



PROJECT REPORT ON PACK HOUSE

**DETAILED ESTIMATE FOR CONSTRUCTION OF PACK HOUSE
(ON FARM GRADING AND COLLECTION UNIT)**

Sl No	Item of Work	Amount Rs.P.
1.	Earthwork in hard soil or gravelly soil within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the department: Longwall:2X9.4mX0.75mX0.9m= 12.69 cum Shortwall:4X4.9mX0.75mX0.9m = 13.23 cum Total: 25.92 cum @Rs.52.01/cum, for 25.92cum	1348.00
2	Filling in foundation and plinth with sand watered and rammed Longwall:2X9.4mX0.75mX0.15m= 2.115 cum Shortwall:4X4.9mX0.75mX0.15m = 2.205 cum Total: 4.32 cum @Rs.51.46/cum, for 4.32cum	222.00
3	C.C.(1:4:8) with 4 cm size h.g.metal Longwall:2X9.4mX0.75mX0.15m= 2.115 cum Shortwall:4X4.9mX0.75mX0.15m = 2.205 cum Total: 4.32 cum @Rs.2099.71/cum, for 4.32cum	9071.00
4	Brick work with K.B.bricks having crushing strength not less than 75 kg/cm ² in c.m. (1:6) in foundation and plinth: 1 st Footing: Longwall:2X9.4mX0.75mX0.3m = 3.23 cum Shortwall:4X5.05mX0.6mX0.3m = 3.626 cum 2 nd Footing: Longwall:2X9.10mX0.45mX0.3m = 2.457 cum Shortwall:4X5.2mX0.45mX0.3m = 2.808 cum 3 rd Footing: Longwall:2X9.0mX0.35mX0.6m = 3.78 cum Shortwall:4X5.3mX0.35mX0.6m = 4.452 cum Total: 20.463cum @Rs.2162.72/cum, for 20.463 cum	44256.00
5	Brick work with K.B.bricks having crushing strength not less than 75 kg/cm ² in c.m. (1:6) in super structure: Longwall:2X5.9mX0.25mX3.05m = 8.9975 cum Shortwall:2X5.4mX0.25mX3.05m = 8.235 cum SW: 1X5.4mX0.25mX0.95m = 1.2825 cum Parapet Wall: LW: 2X5.9mX0.25mX0.6m = 1.77 cum SW: 2X5.4mX0.25mX0.6m = 1.62 cum Total:21.905 cum Deductions: For RCC Work:	

	<p>2X9.0mX0.6m + 2X6.0mX0.6m = 18.0 sqm</p> <p>Above Plinth:</p> <p>Outside:</p> <p>4X5.9mX3.05m = 71.98 sqm</p> <p>Inside:</p> <p>4X5.4mX3.05m = 65.88 sqm</p> <p>2X3.6mX3.05m = 21.96 sqm</p> <p>2X1.55mX3.05m = 9.455 sqm</p> <p>Total:187.275 sqm</p> <p>Deductions:</p> <p>Door:2X1.05mX2.0m = 4.2 sqm</p> <p>Windows:2X2X1.5mX1.2m = 7.2 sqm</p> <p>Ventilators:2X4X0.45mX0.3m = 7.2 sqm</p> <p>Verandah Wall:2X5.1mX2.1m = 21.42 sqm</p> <p>Total Deductions:40.02 sqm</p> <p>Net: 147.255 sqm</p> <p>@Rs.51.59/Sqm, for 147.255 sqm</p>	7597.00
11	<p>Filling in the room flooring with sand, watered and rammed:</p> <p>5.25mX3.45mX0.6m = 10.87 cum</p> <p>5.25mX1.5 mX0.6m = 4.725 cum</p> <p>5.25mX2.75mX0.6m = 8.66 cum</p> <p>Total:24.255 cum</p> <p>@ Rs.51.46/cum, for 24.255 cum</p>	1248.00
12	<p>C.C.(1:4:8) in flooring:</p> <p>5.4mX3.6mX0.1m = 1.944 cum</p> <p>5.4mX1.55mX0.1m = 0.837 cum</p> <p>5.4mX2.75mX0.1m = 1.485 cum</p> <p>Total: 4.266 cum</p> <p>@ Rs.2099.71/cum, for 4.266cum</p>	8957.00
13	<p>2.5cm a.s flooring (1:2:4) using 12mm c.b.g.chips:</p> <p>5.4mX3.6m = 19.44 sqm</p> <p>5.4mX1.55m = 8.37 sqm</p> <p>5.4mX2.75m = 14.85 sqm</p> <p>@Rs.128.67/sqm, for 42.66 sqm</p>	5489.00
14	<p>2.5 cm thick grading concrete (1:2:2) on roof slab with 6mm size hard granite chips on new work in ground floor per 1 sqm.</p> <p>6.1mX6.1m = 37.21 sqm</p> <p>@ Rs.132.85/sqm, for 37.21 sqm</p>	4943.00
15	<p>Colour washing and distempering two coats:Inside only</p> <p>As per item no. 10, for 75.185 sqm</p> <p>Add, for roof: 5.4mX3.6m = 19.44 sqm</p> <p>5.4mX1.55m = 8.37 sqm</p> <p>@ Rs.26.26/sqm, for 102.995 sqm</p>	2705.00
16	<p>Cement Washing 2 Coats (Outside):</p> <p>As per item no. 10, 72.07 sqm</p> <p>@ Rs.12.19/sqm, for 72.07 sqm</p>	879.00

