

**MODEL PROJECT REPORT
FOR
40,000 COMMERCIAL LAYER UNIT**

PROJECT REPORT FOR 39924 COMMERCIAL LAYERS PER YEAR

EXPLANATORY NOTES ON PROJECT REPORT

- 1) THE PROJECT REPORT ENVISAGES 39924 COMMERCIAL LAYERS TO BE REARED PER YEAR.
- 2) THE REARING SYSTEM IS CALLED 1+ 1+ 4
- 3) ONE BROODING BATCH OF 10500 BIRDS WILL BE REARED IN CAGES FOR 8 WEEKS.
- 4) ONE GROWING BATCH OF 10185 BIRDS WILL BE REARED IN CAGES FOR 12 WEEKS.
- 5) 4 LAYING BATCHES OF 9981 BIRDS EACH I.E. TOTAL 39924 BIRDS WILL BE REARED IN CAGES FOR 52 WEEKS.
- 6) THE STARTING DATE OF THE LAYER FARM IS SEPTEMBER, 2014.
- 7) STATEMENT NO. 3 GIVES THE SAMPLE FLOCK SCHEDULE CONSIDERED FROM THE STARTING DATE OF PURCHASE.
- 8) THE EGG PRODUCTION IS CONSIDERED TO BE 320 PER YEAR AND THE AVERAGE EGG PRICE IS ASSUMED AT 335 PAISE.
- 9) THE CULLS WILL BE SOLD @ RS.75/- PER BIRD.
- 10) THE BROODING PERIOD MORTALITY IS 3%, THE GROWING PERIOD MORTALITY IS 2% AND LAYING MORTALITY IS 5%.
- 11) THE OTHER INCOME IS OF GUNNY BAGS AND MANURE.
- 12) THE BROODING FEED CONSUMPTION IS 0.36 KGS. PER BIRD @ RS.17.00 PER KG.
- 13) THE GROWING FEED CONSUMPTION IS 0.37 KGS. PER BIRD @ RS.16.50 PER KG.
- 14) THE LAYING FEED CONSUMPTION IS 0.80 KGS. PER BIRD @ RS.16.00 PER KG.
- 15) COSTS INCLUDING THE PURCHASE AND SALE PRICES ARE CONSTANT FOR PREPARATION OF PROJECT REPORT.
- 16) THE PROJECT COST IS RS.249.96 LAKHS OF WHICH RS.199.97 LAKHS WILL BE FINANCED BY THE BANK UNDER NABARD FINANCING SCHEME.
- 17) THE INTEREST RATE ON TERM LOAN IS 12.00%.
- 18) LOAN WILL BE REPAYED IN 28 QUARTERLY INSTALMENTS STARTING FROM SECOND YEAR. (first year moratorium period)
- 19) ADMINISTRATIVE EXPENSES HAVE BEEN CONSIDERED AS 2 % ON TOTAL INCOME.
- 20) 5 % FREE CHICKS ARE TAKEN INTO CONSIDERATION FOR CALCULATING PRODUCTION OF EGGS, FEED AND MEDICINE COST, BUT ARE EXCLUDED IN CALCULATION OF CHICK COST.

