

GOVERNMENT OF TELANGANA
ABSTRACT

Horticulture Department – Implementation Guidelines for Establishment of Poly Houses 2014-15 – Orders - Issued.

AGRICULTURE AND COOPERATION [HORTI&SERI] DEPARTMENT

G.O.MS.No. 30

Dated.18.12. 2014
Read the following:

1. Govt., Memo.No.3071/H&S/2014, dated.1.11.2014.
2. G.O.Ms. No.19 Agriculture & Cooperation (Horti &Seri) Dept, dated 13.11.2014
3. From the Commissioner of Horticulture, Telangana., Hyd., Lr.No.RKVY/210/41/2014, dated 9.12.2014.

ORDER:

The Government of Telangana have proposed for Development of Protected Cultivation (Green Houses), Construction of Green/Poly Houses in 1000 acres in the current Financial Year 2014-15 on 75% Subsidy in 100 Kms. radius of the Hyderabad to promote High Value Vegetables and flowers and the Commissioner of Horticulture, Telangana State, Hyderabad, has been requested to furnish the detailed proposals, along with operational guidelines for implementation of the scheme, vide reference 1st read above.

2. The Commissioner of Horticulture, Telangana State, Hyderabad, vide reference 2nd read above, has stated that a State Level Executive Committee has been constituted vide G.O.Ms. No.19, Agriculture & Cooperation (Horti. & Seri.) Dept, dated 13.11.2014, chaired by the Commissioner of Horticulture for overall execution of the programme which involves approval of Implementation Guidelines, unit cost, empanelment of the companies, monitoring and evaluation of the programme from time to time, and the State Level Executive Committee meeting was held on 3.12.2014, wherein the Committee Members have approved the Implementation Guidelines for Establishment of Poly Houses., and requested for the approval.

3. For Establishment of Poly Houses in a radius of 100 Km around Hyderabad with 75% subsidy, and taking into consideration the proposals of State Level Executive Committee constituted in the G.O.2nd read above, Government after careful examination, hereby issue the Implementation Guidelines for Establishment of Poly Houses 2014-15 at Annexure – I.

4. This order come into force with immediate effect.

5. The Commissioner of Horticulture, Hyderabad shall take further necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

POONAM MALAKONDAIAH,
APC & PRINCIPAL SECRETARY TO GOVERNMENT.

To
The Commissioner of Horticulture, Telangana, Hyderabad.
All the District Collectors (through the Commissioner of Horticulture, Telangana, Hyderabad)
Copy to PS to Additional Secretary to CM
Copy to PS to Min [Horti. & Seri.], Sf/sc

//FORWARDED ::BY ORDER//

SECTION OFFICER

ANNEXURE - I

(Annexure to G.O.Ms.No.30 A&C (Horti.&Seri) Deptt., Dt. 18-12-2014)

IMPLEMENTATION GUIDELINES FOR ESTABLISHMENT OF POLY HOUSES FOR CULTIVATION OF VEGETABLES - 2014-15

INTRODUCTION:

Poly Houses are protected structures made up of GI Pipes covered with UV stabilized Polyethylene (LLDPE) and nets (insect/shadenet) used for cultivation of high value Horticulture crops. These structures are erected for protection of crops from adverse climatic conditions and for growing crops irrespective of their growing seasons.

AIM:

To promote high value horticulture crops and for continuous production and supply of Vegetables, encouraging poly houses in an area of 1000 acres in Telangana State for the year 2014-15.

OBJECTIVES:

- To enhance productivity per unit area.
- Promotion of high value Horticulture crops under Poly houses.
- Year round production of Vegetable crops especially for off season production of vegetables.
- Disease free and genetically superior transplants can be produced continuously, there by generation of livelihoods in Rural areas.

NON NEGOTIABLES FOR IMPLEMENTATION OF THE PROGRAMME:

1. All farmers are eligible for the programme.
2. Ratio under SCP & TSP shall be followed as per State norms.
3. Owner ship of the land should be with the applicant for availing the subsidy.
4. Quantified irrigation source and electrification are mandatory.
5. Each farmer is eligible to avail subsidy for 200 sqmt to 3 acres (minimum and maximum eligibility)

6. The scheme will be implemented preferably within a radius of 100Km around Hyderabad with 75% subsidy on construction of structure and plant material cost, including Mulching, Micro irrigation system and bed preparation, Potting mixture with all manures etc.
7. 3rd party verification before payment of final release is a mandatory.
8. 3rd party agencies list will be sent after finalization.
9. After paper notification, application received will be given seniority. Pending applications who have already applied to Department, need to apply a fresh(again) with full details.

Assistance proposed under the scheme:

Rs. in lakhs

Sl. No.	Name of the Scheme	Unit Cost proposed per acre	75% Subsidy per acre (i.e.4000 sq.mts)	Remarks
1	Construction of Poly houses including drip irrigation & foggers @ Rs. 700/- per sq.mts.	28.00	21.00	Minimum -200 sq.mts Maximum eligibility 3 ac per beneficiary
2	Plant material assistance including bed preparation and other maintenance charges@Rs.140/- per sq.mt.	5.60	4.20	The plant material subsidy will be given to the poly house farmers only
	TOTAL	33.60	25.20	

Indicative cost for Cultivation of Vegetables under Poly Houses :

Sl. No	Crops		Total Unit Cost (Rs. /Sq.mtr)	Pattern of Assistance (Rs./ Sq.mtr)
1	Vegetables	Capsicum, Tomato and other suitable crops	Rs. 140/-	75% of cost (Rs.105/- per sq.mt) limited to 12000 sq.mtr per beneficiary

ELIGIBILITY CRITERIA FOR APPLICANT:

1. Minors are not eligible.
2. Farmer means a person having land ownership in one's name. For this he has to submit Land Records.
3. Original *Title deed and Pattadar Pass Book* Land verification report by *MRO*. All the documents submitted shall be latest not more than three months old. (attested copies)
4. Farmer includes farmer's family, means husband, wife and their minor children. Inspecting authority shall confirm the family duly after verification. Each family is eligible upto maximum 3 acres, depends on the availability of target, area can be allotted by the concerned District officers upon their targets and no. of applicants available and as approved by the District Collector concerned.
5. New Farmers have to be given priority for issuing administrative sanction. The farmers who have availed subsidy already has to submit affidavit for claiming the subsidy and such farmers are consider for subsidy under this programme depending on their eligibility.(maximum eligibility i.e. 3 acres minus already availed area)

PROCEDURES TO AVAIL FOR SUBSIDY:

A. Non-Loanee cases (with farmers own resources)

- I. All the applicants must be registered with Asst. Directors of Horticulture office concerned.
- II. The applicant shall be responsible for the submission of all required documents. Incomplete documents does not entitles applicant to avail assistance. The application shall be considered only after completion of all the documents and payment of 25% of farmers contribution.
- III. Farmer will apply to the concerned ADH office through HO of concerned block with complete required documents as per check-list.
- IV. ADH will verify the documents as per check-list and will forward to the District Collector headquarter with his recommendation as per availability of the funds with them.
- V. ADH will issue sanction letter after approval from District Collector.
- VI. After sanction ADH will send approved list of District Collector to Head Office for monitoring and release of payments.

B. Loanee cases (bank finance cases):

- I. All the applicants must be registered with concerned Asst. Directors of Horticulture office.
- II. The applicant shall be responsible for the submission of all required documents. Incomplete documents does not entitles applicant to avail assistance. The application shall be considered only after submission of all the documents.
- III. Farmer will apply to ADH concerned office through HO of concerned block with complete required documents in two set of copies as per check-list.
- IV. ADH will verify the documents, if found, as per check-list and will send second copy to the bank with pre-sanction letter to bank for sanctioning the loan of the project in back ended credit linked project.
- V. Bank after sanctioning the loan amount of project will send a copy of sanction letter and appraisal report to ADH for the sanction of project. The date of receiving of appraisal report in ADH office shall be treated as first day of application and will be considered based on available targets. Asst. Director of Horticulture will give administrative sanction duly taking the approval of District Collector after receipt of bank sanction letter.
- VI. After administrative sanction, Asst. Director of Horticulture will sent the approved list to Head Office for monitoring and release of funds.

