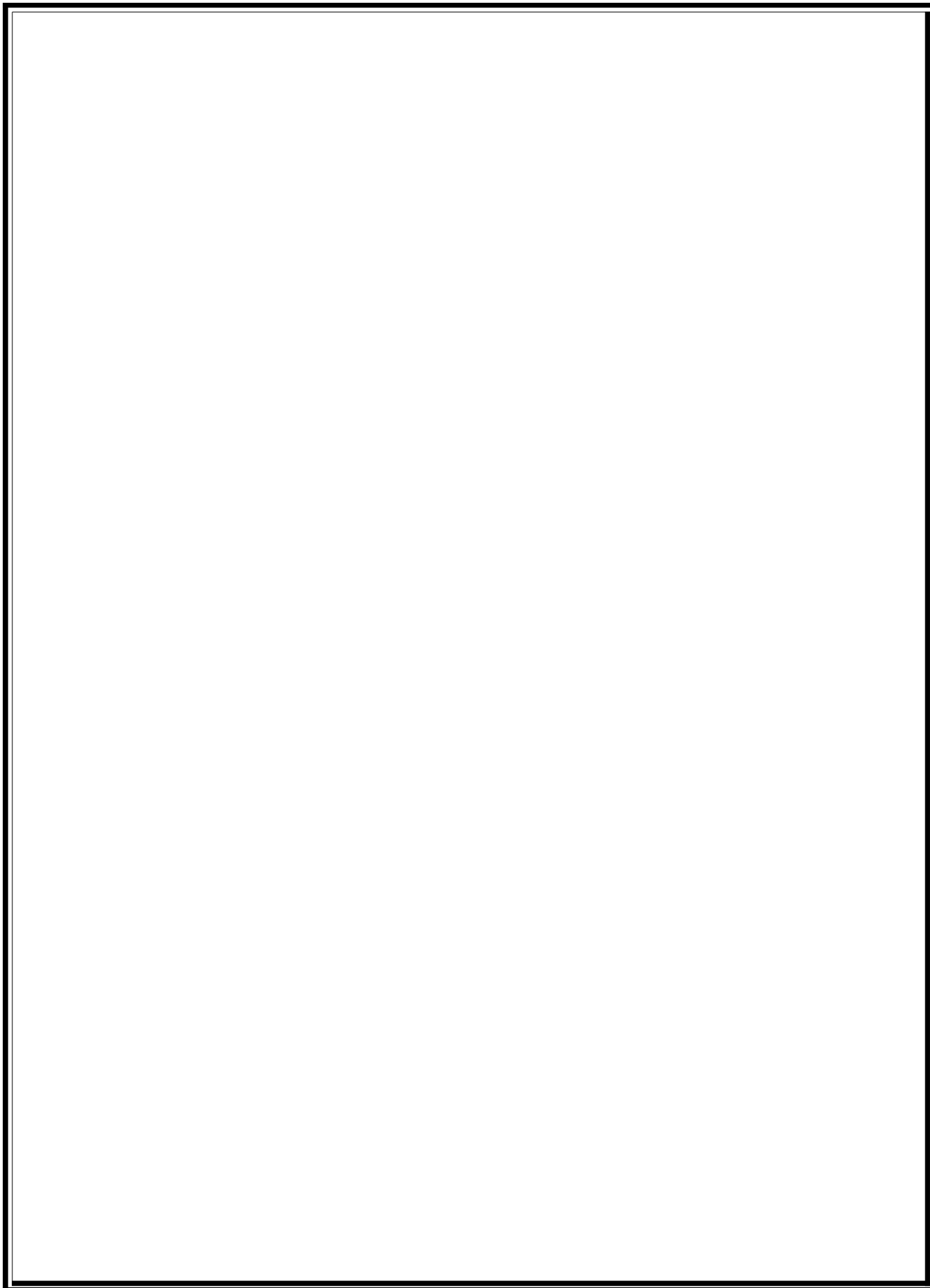


**Project Proposal for Strengthening of
Special Poultry Unit, Chipilima
for
Establishment of 45,000 numbers capacity
Parent Stock of Poultry
(Dual purpose of low-input technology birds)
to produce hatching eggs**



PROJECT AT A GLANCE

Objective of the Project : Proposal for Strengthening of Special Poultry Unit, Chipilima for Establishment of 45,000 nos. capacity Parent Stock Poultry Farm to produce hatching eggs to meet the requirement of District Poultry Hatcheries in the State.

