

## **B) STEPS TO BE FOLLOWED (PROJECT WISE):**

### **1) PACK HOUSE**

#### WORK FLOW FOR PACK HOUSES

| S.No.    | Steps  | Action to be taken |
|----------|--|--------------------|
| <b>A</b> | <b>Before Sanction</b>   |                    |
| 1        | Obtaining Project proposals from farmers   | ADH                |
| 2        | Scrutiny of the proposal as per check list   | ADH                |
| 3        | Obtaining DMC approval   | ADH                |
| 4        | Issue of administrative sanction   | Dist. Collector    |
| <b>B</b> | <b>After Sanction</b>  |                    |
| 5        | To monitor the completion of the Pack House within 6 months  |                    |
| 6        | Obtaining the required bills and scrutiny  | ADH                |
| 7        | Constitution of Joint inspection team for inspecting the Pack House obtaining photographs depicting all the components of pack house with joint inspection team. | ADH                |
| 8        | Sending proposal along with joint inspection report to State cell for release of assistance  | ADH                |
| 9        | Release of assistance to farmers through online transfer   | State cell         |

In respect of the Joint inspection, the ADH shall organize Joint inspection of the Pack House in presence of promoter duly constituting a committee with the following members:

- 1) Assistant Director of Horticulture (concerned)
- 2) Horticulture Officer
- 3) Horticulture Engineer

The joint inspection report should be sent in format with all necessary certifications.

The ADHs are requested to scrutiny the project proposals of pack houses at their level and maintain the proposals for record purpose in their office and need not forward to State cell. They are requested to obtain the DMC approval and send copy of DMC approval duly attesting and forward to Head Office along with Joint Inspection Report for release of subsidy.

#### **Title of the land and copy of record of right**

The title of the piece of land on which the project is proposed to be set up should be in the name of applicant in the capacity of owner or lessee for minimum period of 10 years. In case of land leased, lease deed it should be registered with the Authority like office of Sub-Registrar, etc. A latest copy of record of right showing this fact should be enclosed with the application. Mortgaged land shall not be treated at par with lease even if the credit institution might have considered so. Similarly, Power of Attorney given by owner of land in favour of applicant shall not qualify him for benefit under the scheme.

**Annexure-I**

| <b>Requirements and Costing for a small Pack House</b> |   |   |            |              |                       |                        |
|--|---|---|------------|--------------|-----------------------|------------------------|
| <b>Sl. No</b>  | <b>Detail of structure</b>  | <b>Specifications/Details</b>   | <b>Qty</b> | <b>Units</b> | <b>Unit rate (Rs)</b> | <b>Total Cost (Rs)</b> |
| A  | Land  | Near Metal road, near well, power pole etc  | 500        | yds          |                       | Farmer's Own           |
| B  | Expenditure Item  |   |            |              |                       |                        |
| <b>1</b>   | <b>Civil Structure</b>  |   |            |              |                       |                        |
| 1.1  | Site levelling etc  | Levelling land and to make it motorable inside the premises   | 500        | yds          | 18                    | 9000                   |
| 1.2  | 30X20' Packing hall   | 30X20 ft with GI/Asbestos roof, Hard cement flooring, Windows doors of country wood.  | 600        | sft          | 425                   | 275000                 |
| <b>2</b>   | <b>Mechanical</b>   |   |            |              |                       | 0                      |
| 2.1  | Packing /grading Table (for Mango growers only)                         | 4'X8' of GI or SS material, with 100mm side protection to stop roll off and with provision to drain water                                 | 1          | Nos          | 18000                 | 14000                  |
| 2.2  | Washing sheets (HDPE)   | Of plastic of not less than 5' length and 2.6' ft width   | 2          | Nos          | 3750                  | 7500                   |
| 2.3  | Weighing Machine  | To weigh upto 300 kgs with an accuracy of + or - 0.1 Kg with atleast 400X 600mm plat form   | 1          | Nos          | 8000                  | 8000                   |
| 2.4  | Chemical Treatment Washing Tubs (Cement)                                |   | 3          | Nos.         | LS                    | 4000                   |
| 2.5  | Desaping Units (for Mango growers only)                                 | 1.2 – 1.5mtr.(L)x0.8 – 1.0mtr.(W) x20cm (H);GI rods covered with ½" PVC Pipes   | 6          | Nos.         | 1500                  | 9000                   |
| 2.6  | Dhapoli Harvestors (for Mango growers only)                             |   | 12         | Nos.         | 400                   | 4800                   |
| <b>3</b>   | <b>Electrical</b>   |   |            |              |                       | 0                      |
| 3.1  | Meter with connection   | Single Phase or three phase connection including deposit  | 1          | No           | 6500                  | 6500                   |
| 3.2  | Electrical Wiring with fuses, switches, holders, bulbs, fans etc.       | 5 Tube lights, 3 Fans with 2 Hrs. back up   | 1          | Set          | 7000                  | 7000                   |
| <b>4</b>   | <b>Water System</b>   |   |            |              |                       | 0                      |
| 4.1  | Water tank with support   | Plastic "Sintex" or equivalent or cement based located at height either outside or with separate support of at least 2000 litres capacity | 1          | Nos          | 12500                 | 12500                  |
| 4.2  | Watering pipe   | Running parallel to packing hall with at least three taps and flexible water pipe with shower arrangement of 50' length minimum.          | 100        | Rft          | 25                    | 2500                   |
| 5  | Other assets Small office table, three chairs, almairah, Wooden showels |   | 1          | LS           | 5000                  | 5000                   |
| 6  | Plastic Crates  | 40 Ltrs. Capacity (25 kgs.)   | 250        | Nos.         | 240                   | 60000                  |
| 7  | Inverter (Optional)   |   |            | 1            | 8000                  | 8000                   |
|  |   |   |            |              | <b>TOTAL</b>          | <b>4,32,800</b>        |