2. Empanelment of firms:

- Empanelment list will be communicated to the Districts. Farmers shall choose from empanelled list of companies.
- **If the empanelled firm quoted prices is over and above the unit cost of the Department i.e. Rs.700/- per sq.mt, than the difference cost shall be paid by the farmer.**
- ADHs shall not entertain any of the firm which is not empanelled. Any deviation in this issue, concerned ADH and HO will be held responsible.

- 3. Training:** Selected beneficiaries shall undergo training of minimum three days i.e. training-cum-workshop regarding awareness on poly house issues related to Cultivation, Construction and Maintenance of Poly houses, exposure visit on poly houses, package of practices of high value vegetables. A certificate to this effect shall be issued by HTIs. Training certificate is mandatory before release of assistance.

4. Construction of Poly House: The work of construction of Poly house shall be completed within a period of **45 days**. Further, an extension of maximum 15 calendar days may be considered in advance in writing with justification for the delay in writing. Oral request for extension of time shall not be entertained.

5. Subsidy Limit: The assistance is as per norms given below.

6. Pattern of subsidy : Rs.525 /- per sq.mt for construction of Poly House including the cost of Drip Irrigation and Foggers and Rs.105 / sq.mt. towards plant material, bed preparation.

BASIC REQUIREMENTS FOR ESTABLISHMENT OF POLY HOUSE:-

- Approach road connectivity is a must.
- Soil suitability for erection and construction of structure and as well as drainage.
- East and South for the sun is excellent for the Poly house, which can remain open on both these sides, but it should be shaded on the north and the west to protect from winds.
- The site should be free from shade.
- The site should be at a higher level than the surrounding land with adequate drainage facility.
- pH of the irrigation water should be in the range of 5.5 to 7.0 and EC less than 1 milli mhos/cm,
- Soil used for propagating material / media should be in the range of 5.5 to 6.5 pH and EC less than 1 milli mhos/cm.
- In case of high EC farmers has to take necessary measures to maintain the EC as per the crop requirement. If EC & PH are not within the limits Poly house cultivation is not possible.
- The structure should withstand to the minimum wind velocity of 80.6 miles per/hr or 120 km / hour or 36 Meter per second.
- The selected beneficiaries shall undergo training programme and exposure visit on concept of Poly house, package of practices of high value vegetables.
- Soil and water analysis reports from reputed labs are also to be enclosed to the proposal. (mandatory)
- Farmer/Firm is responsible for the erection of the Poly House .
- A display board depicting “Department of Horticulture ,Government of Telangana” shall be displayed at the site with name, survey no., Village, Mandal, sanction proceedings number, date, poly house

extent (area), name of the firm and address, year of construction of Poly house.

- Subsidy will be released through online transfer to the farmer/empanelled firm/Bank after joint inspection by the committee members.
- 3rd party verification will be done independently. (Format-VI)
- Cultivation of vegetables in Poly houses only is considered.
- Shade nets of 35 % shade shall be used for vegetables.
- Farmers who have availed subsidy for poly house earlier under MIDH/NHB/SHM/ APEDA/ NABARD and others shall be eligible for subsidy under this programme for the year 2014-15. An affidavit duly notarized on Rs. 100 stamp paper (format enclosed) to be collected from the farmer along with the proposal for availing subsidy from any Government department.

SANCTION PROCEDURES:-

1. Farmer registration should be done in the District Office.
2. Farmers contribution (25%) shall be collected in the shape of Demand Draft before obtaining the DMC approval on sanction letter of bank with individuals name.
3. After getting the District Monitoring Committee (DMC) approval a list of beneficiaries shall be submitted to the state cell.
4. Administrative sanction proceedings will be issued by District Collector and ADH.
5. The empanelled firm shall supply material to the site within 15 days from the date of administrative sanction.
6. 25% of farmers contribution shall be released to the empanelled firm after receipt of material in the site as per the sanction proceedings.
7. After undergoing training the farmer should take the installation of Poly House as per the technical specifications of the scheme. A Tri Party agreement is to be entered by the farmer, Asst. Director and empanelled firm before commencement of the work.
8. The beneficiary/Firm has to complete the construction of Poly House within 45 days from date of supply of material to the site.

INSPECTION: Pre and post inspections will be done three times.

- I. **Pre Inspection:** Inspection of the site before sanction by ADH/HO/Farm/MI engineer. After satisfactory inspection report by the inspection committee proposal shall be sent to District Collector.

II. Post Inspection:

- a) First post inspections shall be conducted by Joint Inspection Team (JIT) from DHQ (District Head Quarters), ADH&HO or Third Party Inspection nominated by the Department just after supply of material and completion of foundation work.
- b) This inspection will be conducted after call from farmer/firm in written to ADH of the District with assurance that the material supplied as per component list and the foundation work is complete as per departmental specifications and quantity as per design excluding cladding material.
- c) The farmer/firm will keep representative sample of all the components. The JIT may check any of the used material at site and firm has to facilitate it.
- d) In case of bankable cases Joint Inspection Team (JIT) along with Banker or his representative / his nominee shall carry out the inspection.

III. Final Inspection:

- a) Final inspection shall be conducted by JIT or Third Party Inspection nominated by Head of the Department after intimation to ADH of the District after completion of structure in all respects.
- b) PD MIP/ DDH, ADH, HO, Firm representative (if empanelled firm), farmer & Banker (in case of Bankable) / nominee from the head office will remain present at the time of physical inspection to be carried out.

CONSTITUTION OF JOINT INSPECTION COMMITTEE FOR POLY HOUSE & PLANTING MATERIAL UNDER ESTABLISHMENT OF POLY HOUSES :-

ADH shall organize Joint inspection of the Poly House duly constituting a committee with the following members:

1. PD, MIP / DDH
2. Assistant Director of Horticulture (concerned)
3. Horticulture Officer
4. MI Engineer, MIP.

5. Banker (in case of bankable project).
6. Engineer of quality control.
7. Nominee of Commissioner of Horticulture office.

The joint inspection report should be sent in format with all necessary certifications. If any of the committee members has not attended the inspection, ADH shall give reasons for not attending the joint inspection.

PAYMENT PROCEDURE IN CASE OF NON- LOANEE FARMER

1. Selected farmer after DMC scrutiny shall pay 25% of unit cost along with Additional cost over and above the unit cost if any of the project to the Department.
2. Department issues administrative sanction and releases 25% of unit cost along with Additional cost to the firm after receipt of material at farmers field.
3. A pre inspection shall be carried out by the team duly certifying the material received is as per technical specification and fit for installation. Any deviation in the quality and quantity of the material supplied by the firm is to be recorded by the team.
4. 50% of the cost will be released to the firm after post inspection and report.
5. Remaining 25% of the unit cost will be released to the firm after 3rd party verification and successful completion certificate from the farmer.
6. The empanelled company shall submit the work completion certificate duly signed by the applicant to the ADH along with all the original bills for the expenditure incurred to the ADH for further processing with photographs of different stages in the prescribed formats.
7. ADH to co-ordinate with the members of the joint inspection committee and should arrange inspection of the completed Poly House within 7 days from the date of receipt of original bills from the empanelled company.
8. Later the committee shall inspect the unit and submit joint inspection report in the (format enclosed).
9. Photograph of the unit along with farmer and committee members has to be enclosed to the joint inspection report. Date and time has to be depicted in the photograph.
10. The joint inspection report in the prescribed format has to be submitted to State cell along with DMC approval. 50% of the subsidy amount will be released to the empanelled firm after receiving Joint inspection report by ADH.

11. Such cases where the Joint Inspection report is completed will be sent to 3rd party agency for further verification.
12. Upon receipt of 3rd party verification final payment 25% subsidy shall be released to the empanelled firm through online.