17	Fixing doors and window shutters with A.I. frame,m.s.sheet,fittings, cleats, hinges etc. including cost of welding, transportation, labour charges for fitting etc. Doors: 1X1.05mX2.0m = 2.1 sqm Windows: 2X1.2mX1.5m = 3.6 sqm Total:5.7 sqm @25Kg/Sqm, for 5.7 sqm = 142.5Kg @Rs.60.00/kg, for 142.5 Kg	8550.00
18	Fixing Sky lights: 4 nos,0.45mX0.3m = L.S, @Rs.150.00/pc	600.00
19	Add, 10% towards transportation charges of materials to the site	19330.00
20	Construction of an overhead water tank of 4'-0" dia and 4'-0" height and other fittings required for washing the produces L.S.	10000.00
21	Weighing Platform, Balance and other accessories L.S.	45000.00
22	Plastic Crates, 100 Nos @ Rs.300.00/each	30000.00
23	Add for expr on other unforeseen items	2361.00
	G TOTAL	300000.00

(Rupees Three lakh) only.

**DETAILED ESTIMATE FOR CONSTRUCTION OF VERMI-COMPOST UNIT
SIZE:16.0mX3.0mX0.9m**

A : CONSTRUCTION OF TANK

Sl No	Item of Work	Amount Rs.P.
1.	Earthwork in hard soil or gravelly soil within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the department: 16.5m X 3.5m X 0.45m = 25.99 cum Pillars: 10 X 0.45m X 0.45m X 0.7m = 1.42 cum Total: 27.41 cum @Rs.52.01/1cum, for 27.41 cum	1426.00
2	Dry Brick Khoa rammed to 10cm in flooring: 16.5m X 3.5m =57.75 sqm @ Rs.79.29/ sqm, for 57.75 sqm	4579.00
3	Brick work with K.B.bricks having crushing strength not less than 35 kg/cm ² in c.m. (1:6) in foundation and plinth: Longwall:2 X 16.0m X 0.25m X 1.20m = 9.6 cum Shortwall:4 X 2.5m X 0.25m X 1.20m = 3 cum Pillars: 1 st footing: 0.45m X 0.45m X 0.30m X 10 = 0.6 cum 2 nd footing (up to G.L.) : 0.375m X 0.375m X 0.30m X 10 = 0.42 cum Above G.L.: On the centerline (above middle walls): 2 X 1.50m X 0.25m X 0.25m = 0.19 cum On the centerline (Sides) : 2 X 2.35m X 0.25 X 0.25m = 0.29 cum Side Pillars: 8 X 1.60m X 0.25m X 0.25m = 0.8 cum Channel around the pit: 2 X (16.5m + 2.5m) X 0.075m X 0.25m = 0.71 cum 2X (16.5m + 3.25m) X 0.075m X 0.125m = 0.37 cum Total: 15.98 cum @Rs.2162.72/cum, for 15.98cum	34560.00
4	12mm C.P.(1:6) over Brick work: Inside: 3 X 2 X (5.0m + 2.5m) X 1.125m = 50.625 sqm Out side: 2 X (16.0m + 3.0m) X 0.85m = 32.3 sqm Channel: 2 X (16.5m + 3.25m) X 0.58m = 22.91 sqm Total:105.835 sqm Top: 2X (16.0m + 2.50m) X 0.25m – 2X0.25Mx0.25m = 9.125 sqm Pillars: 8 X 1.6m X 1.0m + 2 X 1.5m X1.0m + 2X2.35m X1.0m =20.5 sqm Total:135.46 sqm, @ Rs. 51.59/ sqm, for 135.46sqm	6988.00
5	Cement Punning over Brickwork: As per item no.5, for the pit and channel: 105.835 sqm @ Rs.13.50/sqm, for 105.835 sqm	1429.00
6	Fixing expanded metal net: 16.0m X 3.0m = 48.0 sqm @ Rs.80.00/sqm, for 48 sqm	3840.00
7	Add , for contingency and other unforeseen items including cost of stirring equipment	2178.00
	TOTAL	55000.00

B: CONSTRUCTION OF SHED OVER PIT

Sl No	Item of Work	Amount Rs.P.
1.	Earthwork in hard soil or gravelly soil within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the department: 9X 0.45m X 0.45m X 0.6m = 1.09 cum Total: 1.09 cum @Rs.52.01/cum, for 1.09 cum	57.00
2	Sal bullah (15cm to 20cm dia.)to be used as pillars: 6X2.2m = 13.2m 3X2.95m = 8.85m Total:22.05m @ Rs.94.00/m, for 22.05 m	2073.00
3	Best thatched roofing 15cm thick including split bamboo jaffry on top 2X 21.0m X 3.6m = 151.2 sqm @ Rs.123.76/sqm, for 151.2 sqm	18713.00
4	Add towards contingency and expenditure on unforeseen items	1157.00
	Total	22000.00

1. Estimated cost for construction of tank (Part-A): Rs. 55000.00

2. Estimated cost for construction of shed (Part-B): Rs. 22000.00

3. Cost of culture : Rs. 3000.00

TOTAL COST: Rs. 80000.00

(Rupees Eighty thousand) only.

