



Design and Specification of Poly House of 12 × 6 sqm.

B. Job Description: Installation of Polyhouse with insect net

Area: 72 sqm

Size: 12*6 sqm i.e. minimum size

Ridge Shape: Top ventilated

Technical Specification

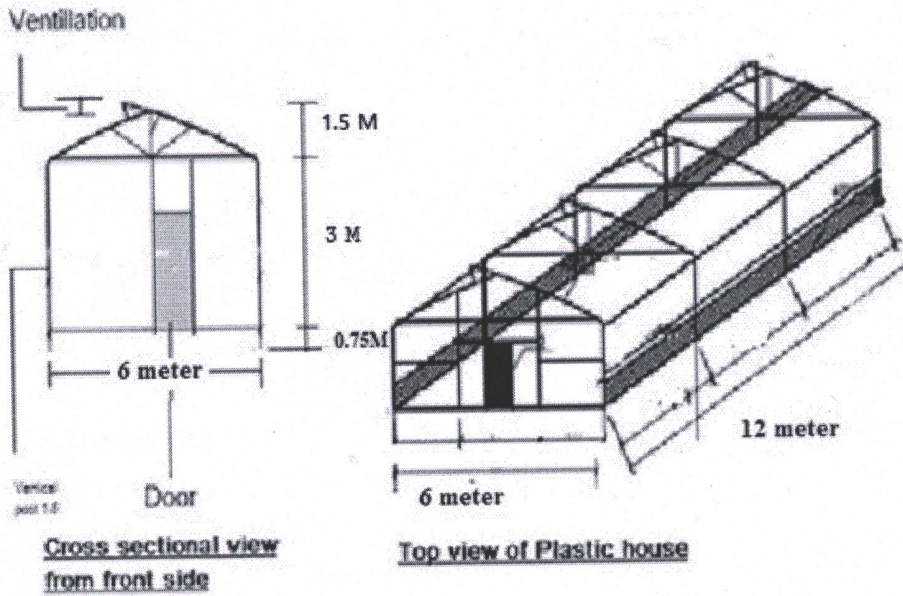
S. N.	Item	Description
1	Structure	Pre- Galvanized Channel cum Tubular Structure, State of the art Pre-Galvanized Lipped Channel structure, prefabricated and to get fast installation at site all structure should be assembled with nut- bolts.
2	Grid Size	6 m x 4 m
3	Area	72 Sq.m.
4	Ridge Height	4.5 m
5	Covering	U. V. stabilized Polyethylene film 200 micron thickness, IR blocking, Anti drip/ fog, Diffused (Multilayer) for covering of roof and all side with rolling system.
6	Locking profile	Locking profile with zig zag spring for poly film fixing at all sides
7	Thermal Net	UV Stabilized Thermal Net 50% (Green/ White) inside green house with Manual collapsible arrangement.
9	Insect Net	Insect Net 40 mesh as side covering.
11	Irrigation System	Drip Irrigation system should be included inside the house
12	Foundation	Construction of foundation in CM ratio 1:2:4 of size 0.4m x 0.4m x 0.9m

Structure Specification

- Columns 60 OD 2.0 mm thick Hot Dip G.I. Pipe
- Arch 42 OD 2.0mm thick G.I pipe
- Purlin 42 OD 2.0mm thick G.I pipe
- Top Purlin 48 OD 2.0mm
- Bottom 48 OD 2.0mm thick G.I pipe
- Support 32 OD 2.0mm thick G.I pipe
- Entrance Single door

Bharat Prasad Kandel
Project Coordinator

Design



Drawing of 12 *6 Sqm Top vent polyhouse

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