PAYMENT PROCEDURE IN CASE OF LOANEE FARMER

1. Selected farmer shall submit letter of intent (LOI) to the Department .
2. Department issues administrative sanction and releases 25% of unit cost along with Additional cost to the firm after receipt of material at farmers field.
3. A pre inspection shall be carried out by the team duly certifying the material received is as per technical specification and fit for installation. Any deviation in the quality and quantity of the material supplied by the firm is to be recorded by the team.
4. Department will release 50% of the unit cost to the Bank and Bank in turn pays to the firm after post inspection and report.
5. Remaining 25% of the unit cost will be released to the Bank and Bank in turn releases to the firm after 3rd party verification and successful completion certificate from the farmer.
6. The empanelled company shall submit the work completion certificate duly signed by the applicant to the ADH along with all the original bills for the expenditure incurred to the ADH for further processing with photographs of different stages in the prescribed formats.
7. ADH to co-ordinate with the members of the joint inspection committee and should arrange inspection of the completed Poly House within 7 days from the date of receipt of original bills from the empanelled company.
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12. Upon receipt of 3rd party verification final payment 25% subsidy shall be released to the Bank through online.

WORK FLOW & CHECK LIST FOR DOCUMENTS TO BE SUBMITTED TO POLY HOUSE

Sl. No.	Description	Documents to be submitted by / Action to be taken
1	Application Form -Format-I	Farmer
2	Soil & Water Analysis Water Report	
3	Affidavit - Format - II	
4	Title deed and Pattadar Pass Book	
5	Project Estimate	
6	Farmers notarized affidavit for claiming subsidy (MIDH/SHM/NHB/APEDA/NABARD)	
7	Training certificate from any Govt. Agency	HO / ADH
8	Application filling	Farmer / HO
9	District Mission Committee Approval	ADH
10	Issue of Administrative Sanction- Format - III	District Collector
11	Erection of Poly House (empanelled list will be communicated)	Farmer/Firm ADH/HO (Tech)
12	Pre and post Inspection after foundation	ADH&HO (Tech)
13	Completion & Under Taking - Format - IV	Empanelled firm
14	Submission of bills & invoices	Empanelled firm
15	Constitution of Joint Inspection Committee	ADH
16	Final Joint Inspection Report - Format - V	Committee Members
17	Sending of joint inspection report by obtaining DHM approval for sanction and release of assistance along with photo graphs to for release.	ADH
18	Identification of 3 rd party agency	State Cell
19	3 rd Party verification final (25%)	State cell
20	Release of subsidy to the empanelled firm/ Bank through online transfer	State cell

A. Technical specifications for naturally ventilated Poly House.

Products with BIS standards only are accepted.

Items	Description / specifications												
Product	Naturally ventilated green house/ Poly house												
Size	The following 4 slabs are proposed in the programme a. 200-560 sq.mts b. 560-1008 sq.mts c. 1008-2080 sq.mts d. 2080-4000 sq.mts and above.												
Orientation	Preferably North South direction												
Width of each bay	8 meters												
Distance between consecutive column pipes	4.0 m												
Ridge (Central) height	<table border="1"> <thead> <tr> <th>Area (m²)</th> <th>Plane land (m)</th> <th>Hilly area (m)</th> </tr> </thead> <tbody> <tr> <td>560</td> <td>6.5</td> <td>6.25</td> </tr> <tr> <td>1008</td> <td>7.5</td> <td>7</td> </tr> <tr> <td>1008 to 4000</td> <td>7.5</td> <td>7 to 7.5</td> </tr> </tbody> </table>	Area (m ²)	Plane land (m)	Hilly area (m)	560	6.5	6.25	1008	7.5	7	1008 to 4000	7.5	7 to 7.5
Area (m ²)	Plane land (m)	Hilly area (m)											
560	6.5	6.25											
1008	7.5	7											
1008 to 4000	7.5	7 to 7.5											
Ridge vent	1.3 m vertical height and 1.3 to 1.5 slanting height; roof ventilator should be provided in slanting position.												
Gutter height	4 mt- upto 560sq.mts Poly house and 4.5mt from 1000sq.mt onwards from the ground level (based on area of green house and climatic conditions)												
Gutter slope	2%												
Longitudinal slope	2%												
Gutter material	2 mm thick and 450 mm width GI Sheet with perimeter of 450 mm and with industrial press, 100% leakage proof of galvanized sheet minimum of 275 GSM (grams per sq.mt.) Zinc coating.												

Items	Description / specifications
Structural design	Gothic shape with roof and side ventilation. The structure is designed to be enough to with stand wind speed minimum 120 km / hour. It is to provide provision for opening one port at either side for entry of small tractor / power tiller for inter cultural practices.
Structure	Complete structure made of hot dip galvanized steel tubular pipes with a minimum of 360 GSM (with Zinc coated on continuous procedure to meet the quality requirements or equivalent section confirming). BIS standards having wall thickness 2mm; structural member should be joined with fasteners (HOT Dip Galvanized nuts and bolts) Properly.
Columns	76mm OD,2mm thick. Hot Dip 360GSM GI.
Trusses without joints 8 mts long for better load bearing.	Bottom cord 60mm OD, 2mm thick, 8 mt. long, Hot Dip 275 GSM GI.
Trusses member/ Arch's	50mm OD with 2mm thickness. Bracing 33mm OD with 2.0mm thickness G.I. Pipe Structural members to be fitted in plated nuts, bolts and washers without welding. (33 mm bracing to increase the strength and to with stand vertical and horizontal pressures.)
Stay/ Hockey pipes	60mm OD with 2mm thickness, fixed in the ground without any joints and welding.
Purline	48 mm OD with 2.0mm thickness at ridge gutter arch and 42/43 OD with 2.0 mm thickness for 2 nd purline.
Purline member and other	43 mm,2mm thickness
Horizontal bracings	42mm OD with 2mm thickness horizontal bracing 2 No's must provide each bay in both sides.
Cross Bracing	Every 2 column to 3 column of both sides must be connected 42mm OD with 2mm thickness GI pipe to ground the wind load. (In vegetable Poly houses to take the weight of the crop and transfer the wind pressure cross bracings are essential).

Items	Description / specifications
Bottom to pillar Bracing	33mm OD with 2mm thickness 1.2m long bracing to be fixed from pillar to bottom.
Foundations	Insert GI Pipes of minimum 76mm OD 3mm thickness with 1mm tapered top 1ft. or more to have foundation depth of not less than 100cm or more depth depending upon soil type and prevailing wind condition, grouted with cement concrete mixture of 1:2:3 using telescopic insertion of column.
Fasteners	All nuts and bolts must be of high tensile strength and HOT dip galvanized.
Entrance room Indoor (not required upto 560 sq.mt. from 1000sq. mts it is required.)	One entrance room of size 3x3x2.5 mts. (LxWxH) need to be provided and covered with Poly carbonate UV stabilized transparent with sliding arrangement. Outer hinge door of size 1.5m width and 2.5m height and sliding type.
Cladding material (Poly film)	UV stabilized 200 micron 5 layers co-extruded anti drip/mist, anti dust, diffused, IR cooling having minimum 85% level of light transmittance.
Fixing of cladding materials	All ends/ joints of plastic film need to be fixed with two way aluminium profiles (220grams/RM) with suitable locking arrangements along with curtain top.
Spring insert	Zig zag spring high carbon steel with spring action wire, galvanized of 2-3 mm diameter must be inserted to fix shade net into aluminium profile.
Curtains and insect screens (monox mono is nylon fibre, inter locked, woven mesh, more life)	<p>i) UV stabilized 200 micron 5 layers co-extruded transparent plastic film should be provided as curtains on all sides having manual operated crank mechanism.</p> <p>ii) 40 mesh (115 to 120gsm) nylon insect proof nets (UV stabilized), of 4.5 mts height above all four sides.</p> <p>iii) 35% Mono x Mono white shade net, should be fixed at side ventilators below the curtains. GI pipes are suggested to ensure smooth functioning of the curtain.</p>

Items	Description / specifications
Shadenet	UV stabilized mono x mono 35 % (115 to 120gsm) shading net has to be provided horizontally at gutter height, below the UV sheet - inside the greenhouse with manually operated mechanism for expanding and retracting. The area covered by shade net should be equal to the floor area of green house.
Side apron	UV stabilized HDPE woven fabric, 150 GSM thick for a height of 60cm and 40 cm buried below ground vertically and 20cm horizontally. (HDPE woven fabric of 150 GSM will have more stability and with stand the pressure of upward as well as horizontal wind better than the polythene film)
Erection of Trellies	For cultivation of Capsicum, Tomato and Cucumber, GI wire of 3 mm thickness to be fixed over the beds in horizontal/ vertical direction. Two wires over the bed.
Rain water harvesting	Provision of PVC pipe of 4” diameter should be made, from gutter to ground for collecting rain water from the roof top. Drainage gutter and end caps to be provided.