State : Orissa.

Total Project cost : Rs. 1722, 00,000.00 or 17.22 crore

Name of the Farm : Special Poultry Unit, Chipilima, Sambalpur.

Implementing Agency : Department of Fisheries and
Animal Resources Development.

Project Proposal for Strengthening of Special Poultry Unit, Chipilima for Establishment of 45,000 numbers capacity Parent Stock of Poultry (Dual purpose of low-input technology birds) to produce hatching eggs.

Background:

Raising of local poultry breeds in backyard is an important source of Livelihood for the rural people of Orissa. These birds are entirely raised in the backyards, spread across all categories of house holds. The most preferred quality chicken meat and egg come from backyard poultry sector, which is sold at a premium market price. The growing demand for indigenous egg and low investment in backyard sector provides opportunity for the rural poor particularly, women for more gainful supplementary income generation opportunities for the family. Main interest of the poultry farmers having backyard poultry is not production of eggs, from eggs returns are very low, but, normally they hatch all their eggs and sell them as birds.

In the present system of backyard poultry production, the production of egg and meat is limited for which the economic gain is low. This can be addressed through adoption of low input technology birds, where the growth and egg production are found to be quite encouraging. Therefore, the State has taken steps for strengthening of 10 Departmental Poultry & Duck farms under Centrally Sponsored Scheme and 48 District Poultry Hatcheries under SGSY Infrastructure Development Fund in order to promote the low input technology birds in the backyard sector. These hatcheries will produce Day-Old-Chicks of low input technology birds for backyard poultry farming. Through this, the State expects to enhance food security at household levels and improve nutritional status.

The present set up in Departmental Poultry Farm is designed to meet its own hatching egg requirement. It is difficult to attain the hatching egg requirement of 48 hatcheries established under SGSY from the 10 Departmental farms. The total requirement of hatching eggs will be around 1.50 crores per annum @ 3.30 lakh eggs per hatchery to optimally utilize all 48 Hatcheries established under SGSY. The requirement of parent stock bird strength will be 1.20 lakhs. In order to meet the part requirement of hatching eggs, it is decided to establish one Parent Stock of Poultry Farm with a capacity of 45,000 at Special Poultry Unit, Chipilima, Sambalpur, Orissa during the review meeting taken by Principal Secretary, F & ARD on dated 5th August, 2009.

The present proposal aims to rear 45,000 capacity parent poultry stock Unit at Departmental Special Poultry Unit, Chipilima to produce about 5,18,000 hatching eggs per month for optimal utilization of the Poultry hatcheries. The total Project cost is **Rs. 1722,00,000.00 or 17.22 crore** to take up the proposed activities.

Objective

1. To establish the parent stock of poultry farm of 45,000 low-input-technology birds.
2. To produce hatching eggs for the departmental District Poultry Hatcheries under SGSY.
3. In this project a total no. of 6, 33,322 nos. of beneficiaries will cover in 5 years.
4. Each hatchery will get the profit of **Rs. 10,167.00 per month.**

Proposed Activities

1. PROCUREMENT OF BIRDS:

- 1.1. There is a proposal to rear 45,000 numbers of female parents stock of dual purpose low-input-technology poultry birds of different approved breeds like Krushibro, Vanaraja, CARIGOLD, Nirbheek, Hitcari, Coloured Broiler, Giriraja, Girirani, Krishna coloured layers, Coloured Layers, Kuroiler Dual purpose Coloured, Coloured layers, FR 295-Coloured Layers, Coloured Mini Broilers, Kalyani –DK Fowl. These Parent stock will be maintained in the Special Poultry Unit at the Livestock Breeding Farm, Chipilima, Sambalpur to cater the need of hatching eggs for the District Poultry Hatcheries established under SGSY Infrastructure Fund at different places of the State to produce Day-Old-Chicks for Backyard Poultry Farming.
- 1.2. To maintain 45,000 female parents in lay, the said farm has to keep 47,250 numbers of female birds including 5 % i.e. 2,250 extra females, later on some may evolve as non-layers.

