

FORM-B

Annexure -I

Establishment of Green House **MAKÉ - SAVEER**

Total Size - L x B x SH x CH= (20' x 10' x 7' x 10')

The Product has the following details:

SL.NO	NAME OF ITEMS	PRODUCT TECHNICAL DETAILS	UNIT
1	Structure	A) Frame: All the structures are Galvanized with Aluminum presser plate with size: 47mm x47mm.	Complete Set
2	Cladding System	Roof, end wall, front wall & sidewalls of the greenhouse-sets and pre entry room for rigid covering. By 6mm thick clear multiwall Sabic polycarbonate sheet, Aluminum Profile, EPDM gasket, Silicon sealant, and accessories.	Complete Set
3	Cooling System	Water pad cooling system: Slow speed Axial Fan 36" 1 No imported with CH2, HD motor fixtures and a 500 liter water tank to distribute and collect water from pad, cel-pads complete 4" thick 5'width,20'length with IZ-AL-S4 system lowers by 8°C±2° at outside max. 62% RH (subject to ambient 35°C or above) or low.	Complete Set
4	Shading System	External shading system: 50% shading net (agro shade net) are fixed.	Complete Set
5.	light	Normal tube light.	2 no.
6	Fogging System	Fogging System: For maintaining upto 85% Relative Humidity with connected 1.5HP motor with screen filter, fogging nozzles, pipes and Polymer water tank with capacity 500 ltr. Piltz Timer: One Piltz Timer for Humidity(Code-00346-00497)	1 Complete set 1 No
7	Benching System	Galvanized benching system (L x W X H) - (8' x 3' x 2')	4 No's

8	Control panel for Automation	<p>a) Technical feature of Temperature Control System</p> <ul style="list-style-type: none"> - Temp. Range: 0.1 to 59.9°C. - Accuracy: $\pm 1^\circ\text{C}$. - Hysteresis: 0.4°C with sensor probe Pt-100 Sensor cord 5 meters. - Input: 200-240VAC (110 VAC available on demand), phase-single. - Ambient: 5°C to 45°C, RH up to 85% normally. <p>b) Relative Humidity Control System: It maintains RH in the range of $\pm 4\%$.</p> <ul style="list-style-type: none"> - Range: 30% to 90%. - Real RH: $\pm 2\%$, ± 1 digit (at 45%). - Input: 220VAC (110VAC available on demand), phase single. - Ambient: 5° to 45°C, RH up to 95%. 	1 complete Set
9	Heating System	Biotech Heat Convectator Gerat, 2.4 kW Code-013244-00471 to circulate heat inside the greenhouse chambers so that the required heat can be blown in the complete area will be provided.	Complete Set
10	Civil Work	<p>Foundation Wall for greenhouse and pre entry room WIDE BASED 1.0' below earth's surface, 1.0' above earth's surface, as kick-board 9" wide. Frame base block height 2'</p> <ul style="list-style-type: none"> - Structure will be raised on C.C column 1' x 1' x 2' - Pathway - Proper drainage system <p>Floor - 4' sand filling on natural soil.</p>	Complete Job in all respect
11	Electric Wiring	All wires will be of copper and desired load (Make-Kalinga/Plaza) and switches imported make, extra switches also provided as standby. Each feature has own electric line with MCB and will be underground in PVC pipe complete set with A grade work. Separate electrical, work, panel board and main switches as well.	Complete Job in all respect

Establishment of Agro Shade Net House**Agro Shade Net House Size-(L x B) = 20' x 10'****The Product Has the Following Details:-**

Sl.No.	PRODUCT TECHNICAL SPECIFICATION	Units
1.	<u>AGRO SHADE NET HOUSE</u> Size: 200 sq.ft Shape: Arc	01 No.
2.	Structure: All structure made by latest ZTP-Technology G.I. pipe 38mm & 32mm±1mm Squire GI Pipe.	1 Complete set
3.	Door: Size 6'-3" × 3' (H×W) one no. with lock and pinion system.	1 No.
4.	Roof & Side Covering: with 70:30% UV Stabilized agro shading net, color- green/black as per your requirement.	1 Complete set
5.	Electrical device: High quality ISI approved fittings with FR grade copper cable and rigid standard of safety with proper M.C.B.	1 Complete set
6.	Foundation Wall for Shade Net house WIDE BASED 1' below earth's surface, 1' above earth's surface, as kick-board 9" wide. Frame base block height 2'. - Structure will be raised on C.C column 1' x 1' x 2'.	1 Complete job in all respect
7.	Over head Micro Sprinkler System: Micro sprinkler system with automatic On/Off system-With micro filter return control valve assembly pressure gauge. Humidification through micro sprinkler system, Polymer water storage tank- 1000 ltr. Capacity with complete motor setting	Complete Set
8.	Floor: As it is Normal.	