* Hard surface path of 1 mt. wide is to be provided to facilitate the movement in the poly house

After sales services (the firm have to provide)

Warranty	10 years warranty from the date of installation for structure excluding poly film and net. For poly film 3 years warranty for all material and installation defects.
Training	Free training for operation and maintenance for one year.
Testing	All plastic materials used in the green house should be tested by the CIPET for quality assurance (not older than 6 months report)

B. MI Component

Indicative Quantity of Material of Drip/Fogging System in Polyhouse/ Net House

Products with BIS standards only are accepted.

Sl.No	Description of Items	Unit
A	Drip System	
1	Main and Sub-main Line PVC 63 mm x 4 kg/cm ²	Meter
2	Main Line PVC 75 mm x 4 kg/cm ²	Meter
3	16mm LLDPE Lateral line CL-2	Meter
4	Inline 16mm, 1.3 to 2.4LPH @ 20-40 cm CL2	Meter
5	Ball Valve 63 mm (Moulded Seal, Plain)	Nos.
6	Ball Valve 75 mm (Moulded Seal, Plain)	Nos.
7	Sub-main Flush Valve 40mm	Nos.
8	Sub-main Line for Flushing 40 mm X 6 kg	Meter
B	Fogging Machine	
1	Main and Sub-main Line PVC 50 mm x 6 kg/cm ²	Meter
2	Main and Sub-main Line PVC 63 mm x 6 kg/cm ²	Meter
3	16mm LLDPE Lateral line	Meter
4	4 way Fogger Assembly with HP LPD	Nos.
5	Ball Valve 50mm (Teflon Seal, Plain)	Nos.
6	Ball Valve 63mm (Teflon Seal, Plain)	Nos.
7	Sub-main Flush Valve 40mm	Nos.
8	GI Wire 2mm thick	Meter
9	Sub-main Line for Flushing 40 mm X 6 kg	Meter
C	Filtration Unit	Nos.
1	Disc filter 25 m ³ /hr	Nos.
2	Disc filter 40 m ³ /hr	Nos.
3	Sand filter 10 m ³ /hr	Nos.
4	Sand filter 25m ³ /hr	Nos.
5	Sand filter 40 m ³ /hr	Nos.
6	Manifold GI + GMV	Nos.
7	Ventury Assembly Complete	Nos.
8	Air Release Valve Assembly 1"	Nos.

Note:

1. For any additional/optional item that is fitted/provided in structure by firm with the consent of farmer that shall not be part of cost norms*.
2. The list above under MI component is tentative. However, the actual material to be used at site may vary as per structural design requirement and this will be binding to the firm.

**** The above specifications are indicative only and Commissioner of Horticulture, Government of Telangana may add or delete or modify any term & condition as per requirement and in public interest and as recommended by the committees constituted by Govt. of Telangana.**

PRODUCTION / MARKETING: The production /marketing of produce of Poly houses is the sole responsibility of farmer.

INSURANCE OF POLYHOUSES: The insurance of Polyhouse is the responsibility of farmer.

AFTER SALES SERVICE: After sales service is the responsibility of construction agency. The after sales service has to be provided for five years from the date of completion of structure. The firm has to provide the after sales service on the following items on free of cost-

1. Any type of technical defect.
2. Gutter leakage and other type of leakages.
3. Opening and closing/smooth operation of shade net beneath polysheet or rotary handle operation if not properly working.
4. Leakage in MI system.
5. Side vent curtain not proper opening and closing.
6. Curtain clamps left out from curtain folder.
7. Tightening of nut,bolts/fasteners.
8. Rusted fasteners/nut-bolts/steel parts.

Penalties:- Penalty will be imposed for the below mentioned reasons other than departmental failures at following rates.

S.No	Item	Penalty in Rs.
1.	a. Delay in erection of Poly House for 15 days from the stipulated date.	Rs. 35/- per square meter shall be paid to the farmer by the concerned contractor /firm.
	b. Delay in erection of Poly House for 30 days from the stipulated date.	Rs. 70/- per square meter shall be paid to the farmer by the concerned contractor /firm.
	c. Delay in erection of Poly House for 45 days from the stipulated date.	Rs. 140/- per square meter shall be paid to the farmer by the concerned contractor /firm.
	d. Delay in erection of Poly house even after EOT.	In case of delay in erection of Poly house even after EOT the work order will be cancelled.
2.	Erection of Poly House Structure with faulty design	The structure should be re-laid by the concerned contractor / firm on their own cost within a period of 30 days from the date of complaint received from the farmer/department. A penalty of Rs.70/- per square meter shall be paid to the farmer by the concerned contractor /firm. If the firm does not respond than the penalty shall be recovered from the performance bank guarantee and necessary action shall be initiated against the firm.
3.	Supply of Sub-standard Material	The material shall be replaced as per the technical specifications of the EOI by the concerned contractor / firm on their own cost within a period of 30 days from the date of complaint received from the farmer/department. A penalty of Rs.140/- per square meter shall be paid to the farmer by the concerned contractor /firm. If the firm does not respond than the penalty shall be recovered from the performance bank guarantee and necessary action shall be initiated against the firm.

S.No	Item	Penalty in Rs.
4.	Deficiency in After Sales Service	The firm/ contractor shall attend to the complaint within 15 days from the date of complaint received from the farmer/ department. A penalty of Rs.5000/- shall be paid to the farmer by the concerned contractor /firm.If the firm does not respond than the penalty shall be recovered from the performance bank guarantee and necessary action shall be initiated against the firm.

**WORK FLOW & CHECK LIST FOR DOCUMENTS TO BE SUBMITTED FOR
AVAILING SUBSIDY FOR PLANTING MATERIAL**

Sl.No.	Description	Documents to be submitted by / Action to be taken
1	Application Form -Format-VII	Farmer
2	Soil & Water Analysis Water Report.	
3	Title deed and Pattadar Pass Book Copy	
4	Registration District Offices	HO/Farmer
5	District Mission Committee Approval	ADH
6	Issue of Administrative Sanction	ADH
7	Planting	Farmer
8	Submission of bills / invoices	Farmer / HO
9	Constitution of Joint Inspection Committee	ADH
10	Joint Inspection Report - Format -VIII	Committee Members
11	Sending of joint inspection report to State office for release of Subsidy	ADH
12	Obtaining DHM approval for sanction and release of assistance	ADH
13	Submitting the field photos and bills	ADH
14	Online transfer of assistance to empanelled firm	State Cell

FORMAT - I

Application for Availing Assistance / Subsidy Under
State Plan Scheme
Through Department of Horticulture

Recent
Passport Size
Photograph

Name of the Scheme: POLY HOUSE

1	Name of the Farmer	:	
2	Father / Husband Name	:	
3	Caste (SC/ST/BC/OC)	:	
4	Address	:	
	Phone / Cell No.	:	
5	Land records with Extent in Acres / Ha. (Copy of Title deed and Pattadar Pass Book)	:	
6	Area Proposed in Sq.mtrs./Ha.	:	
7	Account No & Name of the Bank & Address	:	
8	Proposed crop	:	
9	Source of Irrigation (Open well / Bore well)	:	
10	Soil & Water Analysis Soil PH & EC Irrigation water PH & EC Soil & Water Analysis reports to be enclosed.	:	
10	Estimated cost of the project Details of the project by the technical consultant to be enclosed.	:	
11	Whether any Govt. Subsidy availed previously. If, so please mentioned year and area availed	:	
12	Any other relevant information	:	

Declaration

I, _____

declare that the particulars furnished above are true to the best of my knowledge and I promise that the benefit obtained from Department of Horticulture will be used for the purpose for which it is given and in case of misuse I am liable for any action deemed to be fit by Govt. of Telangana., including recovery of the subsidy amount with 12% interest to the Government.

