

Project Report for, 70,000 layer birds rearing per year, (1:3 Model Brooding and Growing cum laying)



PROJECT REPORT FOR 70,000 COMMERCIAL Layer Birds ,

Registered office; -

At _____ P.O. _____

Block _____ P.S.- _____ District _____

Farm Site,

Vill- _____ Mouja _____ P.O. _____

Block _____ P.S.- _____ District _____



Government of West Bengal
Directorate of Animal Resources & Animal Health
LB-2, Sector-III, Salt Lake City, Kolkata-700 106.

No. 2332/5P-402/2016

Dated Kolkata, the 18th May, 2018

To
The General Secretary,
West Bengal Poultry Federation,
46/ C Chowringhee Road,
11th Floor, Everest Building,
Kolkata-700 071

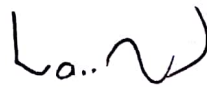
Sub.: Technical Vetting of Model Project proposal for Commercial Layer (70,000 capacity) in 1:3 plan of rearing excluding Feed Plant, submitted by West Bengal Poultry Federation, 46/ C, Chowringhee Road, Everest Building, Kolkata-700 071.

Ref.: Your letter no. wbpf/0282/2018-19 dated 03.05.2018

In reference to the subject cited above, the Model project proposal for Commercial Layer Farm (excluding Feed Production unit) having capacity of 70,000 layer/Year under 1:3 plan of rearing system, submitted by West Bengal Poultry Federation, 46/ C, Chowringhee Road, Everest Building, Kolkata-700 071 vide above referred letter, has been examined and vetted for its technical feasibility based on Animal Husbandry concept.

The project proposal is technically found in order. However factors like location and local resources play a significant role in the economics including input availability and produce marketing, which will have a bearing on financial parameters.

This Directorate has no objection if it is be implemented in this state, subject to maintenance of appropriate bio-security practices as mentioned in the General guidelines for Bio-security published by DAHD&F, GOI and necessary guideline mentioned in the notification of Environment Department, Govt. of West Bengal vide notification no. 1558/EN/O-18/2016 Dated 18.07.2016 and on fulfilment of all other statutory obligations, if any.


18.5.18
Director of Animal Husbandry and
Veterinary Services, West Bengal

Directorate of Animal Resources & Animal Health
Government of West Bengal

Model project proposal for Commercial Layer Farm (excluding Feed Production unit) having capacity of 70,000 layer/Year under 1:3 plan of rearing system, submitted by West Bengal Poultry Federation, 46/ C, Chowringhee Road, Everest Building, Kolkata-700 071 vide letter no. wbpf/0282/2018-19 dated 03.05.2018, has been examined and **vetted for its technical feasibility** based on Animal Husbandry concept.

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L. a. N. 18.5.18
Director of Animal Husbandry and
Veterinary Services, West Bengal

Name of the Farm

(Should be given before submission to the Bank)

**INDEX OF STATEMENT'S FOR 70,000
COMMERCIAL LAYER PER YEAR**

INTRODUCTION

PROJECT AT A GLANCE

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ESTIMATION WORKING RESULT

INTRODUCTION: Commercial poultry production is 48 years old confining only to the country popularly known Desi breeds. Since 1970 this poultry industry has undergone a phenomenal growth making the industry the fastest one. One production of increased in a high level after the adoption of hybrid birds.

The production of eggs has 79% from genetically improved layer and 21% from country popularly known Desi birds. India is the fifth highest egg producer in the world and the per capita consumption is now only 70. The Indian Council of Medical Research and National Institute of nutrition suggested 180 as the ideal level of consumption that resulted in going for hybrid poultry production.

Broilers were unknown in India before 42 years, as years past this variety occupied a good position among the Indian population. Now the poultry industry contributes about Rs. 1,10,000 cores to the GNP of the country. Moreover the export also increased from a meagre 0.05% to a whopping 4% today.

The poultry has distinct advantages over other vacations because:-

1. Small land requirement
2. Faster returns
3. Small initial capital investments
4. Planning for uniform and regular flow of income
5. Wider scope for expansion due to lower competition
6. Employment generation potential.