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CAPITAL COST STATEMENT

AMOUNTS IN RUPEES

SR-NO	GROUP AND PARTICULARS	TOTAL COST	BANK LOAN	OWN CONTRIBUTION
	A> LAND :			
	B> BUILDING :			
1	LAND DEVELOPMENT FOR 5 ACRES @ RS.30000/- PER ACRE	150,000	120,000	30,000
2	COST OF FENCING FOR 5 ACRES @ RS.50000/- PER ACRE	250,000	200,000	50,000
3	COST OF WELL/BOREWELL	100,000	80,000	20,000
4	BROODER SHED @ 0.50 SQ.FT./ BIRD FOR 10500 BIRDS @ RS.220/- PER SQ.FT.	1,155,000	924,000	231,000
5	GROWER SHED @ 0.65 SQ.FT./ BIRD FOR 10185 BIRDS @ RS.220/- PER SQ.FT.	1,456,455	1,165,164	291,291
6	LAYER SHEDS @ 0.80 SQ.FT./ BIRD FOR 39924 BIRDS @ RS.220/- PER SQ.FT.	7,026,624	5,621,299	1,405,325
7	OFFICE BUILDING 400 SQ.FT. @ RS.400/- PER SQ.FT.	160,000	128,000	32,000
8	EGG / OTHER STORE ROOM 1000 SQ.FT. @ RS.300/- PER SQ.FT.	300,000	240,000	60,000
9	COST OF FEED GODOWN 1400 SQ.FT. @ RS.300/- PER SQ.FT.	420,000	336,000	84,000
10	COST OF MANAGER'S QUARTER 300 SQ.FT. @ RS.400/- PER SQ.FT.	120,000	96,000	24,000
11	2 SUPERVISOR'S QUARTERS 300 SQ.FT. @ RS.250/- PER SQ.FT.	150,000	120,000	30,000
12	6 WORKER'S QUARTERS 250 SQ.FT. @ RS.250/- PER SQ.FT.	375,000	300,000	75,000
	C> PLANT AND MACHINERY :			
13	COST OF PUMP SET	100,000	80,000	20,000
14	COST OF PIPELINES @ RS.4.00 PER LAYER	159,696	127,757	31,939
15	2 OVERHEAD TANKS @ RS.100000/- EACH	200,000	160,000	40,000
16	COST OF FEED MACHINERY	300,000	240,000	60,000
17	COST OF SPRINKLERS & FOGGERS @ RS.4.00 PER LAYER	159,696	127,757	31,939
18	COST OF GENERATOR	400,000	320,000	80,000
19	COST OF REFRIGERATOR	30,000	24,000	6,000
20	COST OF VEHICLE	400,000	320,000	80,000
	D> DEEP LITTER EQUIPMENT AND CAGES :			
21	BROODER CAGES FOR 10500 BIRDS @ RS.45/- PER BIRD	472,500	378,000	94,500
22	GROWER CAGES FOR 10185 BIRDS @ RS.55/- PER BIRD	560,175	448,140	112,035
23	LAYER CAGES FOR 39928 BIRDS @ RS.70/- PER BIRD	2,794,960	2,235,968	558,992
	E> ELECTRICAL INSTALLATIONS :			
24	COST OF ELECTRICAL INSTALLATIONS @ RS.15.0 PER LAYER	598,860	479,088	119,772
	F> OTHERS :			
25	SALARIES & OVERHEADS FOR 5 MONTHS	545,000	436,000	109,000
	G> POINT OF LAY COSTS TO BE CAPITALISED :			
26	CHICK COST FOR 40000 BIRDS @ RS.28.00 PER BIRD	1,120,000	896,000	224,000
27	FEED COST @ 0.36 KGS/BIRD/WEEK @ RS.17.0 FOR 42000 CHICKS FOR 8 WEEKS	2,056,320	1,645,056	411,264
28	FEED COST @ 0.37 KGS/BIRD/WEEK @ RS.16.5 FOR 40740 GROWERS FOR 12 WEEKS	2,984,612	2,387,690	596,922
29	MEDICINE COST @ 25 PAISE/BIRD/WEEK FOR 42000 CHICKS FOR 8 WEEKS	84,000	67,200	16,800
30	MEDICINE COST @ 25 PAISE/BIRD/WEEK FOR 40740 GROWERS FOR 12 WEEKS	122,220	97,776	24,444
31	INSURANCE ON 42000 CHICKS @ RS.3.70 PER BIRD	155,400	124,320	31,080
32	INSURANCE ON ASSETS @ 0.50%	89,195	71,356	17,839
	TOTALS	24,995,713	19,996,571	4,999,142
	SAY	24,996,000	19,996,800	4,999,200
	CASH CREDIT WORKING CAPITAL	0	0	0

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** PROJECT AT A GLANCE **

AMOUNTS IN RUPEES

ATURE	: - FARM FOR REARING 39924 COMMERCIAL LAYERS PER YEAR.		
TAL PROJECT COST	: - RS.	2,49,96,000	
RM LOAN FROM BANK	: - RS.	1,99,96,800	(80 % ON PROJECT COST)
N FUNDS	: - RS.	49,99,000	(20 % ON PROJECT COST)

PERATING RESULTS	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
GROSS REVENUE RS.	12345730	41583923	42619360	42818496	42413598	43030884	42810496	42413000
PROFIT BEFORE TAXES RS.	-4264372	3893624	5351420	5576867	6673729	6878533	6909541	7645017
% OF PROFIT BEFORE TAXES	-34.5	9.36	12.56	13.02	15.73	15.99	16.14	18.02

- 1) Repayment will start after one year from the date of receiving first batch of chicks.
- 2) Interest during holiday period may be capitalised.