Signature of the Farmer / Entrepreneur.

Recommendations of the

Horticulture Officers _____.

Enclosures:

Assistant Director of Horticulture

1. Title deed and Pattadar Pass Book
2. Detailed Project Estimate
3. Soil & Water Analysis
4. Affidavit

FORMAT - II

AFFIDAVIT (Rs. 100/- Stamp Paper)

I / We _____ (Name of the Promoter / Director) son of _____ Father's Name) resident of _____ (residence address) do hereby solemnly affirm and declare here under.

1) That I am the director of _____,(name of the beneficiary) having its registered office at _____, (office address of beneficiary) and am fully aware of the facts relating to the setting up the Poly House at _____ (location of the Poly House) for _____ (activities to be undertaken by Poly House) and the application made to Department of Horticulture for availing assistance under Developmental Schemes _____

2) That the terms and conditions of the scheme of Department of Horticulture under which an application has been made by the applicant have been properly read and understood by me and I affirm that the Poly House / proposal / scheme comply with the terms and condition of Department of Horticulture and the application has been made in the correct applicable scheme.

3) That the proposed activities to be undertaken by the Poly House / proposal / scheme are covered under the above scheme of Department of Horticulture and no part of the scheme / infrastructure of the Poly House is designed or assigned to be used for any activity other than the activities specified in the application at present or in the near future.

4) That the information provided in the application for availing assistance under developmental schemes - _____ is true and correct to the best of my knowledge and belief. The estimates of the cost of Poly House / proposal / scheme, financial viability and operating results have been worked out / computed as per the rule and generally accepted principles and norms in this regard.

5) I / We _____ declare that I have availed subsidy /grant-in-aid under the project to an extent of _____ sq.mts. during _____ (year) with subsidy Rs._____ under _____ State /Central Govt. schemes (MIDH/SHM/NHB/APEDA/NABARD and others if any)

6) I / We also solemnly affirm that the proposed activity in the application for availing assistance under development Schemes _____ is a completely new activity and not a pre - existing activity or any Component thereof and further I assure that the unit will be utilized for the same activity for which the assistance is sought from the Department of Horticulture through State Cell of Telangana for the economic period of 15 years. In case, if the unit is misused I am liable for any action deemed to be fit by the Govt. of Telangana including recovery of the assistance amount extended. The information furnished in the application dated _____ is true to the best of my knowledge and belief and nothing material has been concealed.

7) In case of concealment of any facts in this regard, the Department of Horticulture would have right to cancel my application out right at any stage.

8) I will display a sign board depicting “Department of Horticulture with logo of Government of Telangana.

9) The release of subsidy is subject to actual expenditure, receipts, inspection, Department of Horticulture norms etc., In case of any discrepancy / dispute the decision of the Commissioner of Horticulture is final.

10) I agree and resolve that the department reserves the right to modify, add or delete any term/ condition without assigning any reason thereof and shall also have right to pre and post inspect / monitor the Poly House and verify the related records at any time during the economic life of the Poly House by the concerned officers.

DEPONENT VERIFICATION

Verified on solemn affirmation at _____ that the content of the above affidavit are true to the best of my knowledge and belief and nothing material has been concealed.

DEPONENT/ COMPETENT AUTHORITY

(To be signed by Notary with seal)

Format - III

PROCEEDING OF THE DISTRICT COLLECTOR, DISTRICT

Present :

Proce.No. State Cell-I/ Poly House / / 2014, Dt. 2014.

Sub:- Horticulture Dept- District - State Cell - 2014-15 -
Construction of Poly Houses- Administrative Sanction Orders -
Issued.

Ref: 1. Implementation Guidelines of Poly Houses

2. Beneficiary contribution (25% subsidy) received vide D.D.No.
& Dt. for Rs. _____

3. Application of Sri..... S/o.,(V)
....., (M)District received through
H.O.,,

4. Note Approved by the District Collector,Dist. Dt., &&&

ORDERS:

Sri....., S/o.,(V),(M)
.....DISTRICT Sy.No....., has informed that , you have been
selected as beneficiary for Construction of Poly House under State Plan
scheme 2014-15 for the construction of Poly House for, Sqmt and the
eligible subsidy is 75% of the total Cost subject to a maximum Rs. 525/- Per
Sqmt limited to _____ Sqmts s for each beneficiary.

In view of the above, Administrative sanction is by accorded to him for
Construction of Poly House under State Plan Scheme -2014-15 for the
construction of Poly House for, Sqmt and the eligible subsidy is 75% of
the total Cost subjective a maximum Rs.525/- Per Sqmt limited to _____
Sqmts for the beneficiary duly following the conditions furnished here under
to release subsidy by the Department of Horticulture.

The subsidy will be released subject to the following terms & conditions:-

1. The farmer should follow the Technical Specification for construction of Poly House issued by the Department as follows.
2. The farmer should display the board and place in front of the Poly house. The Logo of Government of Telangana, and the matter mentioned below.



**Financial Assistance by Department of Horticulture
TELANGANA**

Name	:	S/o	:
Village	:	Mandal	:
District	:	Component:	
Area In Sqmt	:	Assistance	:

3. The empanelled firm M/s. _____ should obtain a completion certificate undertaking with the following matter from Poly House farmer “Certified that the material supplied and Constructed the Poly house as per the guidelines and standard fixed by the Department and the area constructed in ----- Sqmts in the field of Sri/ Smt _____ S/o, W/o. _____ in _____ Village of _____ Mandal of _____ DISTRICT. ”
4. The farmer should submit affidavit on Rs. 100/- Stamp Paper with notary about the Poly House constructed by him (Copy enclosed).
5. The beneficiary should undergo 3 days training as per the Schedule given by the ADH.
6. Empanelled firm is responsible for the installation of the Poly House .

7. After completion of work the subsidy will be released to the empanelled firm based on the recommendation of ADH along with the Joint Inspection team certificate and 3rd party verification by the Department of Horticulture.

8. Subsidy will be released through online transfer to the empanelled firm .

(APPROVED BY THE DISTRICT COLLECTOR,DISTRICT)

Asst. Director of Horticulture

..... DISTRICT.

To

Sri..... S/o.,, (V),, (M)

..... DISTRICT

To M/s.

Copy to Horticulture Officer,, DISTRICT

Format - IV

Dt:2014

To
The Asst. Director of Horticulture
..... District

COMPLETION & UNDERTAKING

This is to certify that as per the guidelines and technical standards of MIDH the construction of Poly House was completed. The following materials were supplied for construction of Poly House in an area of sq.mtrs in..... survey no..... . of Sri....., S/o.....,(V),(M), District

S.No	Name of the Item	Quantity	Rate	Total Amount
1				
2				
3				
4				
5				
	Total			

Signature of Farmer:

Signature :

Name :

Seal :

Cell No. :

Format - V

FORMAT TO CONDUCT FINAL AND JOINT INSPECTION OF POLY HOUSE BY THE COMMITTEE UNDER STATE PLAN SCHEME, DEPARTMENT OF HORTICULTURE, GOVERNMENT OF TELANGANA.