**LIMITED TO Rs.4,00,000/- (Rupees Four Lakhs only)**

**Signature**

**Annexure-II**

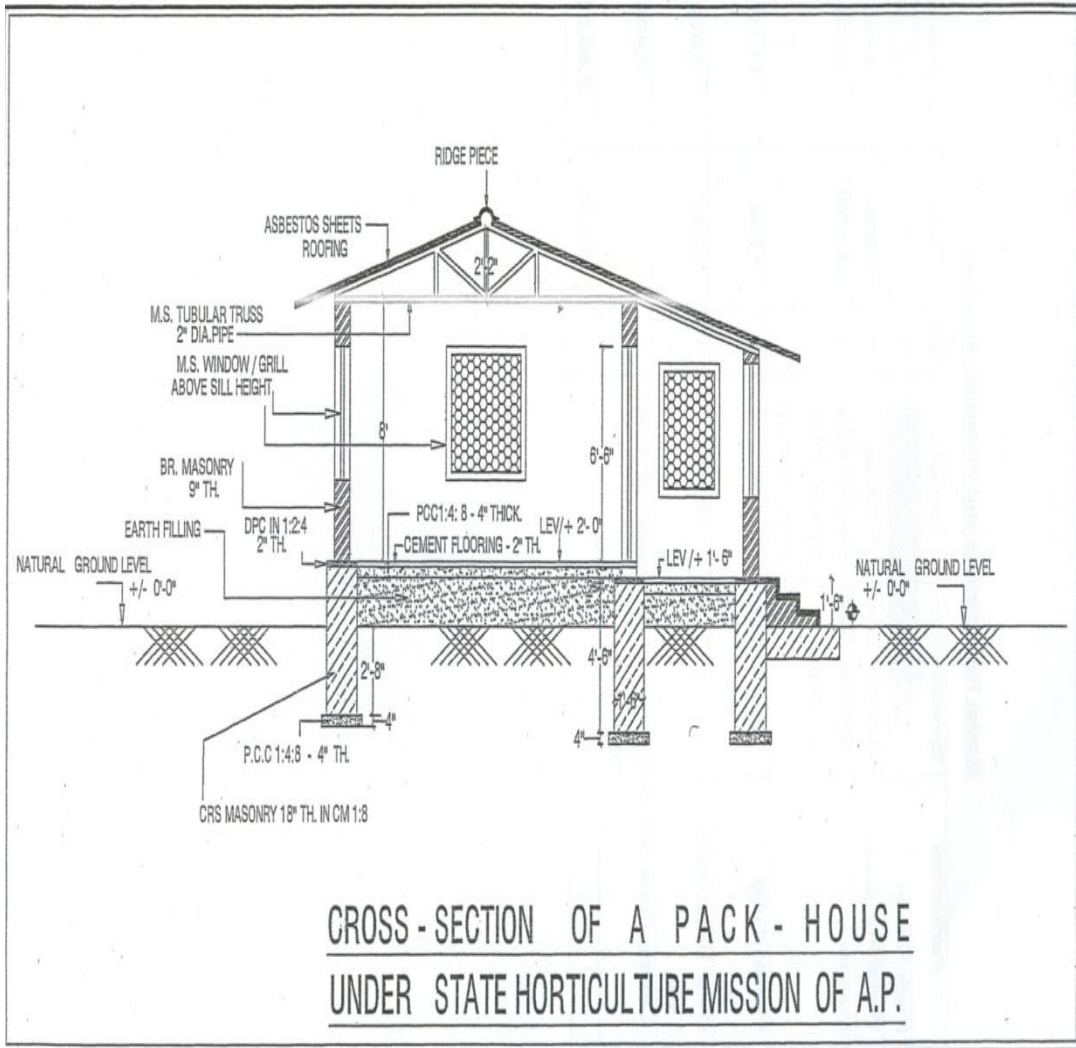
**ESTIMATE FOR THE PROPOSED MODEL PACK HOUSE - SIZE - 30' X 20' = 600 SFT UNDER M.I.D.H.**