ESTIMATE FOR ERECTION OF POLY HOUSE

SIZE : 15'-0" X 50'-0" X10'-0"

Sl No	Item of work	Amount Rs.P
1	<p>Earthwork in hard soil or gravelly soil within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the department $22 \times 0.30 \times 0.30 \times 0.60 = 1.19 \text{ cum}$ For skirt wall: $(39.62 \text{m} - 6.6 \text{m}) \times 0.15 \text{m} \times 0.3 \text{m} = 1.48 \text{ cum}$ For Outside drain: $67 \text{m} \times 0.3 \text{m} \times 0.45 \text{m} = 9.05 \text{ cum}$ Total: 11.72 cum @ Rs.52.01/cum, for 11.72cum</p>	610.00
2	<p>M.S.Angle Iron 40mmX40mmX6mm in foundation posts : $18 \times 7'-0'' = 126'-0'' = 38.40 \text{m}$ $38.40 \text{m}, @ 3.5 \text{ Kg/m} = 134.4 \text{ Kg}$</p> <p>M.S.Angle Iron 35mmX35mmX5mm in roof truss, $9 \times 17'-0'' = 153'-0''$ For front and back gates: $4 \times 9'-0'' = 36'-0''$ Total: $189'-0'' = 57.6 \text{m}$ $57.6 \text{m}, 2.6 \text{Kg./m} = 149.8 \text{Kg}$</p> <p>M.S.Angle 25mmX 5mmX5mm for stays, Poly hold etc. Stay: $9 \times 7'-6'' = 67'-6''$ Poly Hold: $(50'-0'' + 16'-0'') \times 2 = 132'-0''$ Total: $199'-6'' = 60.80 \text{m}$ $60.80 \text{m}, @ 1.8 \text{ Kg/m} = 109.44 \text{Kg}$</p> <p>M.S.Flat/Channel: 25mmX 5mm for ridge lines $5 \times 50'-0'' = 250'-0'' = 76.2 \text{m}$ @ 0.98Kg/m, for 76.2m</p> <p>Add for anchors for posts: @ 0.5Kg/post, for 22 posts = 11 Kg</p> <p>Total: 479.34 Kg Add 10% extra for cuts, scraps etc. = 47.93 Kg Total: 527.27 Kg say 527 Kg @ Rs.40.00/Kg, for 527 Kg</p>	<p>134.4 Kg</p> <p>149.8 Kg</p> <p>109.44 Kg</p> <p>74.7 Kg</p> <p>11 Kg</p> <p>21080.00</p>
3	<p>Ultra violet stabilized P.E.sheet of 200 Micron thickness for roof covering: $7.00 \text{m} \times 18.30 \text{m} = 128.10 \text{ m}^2$ add extra 24.00 m^2 Total : 152.10 m^2 or 28.325kg say 28.5 Kg @ Rs.225.00/Kg for 28.5 Kg</p>	6413.00

4	Insect proof net for side covering for 5'-6" height For 40.00 rm, @ Rs.20.00 /rm	800.00
5	G.I.Wire, 6.00 kg, @Rs.75.00/kg	450.00
	Poly Grips made of G.I.Sheet: 132'-0" = 40.23m @Rs.30.00/m, for 40.23m	1207.00
6	U-Clamps 75nos @Rs.10.00/clamp	750.00
7	C.C.(1:4:8) for fixing foundation posts and door frame 22X0.30mX0.30mX0.60m=1.19cum Total : 1.19 cum @ Rs.2099.71/cum,for 1.19 cum	2499.00
8	Thread,Tape etc including labour for stitching	1000.00
9	Fixing A.I.Frame in position (labour only) 8 labourers @Rs.90.00/each	720.00
10	Labour for fixing U.V.sheet,Insect proof net 6 labourers @ Rs.90.00/each .	540.00
11	Fixing Cement Tiles for raised beds 9 beds, @36 Tiles/bed = 324 Tiles @Rs.10.00/Tile, for 324 Tiles	3240.00
12	12.5cm thick Brick wall for skirt wall in c.m. (1:6) Up to G.L.: (39.62m—6.6m) X 0.25m X 0.15m = 1.24 cum Above G.L. : (39.62m—6.6m) X 0.125m X 0.3m = 1.24 cum Total : 2.88 cum @ Rs.2162.72/cum, for 2.88 cum	6229.00
13	Fabrication of Angle Iron as well as other Iron components including hiring charges, transportation of Welding Machine, Cutting, Drilling, Welding and Painting as per specifications	6000.00
14	Transportation of materials to the site, L.S.	2000.00
15	Misc. and other unforeseen items including labour for filling earth and manures in raised beds, artificial lighting inside Poly	2462.00
13	Irrigation inside Poly House L S	4000.00
	Total	60000.00

(Rupees Sixty thousand) only.