Sl.No.	Name of the Farmer & Address	Category	Village	Mandal	Survey No.	Area in Sq.mtrs.	Crop	Expenditure incurred by the farmer (Rs.)	Subsidy recommended by the committee (Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11

Certificates:

- 1) This is to certify that the above farmers have installed Poly House as per the Technical standards of MIDH.
- 2) This is to certify that all the original purchase bills of the items for expenditure incurred as mentioned in column no. 9 have been verified and found correct.
- 3) This is to certify that the above farmers are eligible to avail subsidy of Rs. _____/- as mentioned in column no. 10.
- 4) The subsidy amount of Rs. _____/- may be released

Empanelled firm	Quality control Engineer	MI Engineer	HO
ADH	PD, MIP / DDH		

Format - VI

FORMAT TO CONDUCT 3rd PARTY VERIFICATION OF POLY HOUSE UNDER STATE PLAN SCHEME, DEPARTMENT OF HORTICULTURE, GOVERNMENT OF TELANGANA.

Sl.No.	Name of the Farmer & Address	Category	Village	Mandal	Survey No.	Area in Sq.mtrs.	Crop	Expenditure incurred by the farmer (Rs.)	Subsidy recommended by the committee (Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11

Certificates:

- 1) This is to certify that the above farmers have installed Poly House as per the Technical standards of MIDH.
- 2) This is to certify that all the original purchase bills of the items for expenditure incurred as mentioned in column no. 9 have been verified and found correct.
- 3) This is to certify that the above farmers are eligible to avail subsidy of Rs. _____/- as mentioned in column no. 10.
- 4) The subsidy amount of Rs. _____/- may be released

Signatures with seal of 3rd party verification authorities

FORMAT - VII

Application for Availing Assistance / Subsidy for Planting Material / Vegetables under State Plan Scheme, Department of Horticulture.

Name of the Scheme: Poly Houses.

Recent
Passport Size
Photograph

**Sub- Component :Cost of Planting material and input for
high value vegetables**

1	Name of the Farmer	:	
2	Father / Husband Name	:	
3	Caste (SC/ST/BC/OC)	:	
4	Address	:	
	Phone / Cell No.	:	
5	Land records with Extent in Acres / Ha.(Copy of Title deed and Pattadar Pass Book)	:	
6	Area under Protected Cultivation in Sq.mtrs./Ha.	:	
7	Account No & Name of the Bank & Address		
8	Proposed crop and No. of Plants	:	
9	Source of procurement of planting material		
10	Source of Irrigation (Open well / Bore well)	:	
11	Soil & Water Analysis Soil PH & EC Irrigation water PH & EC Soil & Water Analysis reports to be enclosed.	:	
12	Whether any Govt. Subsidy availed previously		
13	Any other relevant information	:	

Declaration

I, _____

declare that the particulars furnished above are true to the best of my knowledge and I promise that the benefit obtained from State Plan scheme will be used for the purpose for which it is given and in case of misuse I am liable for any action deemed to be fit by Govt. of Telangana including recovery of the subsidy amount with 12% interest to the Government.

Signature of the Farmer / Entrepreneur.

Recommendations of the

Horticulture Officers _____.

Enclosures:

Assistant Director of

Horticulture

1. Title deed and Pattadar Pass Book .
2. Detailed Project Estimate
3. Soil & Water Analysis
4. Affidavit

Format - VIII

FORMAT TO CONDUCT FINAL AND JOINT INSPECTION OF COST OF PLANT MATERIAL OF VEGETABLES BY THE COMMITTEE UNDER STATE PLAN SCHEME OF DEPARTMENT OF HORTICULTURE, GOVERNMENT OF TELANGANA.

Name of the Component :

Sl. No.	Name of the Farmer & Address	Category	Village	Mandal	Survey No.	Area in Sq.mtrs.	Crop	No. of Plants	Expenditure incurred by the farmer (Rs.)	Subsidy recommended by the committee (Rs.)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12

Note : Separate Joint inspection report has to be furnished HO wise for Plant Material for Vegetables grown under Poly House

Certificates:

1) This is to certify that the above farmers have planted high value vegetables.

2) This is to certify that all the original purchase bills of the items for expenditure incurred as mentioned in column no. 10 have been verified and found correct.

3) This is to certify that the above farmers are eligible to avail subsidy of Rs. _____/- as mentioned in column no. 11.

4) The subsidy amount of Rs. _____/- may be released.

FARMER

HO

ADH

AGREEMENT FOR INSTALLATION OF POLY HOUSES
NON-JUDICIAL STAMP PAPER OF RS.100/- (Rupees One hundred only)
(To be borne and executed by the applicant)
Every page to be signed by all the parties.
To be attested by First Class Magistrate/ Notary Public.

Month _____ 20__ (Two thousand _____) at _____,
Dist. _____ among
Shri/Smt _____ Resident
of village: _____, Mandal: _____,
District: _____, Telangana State (here in after
called "Farmer"), which expression shall be deemed to
include his/her heirs, executors, administrators and assigns on
the first part.

AND

Empanelled Firm selected by farmer for installation of
Poly Houses and to provide after sale service during two
years, M/s _____,
address: _____ (hereinafter called the Firm), which
expression shall be deemed to include its successors and
assigns on the second part, (Represented by authorized
signatory of the firm).

AND

Asst. Director of Horticulture _____ District,
Telangana State having its office at _____, which
expression shall be deemed to include its successors and
assigns on the third party.

Asst. Director of Horticulture (hereinafter called the
"District Office") is an implementing unit headed by
Commissioner of Horticulture for implementation of
component involving poly house under State Plan scheme in
the District on behalf of Government of Telangana.

Farmer, therefore, approached **Asst. Director of
Horticulture _____ District** vide application dated _____

which is received by **District Office** vide receipt No. _____ and farmer requested for installation of Poly Houses on _____ sqm. of land situated in village _____, Mandal _____, District _____, Telangana State.

Asst. Director of Horticulture _____ District has agreed to organize installation of poly house on farmer's field through empanelled and selected Firm by farmer on the following terms and conditions, obligations and responsibilities of each party as under.

1. APPLICATION REGISTRATION

- 1.1 Asst. Director of Horticulture has received above referred application of farmer along with design, cost estimates, copy of land record (Title deed and Pattadar pass book).
- 1.2 Farmer undertakes that he/she has not availed assistance on account of Poly House in his/her name/spouse name or in name of dependent member of his/her family from any Government agency at anytime, anywhere in Telangana state (or) Farmer has submitted affidavit for availing sq mts subsidy from Scheme during the year.
- 1.3 Asst. Director of Horticulture _____ District issued application receipt no. _____ dated _____ .

2. PRE-SANCTION LETTER:

*(In case the project is loan based then Asst. Director of Horticulture Asst. Director of Horticulture (**DHO**) may issue pre-sanction letter to farmer with copy to concerned bank based on the estimate of the firm).*

- 2.1 Asst. Director of Horticulture **DHO** issued pre-sanction letter no. _____ dated _____ on the basis of application and site survey report.

3. SANCTION LETTER:

3.1 District Officer of concerned district received following estimates from farmer along with estimate of the Firm duly accepted by farmer and after verification ADH of concerned district has	Content	Total Amt. (Rs.)
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------	------------------

to accord approval in the format as under: Sr. No.		
A	Cost of Material	
B	Installation & service charges	
C		
Total amount of (A+B+C)		

Asst. Director of Horticulture after seeking approval of District Collector, _____ District shall issue sanction to farmer with copy to Firm & Bank (if financed) after receipt of following documents:

1. Tri Party Agreement
2. Site Survey Report
3. Site Clearance Certificate
4. Design and cost estimate of structure
5. Design and technical specifications of MI system
6. Bank sanction letter (if financed)

Farmer agreed to undertake land work at his own cost as per advice of firm and hand over the site to the firm for installation of structure on the date of signing of TPA. Farmer shall issue site clearance certificate having signature of authorized signatory of Firm.

4. SIGNING OF TPA (TRI PARTY AGREEMENT) & ISSUE OF WORK ORDER:

- 4.1 This tri-party agreement is signed by the farmer, authorized representative of Firm and Asst. Director of Horticulture.
- 4.2 The Tri-Party Agreement shall be effective from the date of signing of Agreement.
- 4.3 Asst. Director of Horticulture will issue work order to the firm.