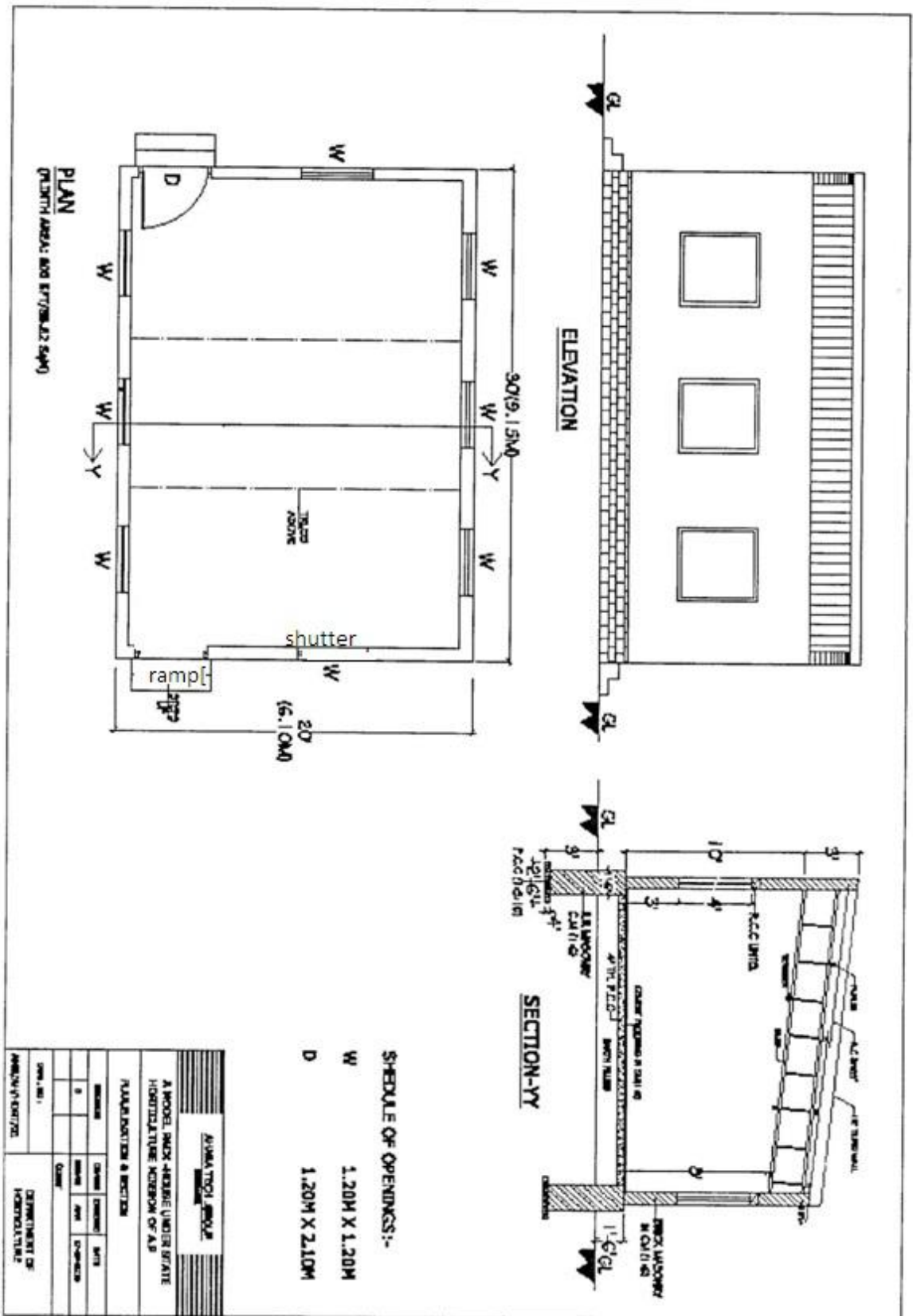
| S.NO. | Description of work  | Quantity | Rate    | Per  | Amount (Rs) |
|-------|--|----------|---------|------|-------------|
| 1     | Earth work excavation in all types of soils for walls and for columns footings as per drawing or as directed by the including dewatering shoring, sheeting, shuttering if necessary all leads, lifts, delifts and back filling trenches with watering and tamping on either of stone masonry upto Ground level, spreading and levelling surplus earth as directed wih in the premises etc., complete | 20.60    | 210.00  | Cum. | 4326        |
| 2     | Providing and laying in line and level in cement concrete (1:4:8) Proportion using 40mm guage hard granite well graded aggregate including dewatering, machine mixing, shuttering, vibrating, ramming curing, all leads, lifts, delifts, etc., complete.   |          |         |      |             |
| a)    | Under foundations  | 2.26     | 3000.00 | Cum. | 6758        |
| b)    | Under flooring   | 4.29     | 3000.00 | Cum. | 12870       |
| 3     | Providing and constructing CRS masonry with cement Mortar (1:6) Proportion in basement including curing, dewatering, lead, lift, delift etc., complete   | 17.18    | 2500.00 | Cum. | 42950       |
| 4     | Earth filling in basement and/or plinth with soils of approved quality/borrowed with standard specifications in layers of 150 mm to 230 mm (6" to 9") including watering and tamping and thoroughly consolidating.   | 15.15    | 165.00  | Cum. | 2499.75     |
| 5     | RCC WORK: Reinforced concrete work conforming to IS 456 in M20 Proportion using 6mm to 20mm guage metal with steel centring or form work required including mild or tor steel reinforcement.   | 1.03     | 8678.00 | Cum. | 8938.34     |
| 6     | Providing and constructing Super structure in 230mm (9") thick wall in cement mortar (1:6) in line and level including watering, curing, lead, lift, delift, cost and conveyance of all materials to site, all incidental and operational charges etc., complete   | 19.90    | 4000.00 | Cum. | 79600       |