ANALYSIS OF RATES

Sl. No.	Item of work	Rate/Unit Rs. P
1	2	3
1	Earthwork in hard soil or gravelly soil within 50m initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7 cm and laying in layers not exceeding 0.3m in depth and as per the direction of the department (For 100 cum) Man mulia, 21.5 nos @ Rs.55.00/-, for 21.5 nos Female Mulia, 21.5 nos @ Rs.55.00/-, for 21.5 nos 2% Sundries, T & P, Supervision charges Total Add, 20% Extra for foundation Total ,per 100 cum	1182.50 1182.50 47.30 2412.30 482.46 2894.76
2	Filling in foundation and plinth with sand watered and rammed : (For 1 cum) Female mulia, 12.36 nos @ Rs.55.00/each, for 12.36 nos. (for 100cum) 2% Sundries, T & P, Total for 100 cum For 1 cum Add, cost of sand, @ Rs.25.00/cum, for 1 cum Lead for sand, @ Rs. 295.00/cum Total, for 1 cum	679.80 13.59 693.39 6.93 25.00 295.00 326.93
3	C.C.(1:4:8) with 4 cm size h.g.metal for 1 cum Crusher broken granite stone, 0.96 cum @ Rs.464.00/cum Sand, screened and washed, 0.48 cum @ Rs.29.00/cum Cement, 1.72 q, @ Rs.341.00/Q Mason, 0.18 nos, @ Rs.75.00/each M.mulia, 1.8 nos @ Rs.55.00/each W.mulia, 1.4 nos @ Rs.55.00/each M.mulia, 0.7 nos @ Rs.55.00/each Sundries Total Add, lead for sand @ Rs.295.00/cum, for 0.48 cum Lead for metal @ Rs.221.00/cum, for 0.96 cum Lead for cement @ Rs.20.50/Q, for 1.72Q Extra cost of cement @ Rs.39.00/Q , for 1.72Q For 1 cum	445.44 13.92 586.52 13.50 99.00 77.00 38.50 12.73 1286.61 141.60 212.60 35.26 67.08 1743.15
4	C.C.(1:3:6) with 4 cm size h.g.metal for 1 cum Crusher broken granite stone, 0.96 cum @ Rs.464.00/cum Sand, screened and washed, 0.48 cum @ Rs.29.00/cum Cement, 2.29 Q, @ Rs.341.00/Q Mason, 0.18 nos, @ Rs.75.00/each M.mulia, 1.8 nos @ Rs.55.00/each W.mulia, 1.4 nos @ Rs.55.00/each M.mulia, 0.7 nos @ Rs.55.00/each Sundries Total Add, lead for sand @ Rs.295.00/cum, for 0.48 cum Lead for metal @ Rs.221.00/cum, for 0.96 cum Lead for cement @ Rs.20.50/Q, for 2.29Q Extra cost of cement @ Rs.39.00/Q , for 2.29Q For 1 cum	445.44 13.92 780.09 13.50 99.00 77.00 38.50 14.67 1482.12 141.60 212.16 46.94 89.31 1972.13

5	<p>R.R.H.G.Stone masonry in c.m. (1:6) in foundation and plinth (for 1 cum)</p> <p>i)Rough stone granite including bond stone,1 cum @ Rs.95.00/cum</p> <p>ii)sand,0.34 cum,@Rs.29.00/cum</p> <p>iii)Cement,0.8151Q,@ Rs.341.00/Q</p> <p>iv)Mason,1st class,0.35 nos @ Rs.85.00/day</p> <p>v)2nd class mason,1.41 nos 2 Rs.75.00/day</p> <p>vi)Mulia,3.17 nos @ Rs.55.00/day</p> <p>viii)Sundries,T & P etc,2%</p> <p>Total</p> <p>Add,lead for sand,@Rs.295.00/cum,for 0.34cum</p> <p>Lead for stone,@Rs.85.00/cum,for 1 cum</p> <p>Lead for cement,@ Rs.20.50/q, for 0.8151Q</p> <p>Extra cost of cement @ Rs.39.00/Q , for 0.8151Q</p> <p>Total,for 1 cum</p>	<p>121.00</p> <p>9.86</p> <p>277.94</p> <p>29.75</p> <p>105.75</p> <p>174.35</p> <p>14.37</p> <p>733.02</p> <p>100.30</p> <p>85.00</p> <p>16.70</p> <p>31.78</p> <p>966.60</p>
6	<p>Brick work with C.B.bricks having crushing strength not less than 35 kg/cm² in c.m. (1:3) in foundation and plinth:</p> <p>Mason spl. 0.35 @ Rs.85.00/each</p> <p>Mason,1.05 @ Rs.75.00/each</p> <p>m.mulia,1.41 nos @ Rs.55.00/each</p> <p>W.mulia 1.41 nos @ Rs.55.00/each</p> <p>Preparing mortar and getting water</p> <p>Bricks 350 nos @ Rs.1568.00/1000 nos</p> <p>Sand 0.28 cum @ Rs.29.00/cum</p> <p>Cement 1.33 Q @ Rs.341.00/Q</p> <p>Sundries,</p> <p>Total</p> <p>Add,lead for sand @ Rs. 295.00/cum,for 0.28 cum</p> <p>Lead for brick @ Rs.270.00 /cum,for 1 cum</p> <p>Lead for cement @ Rs.20.50 /Q,for 1.33Q</p> <p>Extra cost of cement @ Rs.39.00/Q , for 1.33Q</p> <p>Total: for 1 cum</p> <p>Brick work in supper structure</p>	<p>29.75</p> <p>78.75</p> <p>77.55</p> <p>77.55</p> <p>5.27</p> <p>548.80</p> <p>8.12</p> <p>453.53</p> <p>12.79</p> <p>1292.11</p> <p>82.60</p> <p>270.00</p> <p>27.26</p> <p>51.87</p> <p>1723.84</p> <p>1756.84</p>
7	<p>Brick work with C.B.bricks having crushing strength not less than 35 kg/cm² in c.m. (1:6) in foundation and plinth:</p> <p>Mason spl. 0.35 @ Rs.85.00/each</p> <p>Mason,1.05 @ Rs.75.00/each</p> <p>m.mulia,1.41 nos @ Rs.55.00/each</p> <p>W.mulia 1.41 nos @ Rs.55.00/each</p> <p>Preparing mortar and getting water</p> <p>Bricks 350 nos @ Rs.1568.00/1000 nos</p> <p>Sand 0.28 cum @ Rs.29.00/cum</p> <p>Cement 0.672 Q @ Rs.341.00/Q</p> <p>Sundries,</p> <p>Total</p> <p>Add,lead for sand @ Rs. 295.00/cum,for 0.28 cum</p> <p>Lead for brick @ Rs.270.00 /cum,for 1 cum</p> <p>Lead for cement @ Rs.20.50 /Q,for 0.672Q</p> <p>Extra cost of cement @ Rs.39.00/Q , for 0.672Q</p> <p>Total: for 1 cum</p> <p>Brick work in supper structure</p>	<p>29.75</p> <p>78.75</p> <p>77.55</p> <p>77.55</p> <p>5.27</p> <p>548.80</p> <p>8.12</p> <p>229.15</p> <p>10.54</p> <p>1065.48</p> <p>82.60</p> <p>270.00</p> <p>13.77</p> <p>26.20</p> <p>1458.05</p> <p>1491.05</p>