5. INSTALLATION AND INSPECTION:

- 5.1 Farmer shall provide facility like electricity and water required during installation of structure free of cost.
- 5.2 Farmer shall provide safe storage place to Firm for storing various components/instruments subject to watch and ward of firm.
- 5.3 Firm shall undertake installation activity after receiving work order from ADH. Material should be delivered at the site within (15) days from the date of work order and complete installation work in a maximum period of 45 calendar days from the date of material delivery at site. Further, an extension of maximum 15 calendar days may be considered on prior written consent of farmer.

The start of period shall be counted from the date of issue of work order. The firm shall be responsible and liable for installation of structure as per standards applicable.

- 5.4 Farmer agreed to undertake trenching work at his own cost as per trenching plan of approved design and depth and advice of MIS supplier and allow the MIS supplier for installation of approved MI System. Farmer also agreed to refill the trenches only after installation and inspection is over. The cost of this trenching work is to be borne by the farmer.
- 5.5 Farmer agreed to construct suitable *pucca* platform as per guidance given by the MIS Supplier for creation of platforms for filter, fertigation tank, head control unit and also take up other involved civil works. The cost of civil work as above is to be borne by the farmer.
- 5.6 MIS supplier should ensure that trenches are kept open at defined locations for physical verification cum trial run.
- 5.7 MIS suppliers will hand over after trial run of the MI System, a complete and updated “As Made Design Map” to the farmer. The map should include a clear presentation of the head control unit, water carrier and distribution system including pipelines, location of valves, air release valves, junctions and other components etc.

INSPECTION: Pre and post inspections will be done three times.

- I. **Pre Inspection:** Inspection of the site before sanction by ADH/HO/Farm/MI engineer. After satisfactory inspection report by the inspection committee proposal shall be sent to District Collector.

II. Post Inspection:

- a) First post inspections shall be conducted by Joint Inspection Team (JIT) from DHQ (District Head Quarters), ADH&HO or Third Party Inspection nominated by the Department just after supply of material and completion of foundation work.
- b) This inspection will be conducted after call from farmer/firm in written to ADH of the District with assurance that the material supplied as per component list and the foundation work is complete as per departmental specifications and quantity as per design excluding cladding material.
- c) The farmer/firm will keep representative sample of all the components. The JIT may check any of the used material at site and firm has to facilitate it.

- d) In case of bankable cases Joint Inspection Team (JIT) along with Banker or his representative / his nominee shall carry out the inspection.

III. Final Inspection:

- a) Final inspection shall be conducted by JIT or Third Party Inspection nominated by Head of the Department after intimation to ADH of the District after completion of structure in all respects.
- b) PD MIP/ DDH, ADH, HO, Firm representative (if empanelled firm), farmer & Banker (in case of Bankable) / nominee from the head office will remain present at the time of physical inspection to be carried out.

CONSTITUTION OF JOINT INSPECTION COMMITTEE FOR POLY HOUSE & PLANTING MATERIAL UNDER ESTABLISHMENT OF POLY HOUSES :-

ADH shall organize Joint inspection of the Poly House duly constituting a committee with the following members:

1. PD, MIP / DDH
2. Assistant Director of Horticulture (concerned)
3. Horticulture Officer
4. MI Engineer, MIP.
5. Banker (in case of bankable project).
6. Engineer of quality control.
7. Nominee of Commissioner of Horticulture office.

The joint inspection report should be sent in format with all necessary certifications. If any of the committee members has not attended the inspection, ADH shall give reasons for not attending the joint inspection.

6. GOVERNMENT CONTRIBUTION

- 6.1 Asst. Director of Horticulture will calculate Government contribution (subsidy), farmers share as per the provisions under the scheme.
- 6.2 As per requirement of Government contribution entitlement, farmer is required to maintain structure for ten years from the date of handing over by Firm. In case structure is not available on the farmer's field during ten years from the date of handing over by Firm to the farmer due to any of reasons, farmer will not be entitled for benefit of subsidies under Govt. scheme.

6.3 This agreement will be considered as part of undertaking for the purpose of subsidy.

7. OTHER OBLIGATIONS OF THE FARMER

7.1 Farmer agreed to settle (pay or receive) the account, after the installation of structure on the field and Firm agreed to collect/pay difference amount, if any.

7.2 The farmer agreed not to change/modify/remove/dispose/resell the structure during the ten years period. The farmer shall note that ADH and/or Firm will not be responsible for any consequences like Government contribution entitlement variation due to amendments issued by Government, reduction in yield, crop damages etc. arising out of changes such as modification / removal / disposal / sale / damage of the structure by the farmer.

7.3 Asst. Director of Horticulture and/or Firm will not be responsible for damages of equipments/instruments due to any act on the part of the farmer during execution and service period.

7.4 The farmer cannot create any lien/charge or transfer the structure fully or any portion thereof. In case of bankable projects, the banks are free to make lien as per RBI norms and guidelines.

7.5 The farmer agrees that he will get insured his structure from insurance company. The premium of insurance shall be paid by farmer.

7.6 Asst. Director of Horticulture and firm shall not be responsible for cropping plan, yield, crop damage, etc. arising out of either delay in installation of structure or after handing over of structure to the farmer.

7.7 The farmer agrees that he has acquired sufficient knowledge to run the Polyhouse. Therefore, in this context the firm and Department of Horticulture, Telangana State are no where responsible.

7.8 The construction of protected structure is to be executed by farmer through empanelled firm of his/her choice, the responsibility of quality standard of material and erection rests with the farmer. However, Department of Horticulture, Telangana State is facilitating the farmer by conducting inspection three times during erection. Department of Horticulture, Telangana State is not supervising the erection of protected structure. These inspections are on random sample basis of each structure. As farmer is executing the erection and supposed to supervise his/her structure during execution of work, therefore, any deviation of specifications and standards, the farmer shall bring this into the notice of Department of Horticulture during execution of work for timely

correction and deficiency if any and even stoppage of work. The Department of Horticulture, Telangana state shall release payment on the basis of inspection at site and random checkings and of satisfactory possession certificate.

- 7.8.1 At the time of first inspection farmer will be present with the inspection team and will certify that the material being used by the firm is as per specifications and he will give certificate to the firm as well as to the inspection team . The farmer will also submit the report of supply of cladding material.
- 7.8.2 Before final inspection the firm will intimate to the farmer as well as to the Department of Horticulture, Telangana State that the work has been completed in all respects . The farmer will inspect the work done by the firm before final inspection and point out deficiencies/shortcomings to the firm as well as to the Department of Horticulture, Telangana State, if any. The firm will remove these deficiencies/shortcomings before final inspection pointed out by the farmer.
- 7.8.3 At the time of final inspection farmer will be present with the inspection team. The farmer can point out if any shortcoming is still left in that case the firm will remove shortcomings immediately and intimate to the farmer and Department of Horticulture, Telangana State for additional inspection. The expenditure for the additional inspection will be borne by the firm concerned.
- 7.8.4 At the time of final inspection, if the farmer is satisfied with the work done by the firm, the farmer will take possession of the structure in the presence of team and will give possession certificate to the firm as well as to the Department of Horticulture, Telangana State. If the farmer failed to give possession certificate at the spot and at the most within one week failing which his/her structure shall stands completed. Further, in such case farmer cannot cultivate the crop and avail assistance under the scheme.

PROCEDURES TO AVAIL FOR SUBSIDY:

A. Non-Loanee cases (with farmers own resources)

- i. All the applicants must be registered with Asst. Directors of Horticulture office concerned.
- ii. The applicant shall be responsible for the submission of all required documents. Incomplete documents does not entitles applicant to avail assistance. The application shall be considered only after completion of all the documents.

- iii. Farmer will apply to the concerned ADH office through HO of concerned block with complete required documents as per check-list.
- iv. ADH will verify the documents as per check-list and will forward to the District Collector headquarter with his recommendation as per availability of the funds with them.
- v. ADH will issue sanction letter after approval from District Collector.
- vi. After sanction ADH will send approved list of District Collector to Head Office for monitoring and release of payments.