- 1.3. To produce a good number of fertile hatching eggs from 47,250 females it needs 5,900 male birds with 5 % i.e 380 extra @ 1:8 male & female ratio, some may evolved as infertile and male disable.
- 1.4. So there will be total 53,150 numbers of parent stocks, which includes 47,250 females + 5,900 males.
- 1.5. Usually, these birds will start laying at the age of 20-24 weeks and will lay up to 72 weeks of age old. During the period of brooding, there may be death of 8% and 13% in growing period. Hence to maintain 53,150 parent birds in lay for 48-52 weeks from 20-24 weeks old of age, we have to procure 13% extra Day-Old-Parent chicks of both male & female. There may also be death during laying period. That will be met from the extra chicks provided by the hatchery/ organization at the time of supply of Day-Old-Chicks normally i.e of 2-5%.
- 1.6. So total number of **60,000** of **Day-Old-Parent Chicks** are to be procured at the starting with a total number of 6,600 male and 53,400 female chicks.
- 1.7. It is not possible to procure all the chicks at a time and also the Project Directorate Poultry (PDP), Hyderabad and Director Central Poultry Development Organisation (CPDO), Bhubaneswar is unable to supply at a time. And it is also not wise to procure such a huge number of chicks at a time, because it needs more care in management during transportation and brooding etc.. Hence the chicks should procure in phases i.e. minimum in 5 phases 12,000 including 2-5% extra chicks in a single batch.
- 1.8. 22 numbers of Grower Poultry house are required to rear 11,000 chicks in each shed, assuming 960 or say 1,000 chicks @ 8% may die out of 12,000 during the period of brooding i.e in 8 weeks old.
- 1.9. Again there may be death of 550 or say 600 birds during growing period @ 5%.
- 1.10. Each batch of chicks will procure at an interval of 2 months.

- 1.11. These birds will lay eggs after 20-24 weeks (5-6 months) old and lay for 48-52 weeks (12-13 months). After completion of laying at the age of 72-76 weeks, birds are to be culled. One month is required for sale of culling birds and another one month is for sterilization and disinfection of the house to break the bacterial cycle. Then only a fresh batch of birds in laying stage is required to take over its place as replacement stock in the Layer house. To make continues process of the farm, it is required to procure the next fresh batch replacement stock of day old parent chicks on the end of 15th month age of the initial parent stock entered to the farm.

2. REQUIREMENT OF STAFF:

- 2.1. One Deputy Director will look after over all performance of the Farm.
- 2.2. Five Farm Managers having qualification of M.V.Sc in Poultry Science for better management of the Farm.
- 2.3. Three nos. of Pathologists having qualification of M.V.Sc. in Pathology to look after the health care.
- 2.4. One no. of Nutritionists having qualification of M.V.Sc in Nutrition to look after the bird's feeding quality by maintaining the Feed quality.
- 2.5. Fifteen numbers of Veterinary Technician/ Poultry Overseer each will look after 3 sheds i.e. 4,000 Parent birds.
- 2.6. Three Section Officer.
- 2.7. Five Senior Assistant.
- 2.8. One Accountant-cum-Cashier.
- 2.9. Eight Junior Assistant.
- 2.10. Two Data Entry Operators on contractual.
- 2.11. Two Store Keepers.
- 2.12. Two of Electricians and two nos. of Mechanics on contractual to look after all electrical and other equipments of the farm.
- 2.13. 90 numbers of grade-D on Contractual workers to carry out the farm work as well as Office.
- 2.14. Ten numbers of Security guards on contractual.
- 2.15. All the Veterinary Technicians / Poultry Overseers will train periodically to update their skill on Poultry Farm Management.

3. FEEDING PRACTICES:

One (parent stock) bird will consume 56 kg. of feed (including Starter Mash, grower Mash and Layer Mash) from day old to 72-76 weeks on an average. All the feeds will be prepared at farm site to meet the requirement to avoid Aflatoxin.

4. FINANCIAL FEASIBILITY:

The total capital cost requirement is **Rs. 14.22 crores**. The recurring expenditure in the first year is **Rs. 236, 98,512** & there is a loss of Rs. 1, 62, 96,707/- during the first year. For which, It is proposed to maintain a Revolving Fund amounting to Rs. 3.00 crores at the Farm. This money can be utilized to meet the operational expenses & that will be kept intact from revenue collection of the Farm through selling of hatching eggs, table eggs (unsuitable for hatching), cull birds, gunny bags, poultry manure etc.