|    |   |        |         |     |         |
|----|---|--------|---------|-----|---------|
| 7  | Providing and applying 20mm (3/4") thick cement plastering to walls in two coats out of which first coat of 16mm (5/8") thick shall be in cement mortar (1:5) Proportion and the second coat of 4mm (1/8") thickness in cement mortar (1:3) Proportion with sponge finish or fine finish as directed, in line and level including watering, curing, all leads, lifts, delifts, cost and conveyance of all materials to site, all incidental and operational all charges etc., complete. | 190.24 | 165.00  | Sqm | 31389.6 |
| 8  | Providing and applying raised and cut pointing over exposed surface of CRS masonry in cement mortar (1:1) including all cost of material, labour, lead, lift, etc., complete course.  | 18.58  | 130.00  | Sqm | 2415.4  |
| 9  | Providing and laying cement flooring in cement mortar (1:3) with a floating coat of cement slurry and making squares of 2'X2' including all operational charges curing, lead, lift, etc., complete.   | 49.00  | 225.00  | Sqm | 11025   |
| 10 | Supply and fixing of flush doors in M.S. box frame in 125 X 64mm thick fabricated in 1mm thick sheet with shutter of black board solid core 35mm thick, covered both the surfaces with commercial ply, duly painted two coats of enamel with luppum putty, with the following specifications etc., including cost of c.c. bed blocks in (1:2:4) filling the inner portion of frame with cement mortar (1:8) etc., completer   |        |         |     |         |
| a) | M.S. box frame: 127mm X 64mm 12mm X 35mm rebate   |        |         |     |         |
| b) | Hold Fast: iron hold fasts, 6 Nosebeded in cement concrete (1:2:4)  | 2.00   | 5760.00 | Nos | 11520   |
| c) | Hinges: 150mm X 40mm iron anodized butt hinges with nettle fold screws 3 Nos or as required   |        |         |     |         |
| d) | Shutter: 40mm thick black board of solid core of approved quality   |        |         |     |         |
| e) | Tower Bolts: aluminium  |        |         |     |         |
|    | i) 200mm long - 1 No  |        |         |     |         |
|    | ii) 150mm long - 1 No   |        |         |     |         |