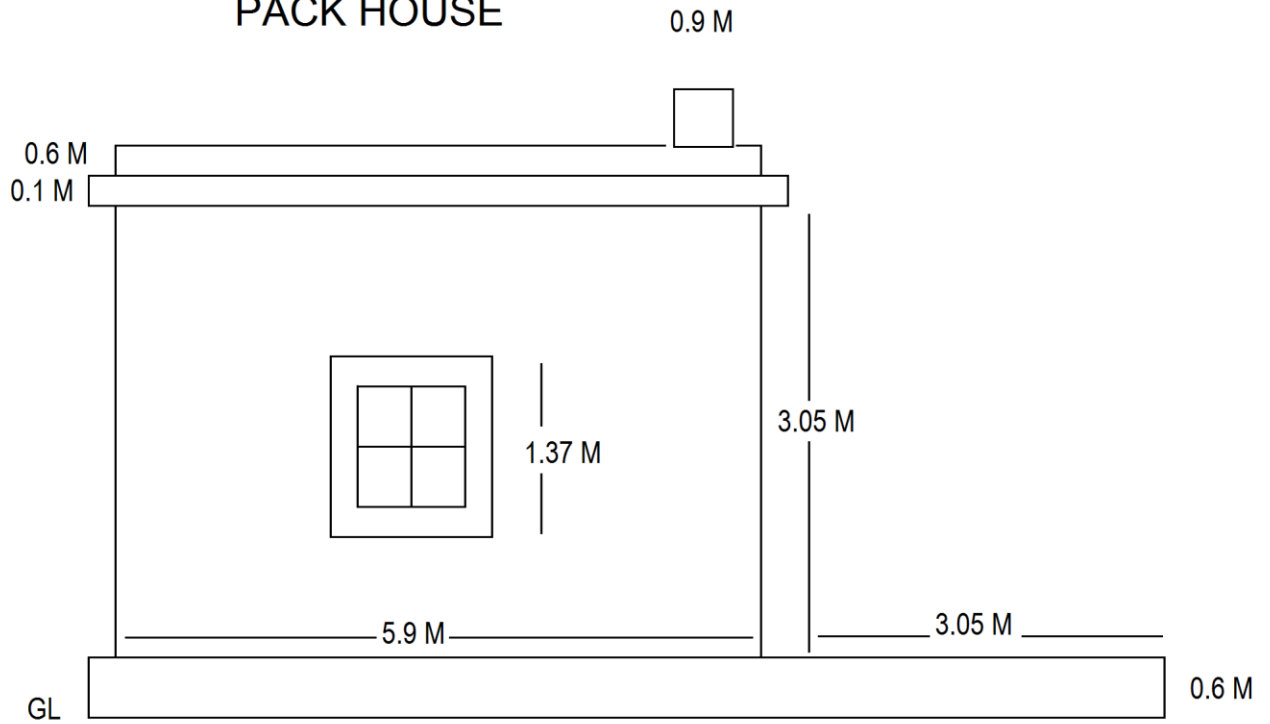
8	12mm.thick c.p.(1:3) over brick work Sand,screened and washed,0.015 cum @ Rs.29.00/cum Cement 0.0715Q @ Rs.341.00/Q Mason 0.14 nos @ Rs.75.00/each M.mulia 0.05 @ Rs.55.00/each W.mulia 0.05 @ Rs.55.00/each M.mulia 0.02 @ Rs.55.00/each Sundries Total Add,lead for sand @ Rs.295.00/cum,for 0.015 cum Lead for cement @ Rs.20.50/Q,for 0.0715Q Extra cost of cement @ Rs.39.00/Q , for 0.0715Q Total,for 1 sqm	0.43 24.38 10.50 2.75 2.75 1.10 0.41 42.32 4.42 1.46 2.78 50.98
9	12mm.thick c.p.(1:6) over brick work Sand,screened and washed,0.015 cum @ Rs.29.00/cum Cement 0.0358Q @ Rs.341.00/Q Mason 0.14 nos @ Rs.75.00/each M.mulia 0.05 @ Rs.55.00/each W.mulia 0.05 @ Rs.55.00/each M.mulia 0.02 @ Rs.55.00/each Sundries Total Add,lead for sand @ Rs.295.00/cum,for 0.015 cum Lead for cement @ Rs.20.50/Q,for 0.0358Q Extra cost of cement @ Rs.39.00/Q , for 0.0358Q Total,for 1 sqm	0.43 12.20 10.50 2.75 2.75 1.10 0.29 30.02 4.42 0.73 1.39 36.56
10	White washing 2 coats with shell lime For 93 sqm,Shell lime,18.66 Kg.,@ Rs.13.00/Kg Mason,1 no @ Rs.75.00/each m.mulia @ Rs.55.00/each,for 0.75 nos sundries Total,for 93 sqm For 1 sqm	242.58 75.00 41.25 3.58 362.41 3.90
11	Dry Brick Khoa rammed to 10cm in flooring, per 1 sqm Khoa,4cm size,0.14 cum @ Rs.220.00/cum Mason 0.05 nos,@ Rs.116.00/each m.mulia @ Rs.90.00/each,for 0.16 nos w.mulia @ Rs.90.00/each,for 0.22 nos 10% o.h.c. sundries Total	30.80 5.80 14.40 19.80 7.08 1.41 79.29