CAPITAL EXPENDITURE: Table-1**(in Rs.)**

Sl.No.	Particulars	
1.	Land requirement	95 acres
2.	Construction of Brooder house @ 0.50 sq. ft. / chick, requiring carpet area of 3,000 sq. ft. X 2 nos. = 6,000 sq. ft. from 7, 500 sq.ft. plinth area. The height of the plinth is to be 5 ft. from ground level with rat proof projection of 1.5 ft. on the top of the plinth @ Rs. 525/- per sq.ft.	39,37,500
3.	Construction of Grower house @ 2.00 sq. ft. / bird, requiring carpet area of 3,000 sq. ft. X 14 nos. = 42,000 sq. ft. from 52, 700 sq.ft. plinth area. The height of the plinth is to be 5 ft. from ground level with rat proof projection of 1.5 ft. on the top of the plinth @ Rs. 505/- per sq.ft.	266,13,500
4.	Construction of Layer house @ 2.50 sq. ft. / bird, requiring carpet area of 3,000 sq. ft. X 46 nos. = 1, 38,000 sq. ft. from 1, 73,000 sq. ft. plinth area. The height of the plinth is to be 5 ft. from ground level with rat proof projection of 1.5 ft. on the top of the plinth @ Rs. 505/- per sq.ft.	873,65,000
5.	Construction of Sick bird room having carpet area of 1200 sq. ft. X 1 no. = 1200 sq. ft. from 1, 500 sq.ft. plinth area. The height of the plinth is to be 5 ft. from ground level with rat proof projection of 1.5 ft. on the top of the plinth @ Rs. 505/- per sq.ft.	7,57,500
6.	Construction of Feed Store-cum-Feed Plant Hall requiring carpet area of 6,000 sq. ft. X 1 no. = 6,000 sq. ft. from 7, 500 sq.ft. plinth area. The height of the plinth is to be 5 ft. from ground level with rat proof projection of 1.5 ft. on the top of the plinth @ Rs.650/- per sq. ft.	48,75,000
7.	Office Building having carpet area of 200 sq. ft. X 2 rooms = 500 sq. ft. @ Rs. 700/- per sq. ft.	3,50,000
8.	Construction of 2 Lavatories attached to Office room having carpet area of 80 sq. ft. each = 200 sq. ft @ Rs.700/- per sq. ft. with all accessories.	1,40,000
9.	Construction of Store Rooms having carpet area of 400 sq. ft. X 2 nos. = 800 sq. ft. from 1, 000 sq.ft. plinth area. The height of the plinth is to be 5 ft. from ground level with rat proof projection of 1.5 ft. on the top of the plinth @ Rs. 650/- per sq.ft.	6,50,000
10.	Disposal pit 20' X 20' one no.	1,00,000
11.	Boundary wall with gate having 8,000 running ft. of 6.6' height with 2.5' foundation @ Rs.1000/- per ft. fitted with iron 2 ft. height angular pillar & barbed wire tying on top of the wall.	80,00,000
12.	Digging of 3 numbers of bore wells of 8" dia with all pipe line fittings, over head tanks, pumps with pump houses.	6,00,000
13.	Installation of Transformer with necessary three phase electricity connection including panel board fittings etc.	3,00,000
14.	Farm equipments (Automatic feeder, automatic waterer, chick feeder, waterer, debeaker, laying nest, fogger, sprinkler, flame gun with tank, day to day requirement of farm equipments during operational stage, one Desktop with printer & peripherals like UPS, printer, computer table with chair one Laptop with mobile Internet, phone, fax, office table, chair, almirah, trolley rickshaw 20 nos. & other farm equipments etc.)	30,00,000
15.	Electrical fittings to the poultry houses and office (Fan, Bulb, Wiring etc. to poultry sheds & other buildings)	5,00,000
16.	Purchase of Parent stock @ Rs. 80/- per chick including transportation for 60,000 chicks one time grant.	48,00,000
17.	Miscellaneous (Land development, internal c.c roads, plantation etc.)	2,11,500
Total		1422,00,000

RECURRING EXPENDITURE:**Table-2: Recurring Expenditure (Physical & Financial)**

Sl. No.	Particulars	1st Year	2 nd Year	3 rd Year	4 th Year	5 th Year
1	Total Feed consumption in	11,20,000	21,28,000	21,28,000	21,28,000	21,28,000