|    |  |        |         |     |   |
|----|--|--------|---------|-----|---|
| f) | Handle: aluminium  |        |         |     |   |
|    | i) 150mm long - 2 Nos  |        |         |     |   |
| g) | Stoppers: double barrel  |        |         |     |   |
| h) | Aldrop: - 1 No   |        |         |     |   |
| i) | Enamel painting two coats with wood primer and two coats of luppum finish of approved quality, colour and shade  |        |         |     |   |
| 11 | Supplying and fixing of Glazed M.S. Windows with 10mm square guard bars at 150mm c/c including hardware and 4mm glass  | 11.90  | 3500.00 | Sqm | 41650   |
| 12 | Supplying fabricating and erecting in position M.S. tubular trusses in 2" dia "B" class pipe including providing and applying two coats of enamel paint with anti corrosive red oxide primer including all operational charges lead, lift etc., complete | 0.75   | 75000   | M.T | 56250   |
| 13 | Providing and laying asbestos sheets roof with charminar asbestos sheets with the required ridge piece including all operational charges lead, lift, etc., complete.   | 59.94  | 150.00  | Sqm | 8991  |
| 14 | Providing and applying two coats of suryacem paint over the plastered surfaces including cleaning the floor etc., complete.  | 183.45 | 21      | Sqm | 3852.45   |
|    |  |        |         | Rs  | <b>325057.54</b><br><b>say</b><br><b>325000/-</b> |

Note: Units, Measurements, quantities & rates are only indicative according to SSR-2013 and the total amount is limited to Rs. 2,75,000/- only.





Signature of the Regd. Civil Engineer with Seal.

## CHECK LIST FOR PACK HOUSE UNIT

| S. No. | DESCRIPTION                                  | PAGE NO |
|--------|--|---------|
| 1.     | Application Form along with Appraisal Report |         |
| 2.     | Detailed Project Report MIDH Guidelines      |         |
| 3.     | DMC Approval                                 |         |
| 4.     |  |         |
| 5.     |  |         |



**APPLICATION FOR AVAILING ASSISTANCE / SUBSIDY UNDER MIDH**

**(COMPONENT: PACK HOUSE)**

**Name of the Scheme: Post Harvest Management**

- 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 Pass Book / Adangal)
- 6 Source of Irrigation (Open well / :  
Bore well / Canal)
- 7 Name of the Financing Bank, :  
Loan Amount Proposed
- 8 Whether any Govt. Subsidy :  
availed previously
- 9 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 MIDH Cell 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 A.P., including recovery of the subsidy amount with 12% interest to the Government.