12	<p>2.5 cm a.s.flooring with C.C.(1:2:4) including punning using 12mm c.b.g.chips c.b.g. chips,0.023cum,@ Rs.642.00/cum sand,0.012cum,@ Rs.29.00/cum cement,@ Rs.341.00/Q,for 0.0858Q m.mulia @ Rs.55.00/each,for 0.03 nos m.mulia @ Rs.55.00/each,for 0.22 nos m.mulia @ Rs.55.00/each,for 0.11 nos sundries Total Add,lead for sand @ Rs.295.00/cum,for 0.012 cum Lead for chips @ Rs.221.00/cum,for 0.023 cum Lead for cement @ Rs.20.50/Q,for 0.0858Q Extra cost of cement @ Rs.39.00/Q , for 0.0858Q Total for 1 sqm</p>	<p>14.76 0.34 29.25 1.65 12.10 6.05 1.28 65.35 3.54 5.08 1.75 3.34 79.06</p>
13	<p>Rigid and smooth centring for RCC works including false works and dismantling them after casting including cost of materials complete in ground floor, per 1 sqm For 9 sqm Wood:0.112cum @ Rs.14548.00/cum :1629.00 Planks: <u>0.34cum @ Rs.14548.00/cum</u> :4946.32 120mm dia bullah: 56m @Rs.52.00/rm :2912.00 Carriage of wood:1.142cum @85.00/1.25cum :97.07 Total:9584.37/10 = 958.43 Carpenter : 2.75nos @85.00 =233.75 Sangi mulia:2.75 nos @ 55.00 = 151.25 Sundries and nails: (9%) : 34.65 Total: Rs.1378.08 For 1 sqm</p>	<p>153.12</p>
14	<p>C.C.(1:2:4) with 12mm c.b.g.chips for R.C.C. works including hoisting and laying: c.b.g. chips,0.90cum,@ Rs.642.00/cum sand,0.45cum,@ Rs.29.00/cum cement,@ Rs.341.00/Q,for 3.23Q mason 0.18cum @ Rs.75.00/cum m.mulia @ Rs.55.00/each,for 1.8 nos w.mulia @ Rs.55.00/each,for 1.4 nos m.mulia @ Rs.55.00/each,for 1.4 nos mason 0.5nos @ Rs.75.00/each sundries watering,curing,T & P, and lifting and laying concrete at a height of 5m maxm. Total Add,lead for sand @ Rs.295.00/cum,for 0.45 cum Lead for chips @ Rs.221.00/cum,for 0.9 cum Lead for cement @ Rs.20.50/Q,for 3.23Q Extra cost of cement @ Rs.39.00/Q , for 3.23Q For1 cum</p>	<p>571.00 13.05 1101.43 13.50 99.00 77.00 77.00 37.50 19.89 100.46 2109.83 132.75 198.90 66.21 125.97 2633.66</p>
15	<p>Labour for M.S.reinforcement for R.C.C.Works Blacksmith 1 @ Rs.75.00/each Semi skilled mulia 1 @ Rs.65.00/each Sundries,wires etc. Total for 1 Q</p>	<p>75.00 65.00 35.00 175.00</p>
16	<p>m.s.rod,Rate/Q Add t.c/Q Total</p>	<p>2881.70 20.00 2901.70</p>
17	<p>Labour for fixing gates in position, As per actual, per each</p>	<p>Rs.105.00</p>