	kg.					
2	Feed cost @ Rs.17/- kg	190,40,000	361,76,000	361,76,000	361,76,000	361,76,000
3	Cost of medicine & vaccine in Rs.	11,00,000	11,00,000	11,00,000	11,00,000	11,00,000
4	Labour cost on contractual @ Rs. 90/- per day in Rs.	23,38,512	35,46,290	35,46,290	35,46,290	35,46,290
5	Private security charges @ 10 nos. @ Rs. 5000/- each per month in Rs.	6,00,000	6,00,000	6,00,000	6,00,000	6,00,000
5	Contingency in Rs.	3,00,000	3,00,000	3,00,000	3,00,000	3,00,000
6	Electricity charges in Rs.	1,20,000	1,20,000	1,20,000	1,20,000	1,20,000
7	Depreciation cost @ 10% per annum on building in Rs.		Bear by the Govt 133,68,850	Bear by the Govt 133,68,850	Bear by the Govt 133,68,850	Bear by the Govt 133,68,850
8	Depreciation cost @ 20% on equipments in Rs.		7,60,000	6,08,000	4,86,400	3,89,000
9	Replacement of stock in Rs		48,00,000	38,40,000	38,40,000	38,40,000
11	Misc. in Rs.	2,00,000	2,00,000	2,00,000	2,00,000	2,00,000
	TOTAL	236,98,512	609,71,140	579,40,140	598,34,940	596,40,140

Revolving fund to run the Farm one time Rs. 3, 00, 00,000.00

PROFIT:

Table-3: Production and Receipt Physical & Financial

(In Rs.)

Sl. No.	Particulars	Unit	1st Year	2 nd Year	3 rd Year	4 th Year	5 th Year
01	Egg Production	Nos.	12,60,000	54,60,000	54,60,000	54,60,000	54,60,000
02	Pullet Eggs	Nos.	3,15,000	4,20,000	4,20,000	4,20,000	5,25,000
03	Crack eggs from pullets	Nos.	9,450	12,600	12,600	12,600	15,750
04	Good eggs from pullets for sale	Nos.	3,05,550	4,07,400	4,07,400	4,07,400	5,09,250

05	Rest eggs (total egg production of Pullet eggs)	Nos.	9,45,000	50,40,000	50,40,000	50,40,000	49,35,000
06	Crack from rest eggs	Nos.	28,350	1,51,200	1,51,200	1,51,200	1,48,050
07	Good hatching eggs	Nos.	9,16,650	48,88,800	48,88,800	48,88,800	47,86,950
08	Total salable hatching eggs deducting 2% extra eggs for transportation loss	Nos.	8,98,317	47,91,024	47,91,024	47,91,024	46,91,211
09	Total crack eggs	Nos.	37,800	1,63,800	1,63,800	1,63,800	1,63,800
10	Fully damage from crack egg @ 50%	Nos.	18,900	81,900	81,900	81,900	81,900
11	Rest crack eggs	Nos.	18,900	81,900	81,900	81,900	81,900
12	Sale from crack egg @ Rs.1/- per egg in Rs.	In Rs.	18,900	81,900	81,900	81,900	81,900
13	Sale of pullet egg @ Rs.2/- egg in Rs.	In Rs.	6,11,100	8,14,800	8,14,800	8,14,800	10,18,500
14	Sale of hatching eggs @ Rs.9/- per egg in Rs.	In Rs.	80,84,853	4,31,19,216	4,31,19,216	4,31,19,216	4,22,20,899
15	Sale of discard birds @ 3Kg. per bird @ Rs.40/- per Kg. (@ 3% mortality during laying)	In Rs.	X	47,49,120	47,49,120	47,49,120	47,49,120
16	Packing charges @ Rs 50/- per box containing 210 nos. of eggs	Nos.	2,18,250/-	11,64,000/-	11,64,000/-	11,64,000/-	11,39,750/-
17	Contingent for each consignment of 5712 eggs per week per hatchery (Including extra of 2% it will come to 5826 nos., so total cartoons per consignment is 5826/210 = 28 cartoons) @ Rs	In Rs.	(57 nos of consignm-ent) 23,550/-	(839 nos.of consignm-ent) 1,25,850/-	(839 nos.of consignm-ent) 1,25,850/-	(839 nos. of consignm-ent) 1,25,850/-	(822 nos.of consignm-ent) 1,23,300/-

	150/- per consignment.						
	TOTAL RECEIPT in Rs.	89,56,653/-	5,00,54,886/-	5,00,54,886/-	5,00,54,886/-	5,00,54,886/-	4,93,33,469/-

Table-4: Internal Return Report (IRR) (in Rs.)