- Enclosures:** 1. Affidavit  
2. Pattadar Pass Book  
3. Detailed Project Estimate by Civil Engineer  
(Regd. No. along with Seal)

**Signature of the Farmer / Entrepreneur.**

Recommendations of the Horticulture Officer : \_\_\_\_\_

Horticulture Engineer

**Horticulture Officer**

**Asst. Director of Horticulture.**

**FORMAT TO CONDUCT FINAL AND JOINT INSPECTION OF PACK HOUSE BY THE COMMITTEE UNDER POST HARVEST MANAGEMENT COMPONENT OF MIDH, AP.**

Name of the Unit: ..... Place: ..... District: .....

| As per project report   |   |          |                 | As per the inspection and actual investment |  |  |  |
|---|---|----------|-----------------|---|--|--|--|
| Details   | Specifications/Details  | Qty      | Total Cost (Rs) |   |  |  |  |
| <b>Civil Structure</b>  |   |          |                 |   |  |  |  |
| Site levelling etc  | Levelling land and to make it motorable inside the premises   | 500      | 9000            |   |  |  |  |
| 30X20' Packing hall   | 30X20 ft with GI/Asbestos roof, Hard cement flooring, Windows doors of country wood.  | 600 sft. | 275000          |   |  |  |  |
| <b>Mechanical</b>   |   |          |                 |   |  |  |  |
| Packing /grading Table (for Mango Growers only)                         | 4'X8' of GI or SS material, with 100mm side protection to stop roll off and with provision to drain water                                 | 1        | 14000           |   |  |  |  |
| Washing sheets (HDPE)   | Of plastic of not less than 5' length and 2.6' ft width   | 2        | 7500            |   |  |  |  |
| Weighing Machine  | To weigh upto 300 kgs with an accuracy of + or - 0.1 Kg with at least 400X 600mm plat form  | 1        | 8000            |   |  |  |  |
| Chemical Treatment Washing Tubs (Cement)                                |   | 3        | 4000            |   |  |  |  |
| Desaping Units (for Mango Growers only)                                 | 1.2 – 1.5mtr.(L)x0.8 – 1.0mtr.(W) x20cm (H);GI rods covered with ½”PVC Pipes  | 6        | 9000            |   |  |  |  |
| Dhapoli Harvesters (for Mango Growers only)                             |   | 12       | 4800            |   |  |  |  |
| <b>Electrical</b>   |   |          |                 |   |  |  |  |
| Meter with connection   | Single Phase or three phase connection including deposit  | 1        | 6500            |   |  |  |  |
| Electrical Wiring with fuses, switches, holders, bulbs, fans etc.       | 5 Tube lights, 3 fans, with 2 hrs backup  | 1        | 7000            |   |  |  |  |
| <b>Water System</b>   |   |          |                 |   |  |  |  |
| Water tank with support   | Plastic “Sintex” or equivalent or cement based located at height either outside or with separate support of at least 2000 litres capacity | 1        | 12500           |   |  |  |  |
| Watering pipe   | Running parallel to packing hall with at least three taps and flexible water pipe with shower arrangement of 50' length minimum.          | 100 Rft  | 2500            |   |  |  |  |
| Other assets Small office table, three chairs, almairah, Wooden showels |   | LS       | 5000            |   |  |  |  |
| Plastic Crates  | 40 Ltrs. Capacity (25 kgs.)   | 250      | 60000           |   |  |  |  |
| Inverter (Optional)   |   |          | 8000            |   |  |  |  |
|   |   |          | <b>4,32,800</b> |   |  |  |  |

**LIMITED TO Rs.4,00,000/- (Rupees Four Lakhs only)**

**Certificates:**

- 1) This is to certify that Sri./ Smt. \_\_\_\_\_ has established Pack House as per project report and norms of MIDH.
- 2) This is to certify that all the original purchase bills of the items mentioned above have been verified and found correct.
- 3) This is to certify that Sri./ Smt. \_\_\_\_\_ is eligible to avail subsidy of Rs. .... and the same may be released.

**Farmer**

**H.E.**

**H.O.**

**ADH**

**DDH**