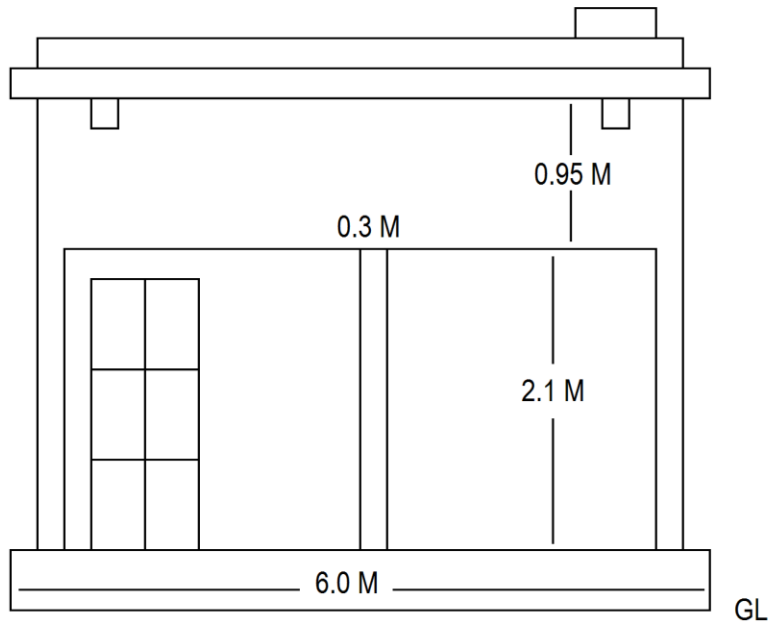
18	Colour washing 2 coats with shell lime and colouring materials including all complete,Data for 93 sqm Shell Lime,18.66 Kg @ Rs. 13.00/Kg, Mason,1 no @ Rs.75.00/each m.mulia @ Rs.55.00/each,for 0.75 nos sundries Total,for 93 sqm Add for extra labour and colouring materials Total For 1 sqm.,	242.58 75.00 41.25 3.58 362.41 26.17 386.58 4.15
19	Labour for fixing big six or Trafford A.C.sheet in roof including fixing of ridges,wind ties etc. complete but excluding the cost of fittings including drilling holes in wind ties,Data for 9.3 sqm Carpenter (Spl.):1no @ Rs.85.00/each Mulia,3 nos.@ Rs. 55.00/each Sundries,2% Total Rate per sqm Cost of A.C.sheet/sqm Rate per sqm	85.00 165.00 5.00 255.00 27.41 196.00 223.41
20	Painting two coats with approved paint,(Labour only) Data for 9.30 sqm Painter,spl.,1.25 nos @ Rs.85.00/each Mulia,1.10 nos,@ Rs.55.00/each Sundries,2% Total Rate/sqm Cost of paint,172.00/lit,for 0.125lt. Rate/sqm	106.25 60.50 3.33 170.08 18.28 21.50 39.78
21	Priming 1 coat with approved primer Data for 9.30 sqm Painter,spl.,0.5 nos @ Rs.85.00/each Mulia,0.5 nos,@ Rs. 55.00/each Sundries,2% Total Rate/sqm Cost of primer,88.00/lit,for 0.054lt. Rate/sqm	42.50 27.50 1.40 71.40 7.67 4.40 12.07
22	Green fencing in a staggered manner, in two lines, per 100m	Rs.273.00
23	1" dia medium duty G.I.Pipe/m (As per actual)	125.00
24	1 1/2" dia medium duty G.I.Pipe/m (As per actual)	Rs.150.00
25	3/4" dia medium duty G.I.Pipe/m (As per actual)	75.00
26	Cost of Shade Net,75% Shade,per m ²	Rs.30.00
27	Cost of UV sheet,200 micron thick, per 1 kg (As per actual)	215.00
28	(1:2:4) R.C.C.fencing posts with 5"X5" base,3"X3" top,6'-6" long,cost as per actual lead per each For each	165.00 10.00 175.00
29	Cost of 4 point,2 ply SWG-12 barbed wire including transportation charges,Per Q.,as per actual Lead/Q Cost/Q	Rs.450.00 Rs.20.00 Rs.470.00
30	Labour for fixing barbed wire to fencing posts by means of staples and straining hooks by tying with G.I. wire including cost of staples,hooks,tying wire,each line each m	Rs.0.50