SL No.	Particulars	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year
01	Receipt	89,56,653/-	5,00,54,886/-	5,00,54,886/-	5,00,54,886/-	4,93,33,469/-
02	Expenditure	2,43,98,512	4,74,02,290	4,63,30,290	4,62,40,690	4,62,69,010
03	If Interest be calculated @ 3.5% PA	17,50,000	17,50,000	17,50,000	17,50,000	17,50,000
04	Total (Sl No. 2 + 3)	2,52,53,360	4,91,52,290	4,80,80,290	4,79,90,690	4,80,19,010
05	Profit from (Sl. No. 1- 4)	(-) 1,62,96,707/-	9,02,596/-	19,74,596/-	20,64,196/-	13,14,459/-

**Physical out lay of Egg production
1st year**

Particulars	1 st month	3 rd month	5 th month	7 th month	9 th month	11 th month	Total
1 st batch	Entry			Start laying	Lay	Lay	$(140/12) \times 6 = 70 \times 9000 = 6,30,000$
2 nd batch		Entry			Start laying	Lay	$(140/12) \times 4 \times 9000 = 4,20,000$
3 rd batch			Entry			Start laying	$((140/12) \times 2) \times 900 = 2,10,000$
4 th batch				Entry			
5 th batch					Entry		

1st Year's total egg production = 6, 30,000 + 4, 20,000 + 2, 10,000 = 12, 60,000
 Three months eggs will be removed as pullet eggs = $((140/12) \times 3) \times 9000 = 3, 15,000$

2nd year

Particulars	1 st month	3 rd month	5 th month	7 th month	9 th month	11 th month	Total
1 st batch	Lay	Lay 2 nd phase Entry	Lay	Gap	Start Laying	Lay	$((140/12) \times 10) \times 9000 = 10,50,000$
2 nd batch	Lay	Lay	Lay 2 nd phase	Lay	Gap	Start Laying	$((140/12) \times 10) \times 9000 = 10,50,000$

			Entry				
3rd batch	Lay	Lay	Lay	Lay 2 nd phase Entry	Lay	Gap	$((140/12) \times 10) \times 9000 = 10,50,000$
4th batch	Start laying	Lay	Lay	Lay	Lay 2 nd phase Entry	Lay	$140 \times 9000 = 12,60,000$
5th batch		Start laying	Lay	Lay	Lay	Lay 2 nd phase Entry	$((140/12) \times 10) \times 9000 = 10,50,000$

2nd Year's total egg production = 10,50,000 + 10,50,000 + 10,50,000 + 12,60,000 + 10,50,000 = 54,60,000

Four months eggs will be removed as pullet eggs = $((140/12) \times 4) \times 9000 = 4,20,000$

3rd year

Particulars	1 st month	3 rd month	5 th month	7 th month	9 th month	11 th month	Total
1st batch	Lay	Lay	Lay 3 rd phase entry	Lay	Gap	Start laying	$((140/12) \times 10) \times 9000 = 10,50,000$
2nd batch	Lay	Lay	Lay	Lay 3 rd phase entry	Lay	Gap	$((140/12) \times 10) \times 9000 = 10,50,000$
3rd batch	Start laying	Lay	Lay	Lay	Lay 3 rd phase entry	Lay	$((140/12) \times 2) \times 9000 = 2,10,000$
4th batch	Gap	Start laying	Lay	Lay	Lay	Lay 3 rd phase entry	$((140/12) \times 10) \times 9000 = 10,50,000$
5th batch	Lay	Gap	Start laying	Lay	Lay	Lay	$((140/12) \times 10) \times 9000 = 10,50,000$

3rd Year's total egg production = 10,50,000 + 10,50,000 + 10,50,000 + 12,60,000 + 10,50,000 = 54,60,000

Four months eggs will be removed as pullet eggs = $((140/12) \times 4) \times 9000 = 4,20,000$

4th year

Particulars	1 st month	3 rd month	5 th month	7 th month	9 th month	11 th month	Total
1st batch	Lay	Lay	Lay	Lay 4 th phase entry	Lay	Gap	$((140/12) \times 10) \times 9000 = 10,50,000$
2nd batch	Start laying	Lay	Lay	Lay	Lay 4 th phase entry	Lay	$((140/12) \times 4) \times 9000 = 4,20,000$
3rd batch	Gap	Start laying	Lay	Lay	Lay	Lay 4 th phase entry	$((140/12) \times 10) \times 9000 = 10,50,000$
4th batch	Lay	Gap	Start laying	Lay	Lay	Lay	$((140/12) \times 10) \times 9000 = 10,50,000$
5th batch	Lay 4 th phase entry	Lay	Gap	Start laying	Lay	Lay	$((140/12) \times 10) \times 9000 = 10,50,000$