Poultry eggs and meats are important source of high quality proteins, minerals and vitamins to balance the human diet. Eggs are considered to be the nature's marvel providing the best quality protein food. An egg contains:-

1. Water - 74.0%
2. Carbohydrate -0.9%
3. Proteins -12.4%
4. Fat -11.7%
5. Ash -1.0%

Except this, an egg has calcium, iron, phosphorus, vitamin A, B, D, riboflavin and nicotinic acid. The presence of all these ensures better eye sight, healthy skin. Strong nerves, free from rickets, healthy mouth, tongue, lips, eyes and a glowing healthy skin.

Poultry meat is low in fat and rich in proteins and is recommended to patients with high blood pressure rather than other non-vegetation food items. Poultry manure contains nitrogen. Phosphorous, potassium and others organic matters. This is ideal for use in agriculture, thus has a good market potential.



ORGANISATION: - The promoters Descriptions,

(Should be written in details of address, experience regarding promoters)



SCOPE: Agriculture is the core sector of Indian economy and poultry farming is considered as a major part of agriculture and allied activities. All districts of West-Bengal is ideal for this type of farming since the production and productivity is low in direct agriculture. In orders to increase the economy of the area poultry farming is recommended.

Though the per capita requirement of eggs in India is 180, India produces only 70 to 72 eggs per capita per year. Out of the total requirement of West Bengal it produces presently 4745 million and the rest is supplied by Andhra Pradesh.

West Bengal is considered as the 2nd largest consumer of egg,

The strategic location of Bengal provides good conditions for poultry fanning. This area has hot weather during April and May and the same come down in the next months. We can experience cool nights for a major period due to the monsoon.

TECHNICAL FEASIBILITY: While farming the Project Report special care is given in the different areas to special care is given in the different areas to ascertain the technical feasibility of the same.

The chicks i.e. Babcock BV 300 layer chicks are easily available from Eastern Hatcheries.

Good and balance nutrition Poultry feed is available in the market easily

The management of the proposed poultry farm will be safe at the hands of well experienced and highly know ledged supervisors. The promoters have identified them.

The required veterinary care and guidance will be available from West Bengal Government Animal Husbandry Dept., West-Bengal State Poultry Farm, Disease diagnostic Lab. University of Animal Resource and Fisheries Science of West Bengal, Veterinary Surgeons and Poultry Experts. The promoter has contacted them for an initial discussion over the matter and the same has been assured by them. Moreover, our veterinary doctor should be take care of our farm,

MARKETING ARRANGEMENTS: As stated earlier, the per capita egg production is very low in our country; it is felt that the gap between the requirement and supply is to be a bridged in order to improve the health condition of the poor people of the country.

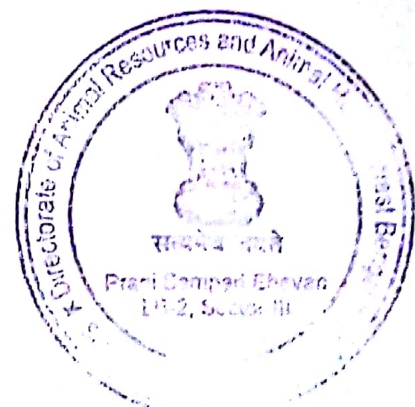
West-Bengal has been shortage of eggs and fully depends on Andhra eggs and boosting the production of eggs can make up the requirements

Kolkata, the largest consumer of egg, and it is mainly depends on the Andhra Pradesh eggs. If the product is supplied to the Metropolitan city at a less cost than the Andhra Pradesh based supplier, in a short period, the unit will not find any difficulties in marketing the product.

Culled birds are in great demand due to its high protein value and less price. Moreover, people prefer Broiler chicken due to its fleshy nature.

The gunny bags are early acceptable to the market because it can be used for packing agricultural products.

Poultry farm manure is the best choice for farmer due to the high mineral values and Fish Farmer's used the manure presently a good source of Nitrogen, Phosphate and Potash.



ESTABLISHMENT OF POULTRY: The proposed unit has a well selected site which has the following advantages of a typical poultry site.

