

College of Horticulture and Forestry
Dr. Y S Parmar University of Horticulture & Forestry
Neri, Distt. Hamirpur (HP)-17700

No. UHF/COHF/1-2/- 8309-14

Dated: 23-3-2026

To

M/S // address overleaf.

Subject : Quotation for construction/fabrication of conditioning/hardening chamber

Dear Sir (s)

Sealed quotations are invited by the undersigned for the supply of articles mentioned below:

Sr. No	Particular	
1.	construction/fabrication of conditioning/hardening chamber	Specifications attached

Term and Conditions:

1. The rate quoted should be F.O.R. Neri, Hamirpur.
2. The quotations should be submitted only if the articles are in stock and can be supplied promptly.
3. The delivery of items/store is to be effected within the stipulated time otherwise the order will be cancelled.
4. The supply should be strictly in accordance with the specifications given above.
5. The quotations should reach to this office **on or before 07.04.2026.**
6. The quotations received after the due date will not be considered.
7. The envelop cover should contain **quotation due on 07.04.2026.**
8. The College does not issue any concessional sales tax certificate.
9. The quotation by post will only be considered.
10. The quantity may increase of decrease.

cc: incharge, LIC for uploading on university website

Yours faithfully

Assistant Registrar

CONDITIONING CHAMBER – TECHNICAL SPECIFICATIONS

A. Size & Measurements

Sr. No.	Parameter	Specification
1	Total Area	25.2 m ²
2	Length	6.30 m
3	Width	4.00 m
4	Side Height	2.25 m
5	Center Height	3.25 m

B. Structural Components

Sr. No.	Component Description	Specification	Quantity	Total Length
1	Side Columns (outer & alternate)	48 mm (1.5") square pipe	8 Nos.	24 m
2	Side Columns (alternate)	32 mm (1") square pipe	6 Nos.	18 m
3	Center Columns	48 mm (1.5") square pipe	3 Nos.	9 m
4	Bottom Frame Pipe	48 mm (1.5") square pipe	4 Nos.	16 m
5	Arch	48 mm (1.5") square pipe	4 Nos.	18 m
6	Arch Support	32 mm (1") square pipe	4 Nos.	10 m
7	Side & Bottom Purlins	48 mm (1.5") square pipe	5 Nos.	31.5 m
8	Center Purlins	32 mm (1") square pipe	4 Nos.	25.2 m
9	Anti-chamber Structure	32 mm square pipe (2 m × 2 m)	—	60 m
10	Door (Swing Type)	1" square pipe (1 m × 2 m)	1 No.	20 m
11	Width Purlins	32 mm (1") square pipe	—	12 m

C. Cladding & Interior Components

1. Polycarbonate Sheet

- Thickness: 10 mm
- Type: Double wall
- Feature: UV stabilized
- Warranty: 10 years (Manufacturer)
- Quantity: **90 m²**

2. Sealing System

- Rubberized aluminium profile: 25 m
- L-type aluminium strip: 40 m
- 1-inch aluminium strip: 40 m
- Sealing material: Silicone sealant

D. Cooling System

- Capacity: 2 Ton (approx. 10,000 BTU/h mentioned; verify as 2 ton ≈ 24,000 BTU/h)

- Indoor Unit: 1 No. (SS 304 with 2 fans)
- Outdoor Unit: 1 No. (Emerson/Tecumseh compressor with R-407 refrigerant)
- Electrical Panel: Temperature control system included

E. Humidification System

- Capacity: 7 LPH
- Feature: Inbuilt humidity controller
- Quantity: 1 No.

F. Shade Net System

- Shade Factor: 50%
- Type: UV stabilized, retractable
- Operation: Plastic clips with G-hooks on clutch wire

Component	Quantity
Shade Net	24 m ²
Clips	20 Nos.
Small Rollers	40 m
Rope Wire (3 mm)	15 m

G. Misting System

- 6 No. misters
- Coverage: 2 m diameter each
- Operating Pressure: 2 kg/cm²
- Includes: lateral lines and necessary accessories