4th Year's total egg production = 10,50,000 + 10,50,000 + 10,50,000 + 12,60,000 + 10,50,000 = 54,60,000
 Four months eggs will be removed as pullet eggs = ((140/12) x 4) x 9000 = 4, 20,000

5th year

Particulars	1 st month	3 rd month	5 th month	7 th month	9 th month	11 th month	Total
1 st batch	Start laying	Lay	Lay	Lay	Lay 5 th phase entry	Lay	((140/12)x4)x9000= 4,20,000
2 nd batch	Gap	Start laying	Lay	Lay	Lay	Lay 5 th phase entry	((140/12)x10)x9000= 10,50,000
3 rd batch	Lay	Gap	Start laying	Lay	Lay	Lay	((140/12)x10)x9000= 10,50,000
4 th batch	Lay 5 th phase entry	Lay	Gap	Start laying	Lay	Lay	((140/12)x10)x9000= 10,50,000
5 th batch	Lay	Lay 5 th phase entry	Lay	Gap	Start laying	Lay	((140/12)x10)x9000= 10,50,000

5th Year's total egg production = 10,50,000 + 10,50,000 + 10,50,000 + 12,60,000 + 10,50,000 = 54,60,000
 Five months eggs will be removed as pullet eggs = ((140/12) x 5) x 9000 = 5, 25,000

6th year

Particulars	1 st month	3 rd month	5 th month	7 th month	9 th month	11 th month	Total
1 st batch	Gap	Start laying	Lay	Lay	Lay	Lay 6 th phase entry	((140/12)x4)x9000= 4,20,000
2 nd batch	Lay	Gap	Start laying	Lay	Lay	Lay	((140/12)x10)x9000=10,50,000
3 rd batch	Lay 6 th phase entry	Lay	Gap	Start laying	Lay	Lay	((140/12)x10)x9000=10,50,000
4 th batch	Lay	Lay 6 th phase entry	Lay	Gap	Start laying	Lay	((140/12)x10)x9000=10,50,000
5 th batch	Lay	Lay	Lay 6 th phase entry	Lay	Gap	Start laying	((140/12)x10)x9000=10,50,000

6th Year's total egg production = 10,50,000 + 10,50,000 + 10,50,000 + 12,60,000 + 10,50,000 = 54,60,000
 Five months eggs will be removed as pullet eggs = ((140/12) x 5) x 9000 = 5, 25,000

Summary of the Project Cost Requirement:

Sl. No	Particulars	Cost in Rs
1	Capital Cost	1422,00,000.00
2	Revolving fund	300,00,000.00
	Total	1722,00,000.00

The Total Project cost is **Rs. 1722. 00 lakhs** or **Rs. 17. 22 crore**

CALCULATION FOR NUMBER OF BENEFICIARIES WILL COVER WITH IN FIVE YEAR

For 1st year

Total nos. of chicks distributed excluding extra chicks (for transportation loss) – 6, 26,989 nos.

Nos. of beneficiary benefited per year @ 22 nos. of chicks per beneficiary – 28,500 nos.

For 2nd year

Total nos. of chicks distributed excluding extra chicks (for transportation loss) – 33, 43,939 nos.

Nos. of beneficiary benefited per year @ 22 nos. of chicks per beneficiary – 1, 51,997 nos.

For 3rd year

Total nos. of chicks distributed excluding extra chicks (for transportation loss) – 33, 43,939 nos.

Nos. of beneficiary benefited per year @ 22 nos. of chicks per beneficiary – 1, 51,997 nos.

For 4th year

Total nos. of chicks distributed excluding extra chicks (for transportation loss) – 33, 43,939 nos.

Nos. of beneficiary benefited per year @ 22 nos. of chicks per beneficiary – 1, 51,997 nos.

For 5th year

Total nos. of chicks distributed excluding extra chicks (for transportation loss) – 32, 74,274 nos.

Nos. of beneficiary benefited per year @ 22 nos. of chicks per beneficiary – 1, 48,831 nos.