B. Loanee cases (bank finance cases):

- i. All the applicants must be registered with concerned Asst. Directors of Horticulture office.
- ii. The applicant shall be responsible for the submission of all required documents. Incomplete documents does not entitles applicant to avail assistance. The application shall be considered only after submission of all the documents.
- iii. Farmer will apply to ADH concerned office through HO of concerned block with complete required documents in two set of copies as per check-list.
- iv. ADH will verify the documents, if found, as per check-list and will send second copy to the bank with pre-sanction letter to bank for sanctioning the loan of the project in back ended credit linked project.
- v. Bank after sanctioning the loan amount of project will send a copy of sanction letter and appraisal report to ADH for the sanction of project. The date of receiving of appraisal report in ADH office shall be treated as first day of application and will be considered based on available targets. Asst. Director of Horticulture will give administrative sanction duly taking the approval of District Collector after receipt of bank sanction letter.

After administrative sanction, Asst. Director of Horticulture will sent the approved list to Head Office for monitoring and release of funds.

After sales services (the firm have to provide)

Warranty	10 years warranty from the date of installation for structure excluding poly film and net. For poly film 3 years warranty for all material and installation defects.
Training	Free training for operation and maintenance for one year.

Testing	All plastic materials used in the green house should be tested by the CIPET for quality assurance (not older than 6 months report)
---------	------------------------------------------------------------------------------------------------------------------------------------

AFTER SALES SERVICE: After sales service is the responsibility of construction agency. The after sales service has to be provided for five years from the date of completion of structure. The firm has to provide the after sales service on the following items on free of cost-

1. Any type of technical defect.
2. Gutter leakage and other type of leakages.
3. Opening and closing/smooth operation of shade net beneath polysheet or rotary handle operation if not properly working.
4. Leakage in MI system.
5. Side vent curtain not proper opening and closing.
6. Curtain clamps left out from curtain folder.
7. Tightening of nut,bolts/fasteners.
8. Rusted fasteners/nut-bolts/steel parts.

Penalties:- Penalty will be imposed for the below mentioned reasons other than departmental failures at following rates.

S.No	Item	Penalty in Rs.
1.	a.Delay in erection of Poly House for 15 days from the stipulated date.	Rs. 35/- per square meter shall be paid to the farmer by the concerned contractor /firm.
	b.Delay in erection of Poly House for 30 days from the stipulated date.	Rs. 70/- per square meter shall be paid to the farmer by the concerned contractor /firm.
	c.Delay in erection of Poly House for 45 days from the stipulated date.	Rs. 140/- per square meter shall be paid to the farmer by the concerned contractor /firm.
	d.Delay in erection of Poly house even after EOT.	In case of delay in erection of Poly house even after EOT the work order will be cancelled.
2.	Erection of Poly House Structure with faulty design	The structure should be re-laid by the concerned contractor / firm on their own cost within a period of 30 days from the date of complaint received from the farmer/department. A penalty of Rs.70/- per square meter shall be paid to the farmer by the concerned contractor /firm. If the firm does not respond than the penalty shall be recovered from the performance bank guarantee and necessary action shall be initiated against the firm.

S.No	Item	Penalty in Rs.
3.	Supply of Sub-standard Material	The material shall be replaced as per the technical specifications of the EOI by the concerned contractor / firm on their own cost within a period of 30 days from the date of complaint received from the farmer/ department. A penalty of Rs.140/- per square meter shall be paid to the farmer by the concerned contractor /firm. If the firm does not respond than the penalty shall be recovered from the performance bank guarantee and necessary action shall be initiated against the firm.
4.	Deficiency in After Sales Service	The firm/ contractor shall attend to the complaint within 15 days from the date of complaint received from the farmer/ department. A penalty of Rs.5000/- shall be paid to the farmer by the concerned contractor /firm.If the firm does not respond than the penalty shall be recovered from the performance bank guarantee and necessary action shall be initiated against the firm.

OTHER TERMS

- 10.1 The farm productivity does not depend on the use of structure alone. It is also impacted by other factors such as planting materials, application of inputs in terms of quantity and schedule, incidence of diseases, the soil quality and weather conditions etc. Hence the scope of responsibility of Firm is limited to the installation of structure, technical guidance of structure and interaction with the farmer about structure and maintenance.
- 10.2 Firm is not responsible for any consequential damages/liabilities beyond the control of Firm.
- 10.3 Firm is bound to entertain all type of cases for which it is empanelled irrespective of size of unit.
- 10.4 Farmer should strictly follow the guidelines for operation and maintenance given by Firm for successful performance.
- 10.5 Farmer should not lodge any false complaint/claim or to create any unpleasant situation and try to settle differences and disputes if any amicably and as far as possible at local level through concerned DHO and/or In-charge of Firm.
- 10.6 If at any time during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, act of the public

enemy, civil commotion, sabotage, fires, floods, explosion, epidemics, quarantine restriction, strikes, lock-outs or acts of God (herein referred to as event), then provided written notice of the happening of any such event is given by either party to the other within 45 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance, and deliveries/services under this contract shall be resumed as soon as practicable after such event has come to end or ceased to exist and the decision of DHO as to whether the deliveries have been submitted or not shall be final and conclusive.

- 10.7 In case of damage of structure before completion the firm is responsible and after completion farmer is responsible. In any circumstance the Department of Horticulture, Telangana State is not responsible for any type of damage.
- 10.8 In case of any dispute or difference arising out of the agreement between the two parties relating to any aspect of the agreement, the parties should attempt to settle the dispute through mutual and amicable discussions.
- 10.9 It is further to be agreed by both the parties that all differences and disputes if not resolved as above, shall be got remedied through the Court of Law of Hyderabad jurisdiction only.
- 10.10. The contents of this Agreement have been explained fully to the Farmer and the farmer has signed this Agreement after fully understanding the contents of this Agreement.

Name, Designation and Address	Signature with stamp/thumb impression
1) Farmer	
2)Firm	
3) ADH	

DEPARTMENT OF HORTICULTURE
GOVERNMENT OF TELANGANA
State Plan Schemes
Site Clearance Certificate

I/we (Name & address of farmer)
_____ have handed over site of
_____ sqm area to M/s. (Name of firm)
_____ on dated _____ for
installation of poly house as per requirement and the firm has
taken over the site for the purpose of installation of structure
as per terms and conditions as agreed in Tri Party Agreement.

Handed over

Taken over

(Signature of farmer)
with stamp)

Name:

(Authorized Signatory of firm

Name & designation:

Address:

**DEPARTMENT OF HORTICULTURE
GOVERNMENT OF TELANGANA
State Plan Schemes**

Site Survey Report

Farmer Detail:

Farmer Name: _____

S/o/D/o/W/o: _____

House No.: _____ Street No. : _____ Village:

_____ Mandal : _____

District: _____ Phone No. _____

Sy. No. _____

Land Details:

Land suitability for installation of structures (it should be based on following documents)

Sr. No.	Type of Record to check	Check List (ADH to write that based on parameters the site is suitable or unsuitable and write accordingly in the below column)
1	Soil Test Report	
2	Water Test Report	
3	Site is not prone to water stagnation	
4	Water Table is not so high to affect foundation and subsequent cultivation	
5	Efficient Drainage (The site should not be land-locked to restrict out flow of water from site)	
6	Isolation Distance (free from obstacles eg.	
a	Minimum distance of 6.5 mtr or equal to the height of boundary wall/other structure whichever is higher	
b	Minimum distance of 5 mtr from electric pole and wires and to avoid site through which electric wires crisscross.	
c	Branches of tree should not touch the proposed structure	
7	Dimension of structure falls within area as per revenue record and <i>sizra</i>	
8	Source of irrigation available or not available	

Signature of Horticulture Officer) Name: _____ Des.: _____

Certified by

Asst. Director of Horticulture with seal.

POONAM MALAKONDAIAH,
APC& PRINCIPAL SECRETARY TO GOVERNMENT.