31	Cost of gates of A.I.M.S.Flat including cutting,welding,painting,cost of hooks,hinges and transportation as per actual,per 1 kg.	35.00
32	2.5cm DPC (1:2:4) with ½” c.b.g.chips,per 1 sqm Chips : <u>0.023cum @ Rs.642.00/cum</u> Sand :0.012cum @ Rs.29.00/cum Cement: 0.0754Q @Rs.341.00/Q Man mulia:0.33nos @Rs.55.00/each Mason 1 st Class 0.103 nos @ Rs.85.00/each Sundries Total Lead for sand @Rs.295.00/cum, for 0.012cum Lead for cement:@Rs.20.50/Q, for 0.0754Q Extra cost of cement @ Rs.39.00/Q, for 0.0754Q Total	14.76 0.34 25.71 18.15 8.75 0.67 68.38 3.54 1.54 2.94 76.40
33	Cement Punning, per 1 sqm Mason Spl : 0.027nos @Rs.129.00/each Woman mulia: 0.027nos @ Rs.90.00/each Cement: 0.0114Q @ Rs.540.00/Q 10% O H C Sundries Total	3.48 2.43 6.15 1.20 0.24 13.50
34	Mud and cowdung leaping: (For 9.3 sqm) W.mulia:0.33nos @Rs.55.00/each Sundries Total For 1 sqm	18.15 0.18 18.33 1.97
35	Poly Grip made of G.I.Sheet, per m length, As per market rate	20.00
36	12 gauge wire, Asper market rate per Kg	45.00
37	U-Clamp:As per market rate, per piece	5.00
38	Insect proof net:As per market rate, per m length	20.00
39	Hiring charges of Tractor/hour	300.00
40	16mm thick Cement Plaster in c.m.(1:6) over stone masonry,for 1 sqm i)sand,0.018cum,@ Rs.29.00/cum ii)Cement,0.043 Q,@ Rs.341.00/Q iii)Mason,2 nd Class,0.16 nos.,@ Rs. 75.00/day iv)Mulia,0.24 nos @ Rs.55.00/day vi)T&P,2% Total Add,lead for sand,@Rs.295.00/cum,for 0.018cum Lead for cement,@ Rs.20.50/Q,for 0.043Q Extra cost of cement, @ Rs.39.00/Q Total for 1 Sqm	0.52 14.66 12.00 13.20 0.80 41.18 5.31 0.88 1.67 49.04
41	Conveying from stacks and laying moorum in sub-base in layers not exceeding 22.5cm, watering and compacting to required capacity (for 2.83 cum) M.Mulia 1.5nos @ Rs.55.00/each W.Mulia 1.5 nos @ Rs.55.00/each Sundries 1% Total Total/cum Add, cost of moorum and lead (121.00+45.00) Total/cum	82.50 82.50 1.65 166.65 58.88 166.00 224.88

PACK HOUSE

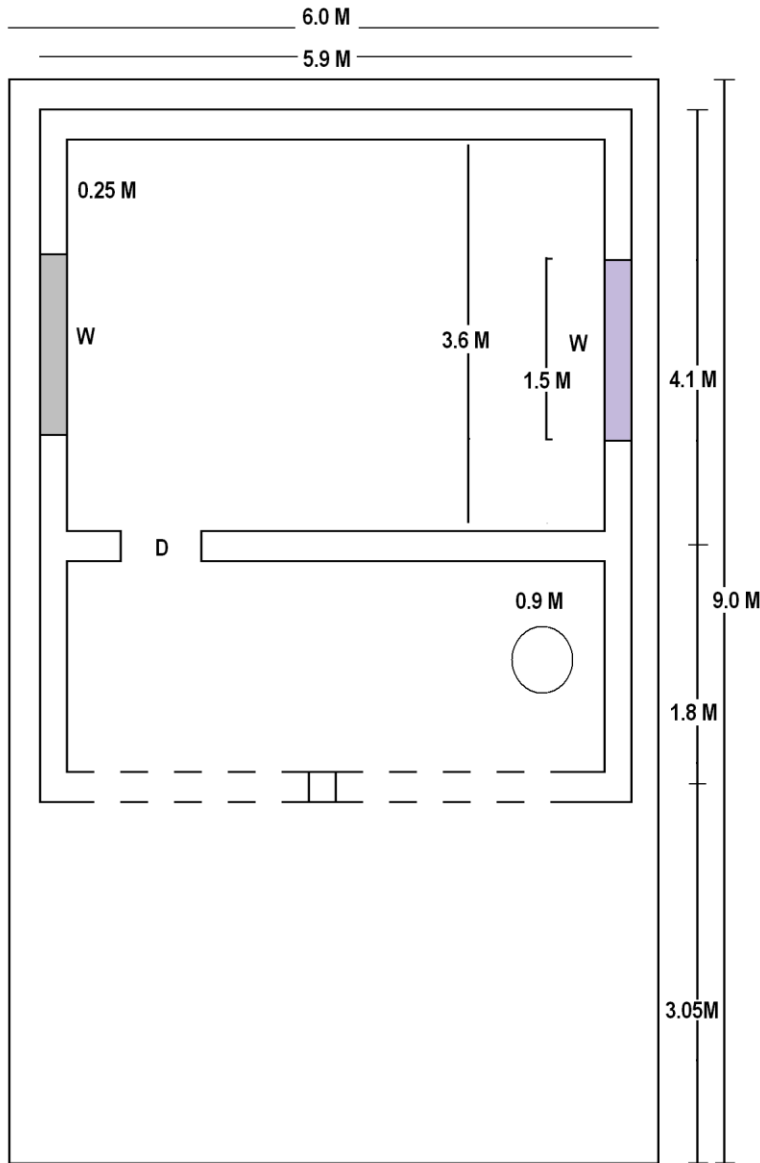


SIDE VIEW



FRONT VIEW

PACK HOUSE 9.0M x 6.0 M



PLAN

FOUNDATION