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 ² .	

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.	i) Hnahthial j) Saitual k) Champhai 2. Without installation a) Aizawl b) Lunglei c) Siaha d) Lawngtlai e) Serchhip f) Khawzawl g) Kolasib h) Mamit i) Hnahthial j) Saitual k) Champhai
	Columns	48/42 mm OD, 2mm thick	
	Trusses	Bottom & top cord 42 mm OD, 2 mm thick	
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	Purlin member & others	25 mm, 2 mm thick	
9	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.	
10	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: 2019 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	Curtaains 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 : 2019) 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.
After sales services (The firm should provide)		
16	Warranty and Guaranty	Free maintenance for one year from the date of installation
17	Training	Free training for operation, maintenance & production for one year.

II. GREEN HOUSE SPARE PARTS/ACCESSORIES

Sl. No.	Product details	Unit	Specification	Quoted Rate inclusive of all taxes & other charges f.o.r Aizawl (Rs.)
1	200 micron Diffused UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
2	200 micron Clear UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
3	100 micron Diffused UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
4	100 micron Clear UV Film	Sqm.	Width-4.5/5.5/7/9m Length-50/100m	
5	GI Profile	RM	4m	
6	Aluminum Profile	RM	4m	
7	GI zig-zag Spring	RM	1.5m	
8	SDS Profile Screws	Nos.	8mm	
9	UV Stabilised Yarn	Kg.	1Kg	
10	Shadenet 35%	Sqm.	Width-4m Length-25/50/100m	
11	Shadenet 50%	Sqm.	Width-4m Length-25/50/100m	
12	Shadenet 75%	Sqm.	Width-4m Length-25/50/100m	
13	Insect-proof net	Sqm.	40 mesh size Width-1.5/3m Length-50/100m	

14	Gutter G.I	RM	Length-4m Width-30cm	
15	UV Film Repair Tape	Roll	Thickness-200 micron Width-7cm Length-25m	
16	100 micron Mulch film (Black Cover)	Sqm.	Thickness-100 micron Width-1.5 m Length-25/50/100 m	
17	Weed Mat/ Ground cover- 120 GSM (Black cover)	Sqm	120 GSM Width-1.2/1.5m Length-50/100m	

Dated

Signature

Name

Seal