TOTAL NUMBER OF BENEFICIARIES IN FIVE YEAR – 6, 33,322 numbers

YEARWISE CALCULATION OF BENEFIT OF 16 HATCHERIES

SI No.	Items	1 st year	2 nd year	3 rd year	4 th year	5 th year
1	Number of good hatching eggs in nos.	9,16,650	48,88,800	48,88,800	48,88,800	47,86,950
2	Hatching eggs received by the hatchery after deducting 2%. In nos.	08,98,317	47,91,024	47,91,024	47,91,024	46,91,211
3	Number of eggs Set in nos.	08,98,317	47,91,024	47,91,024	47,91,024	46,91,211
4	Chicks hatched out @ 75% hatchability in nos.	06,73,738	35,93,268	35,93,268	35,93,268	35,18,408
5	Good chicks after deducting 2% grade out in nos.	06,60,263	35,21,403	35,21,403	35,21,403	34,48,040
6	Deducting 2% extra during transportation loss in nos.	06,47,058	34,50,975	34,50,975	34,50,975	33,79,079
7	Sale price of Day-Old-Chicks at the hatchery site @ Rs. 14.00/- per chick. In Rs.	90,58,812/-	483,13,650/-	483,13,650/-	483,13,650/-	473,07,106/-
8	Sale price of Chick box @ Rs.23.00/- per box, @ 60 chicks per box in Rs.	11,004 boxes 253092/-	58,690 boxes 13,49,870/-	58,690 boxes 13,49,870/-	58,690 boxes 13,49,870/-	57,467 boxes 13,21,741/-
9	Packing Charges @ Rs. 0.10 paise /chick in Rs.	66,026/-	3,52,140/-	3,52,140/-	3,52,140/-	3,44,804/-
10	Total Receipt	93,77,930/-	500,15,660/-	500,15,660/-	500,15,660/-	489,73,651/-

In Rs.

SI No.	Items	1 st year	2 nd year	3 rd year	4 th year	5 th year
1	Cost of hatching eggs @ Rs. 9/- per egg excluding extra eggs	80,85,853/-	431,19,216/-	431,19,216/-	431,19,216/-	422,20,899/-
2	Transportation cost of hatching eggs @ Rs. 0.25 per egg	2,29,163/-	12,22,200/-	12,22,200 /-	12,22,200/-	11,96,738/-
3	Labour cost in Rs. (a).Remuneration of Hatchery Operator-cum-clerk @ Rs. 5,000/- per month	60,000/-	60,000	60,000/-	60,000/-	60,000/-
4	(b).Remuneration of Hatchery Attendant @ Rs. 3,000/- per month	36,000	36,000	36,000	36,000	36,000
5	(c).Remuneration of Watch Man @ Rs. 2,200/- per month.	26,400	26,400	26,400	26,400	26,400

6	Electricity Charges @ Rs. 2000/- per month (LS) .	24,000/-	24,000/-	24,000/-	24,000/-	24,000/-
7	Miscellaneous					
	(a). Disinfectants .	17,000/-	17,000/-	17,000/-	17,000/-	17,000/-
	(b). Vaccines	1,20,000	6,38,00	6,38,000	6,38,000	6,24,000
	(c). Chick Box @ Rs. 20/- including transportation	2,20,080	11,73,800	11,73,800	11,73,800	11,49,340
	(d). Padding Material in Rs.	10,00	20,000	20,000	20,000	20,000
	(e). Spare parts & minor repairing Charges.	10,000	25,000	25,000	25,000	25,000
8	Packing charges to be given to the farm Contingent in Rs @ Rs. 50/- for packing of 210 eggs	4,365 boxes 2,18,250/-	23,280 boxes 11,64,000/-	23,280 boxes 11,64,000/-	23,280 boxes 11,64,000/-	22,795 boxes 11,39,750/-
9.	Contingent charges to be given to the farm form consignment delivery	158 cons. 23,700/-	840 cons. 1,26,000/-	840 cons. 1,26,000	840 cons. 1,26,000	822 cons. 1,23,300
10	Contingent for the hatchery	20,000	20,000	20,000	20,000	20,000
	Total	90,99,446/-	476,71,616/-	476,71,616/-	476,71,616/-	46,683,427/-
	Gross Profit	2,78,484/-	23,44,044/-	23,44,044/-	23,44,044/-	22,90,224/-
	Lease amount given to Govt. @ Rs. 24,500/- per hatchery X 16 Hatcheries	3,92,000/-	3,92,000/-	3,92,000/-	3,92,000/-	3,92,000/-
	Net Profit for 16 hatcheries per yr.	(-) 1,13,516/-	19,52,044/-	19,52,044/-	19,52,044/-	18,98,224/-
	Net Profit per hatchery per yr		1,22,003/-	1,22,003/-	1,22,003/-	1,18,639/-
	Net Profit per hatchery per month		10,167/-	10,167/-	10,167/-	9,887/-