- # It is situated near the urban area giving easy access to chicks, feed, medicine, vaccine and market.
- # The site is well connected with motor able road even during rainy season.
- # Direction of shed will be East –West which shall strictly followed,
- # The site possesses good water distribution arrangements.
- # The proposed site is at an elevated place.
- # There is no commercial poultry farm within the periphery of 0. 5 K.M
- # The area does not having any Water bodies nearby the farm site, within 0.5 K.M
- # The site is safely away from other small farms ensuring tough access to infectious diseases.
- # The area does not have any probability for stagnant water.

REARING OF BIRDS UNDER CAGE SYSTEM: This is the more scientific system than the usual deep litter system, considering the growth of population and the cost of building construction the poultry farmers are moving from the deep litter system to cage system.

The chicks are reared in different cages according to the age of the chicks.

BOODER CAGE: This system includes Brooder cages where chicks up to 9 weeks age are kept. The floor is covered with a paper to avoid damage of chick’s legs.

GROWER CUM LAYER CAGES: This cage is Grower cum layer where chicks above 9 weeks of age are kept. Here the grower is kept for 11 weeks and Layers are kept for 52 weeks up to culling.

IN THIS SYSTEM: - 1:3 system No’s of shed is required is less for which the space requirements is less than 1:1:5 system,

And in this system no of chicks and growers batches shall be maintain less so management shall be easy ,

Advantages under Cage System

	Deep litter system	Vs.	Cage system
I)	more shed space		Less shed space
ii)	More feed consumption		Less feed consumption.
iii)	High Mortality		Low Mortality.
iv)	Less number of eggs		More no. of eggs.
v)	Higher Investment		Low investment.

Floor space required (under cage system) including utility Area.

1.	Brooder shed (0 -9 weeks)	0.50 Sq.ft. (Max)
2..	Grower Cum Layer shed	1.00 Sq.ft.(Max)

[Handwritten Signature]



MANAGEMENT OF LAYERS:-

These birds are shifted from grower cage to the layer cage just before they start laying eggs. Here special care is given to the chicks as this is the stage in which the farm generates profits for its survival.

Here the birds are kept under light because light acts as the powerful stimulant to the birds. This artificial light can be provided by fixing electric bulbs.

FEEDING:

High quality balance diet will be used in farming chicks/starter feed up to 9 weeks of age, grower feed for 10-16 weeks of age, and layer feeds for 17 -72 weeks of age shall be purchased as per requirement regarding on the age group of the layers. The detailed requirement schedule has been incorporated in the project report us per I S I standards.

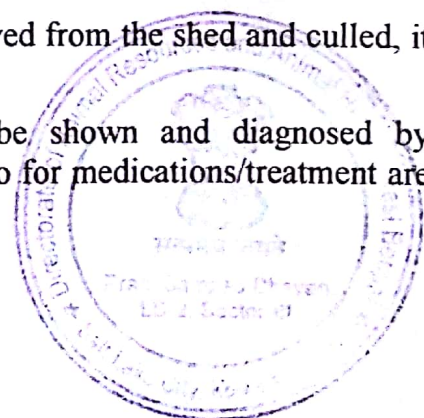
	<u>METABULIC ENERGY</u>	<u>CRUDE PROTEIN</u>
Chicks Mash	2850-2900 KCAL	21
Grower Mash	2750-2800 KCAL	19
Layer Mash	2350-2750 KCAL	16 -19

This has been assessed as the standard one and the same may vary as per the climatically change from time to time.

WATERING OF THE BIRDS: It is always necessary to use fresh and clean drinking water. Cool drinking water supply for flock from Deep tube-well/Bore well through overhead tank and pipeline is to be given to avoid contaminations from Bacteria, fungal & virus etc. It is available in the farm as existing mini deep tube well with overhead tank and circulated in the farm by pipelines.

DISEASE PREVENTION/CONTROL:

- i} Clean sanitary conditions for poultry sheds and equipment, balanced feed, fresh clean water, are essential to prevent diseases of the flocks.
- ii} Entry of visitors is to be avoided to the farm, especially inside the sheds. If visitors are asked to dip their feet in a disinfectant solution and also wash and clean their hands and asked to wear aprons and boots, provided by the farm.
- iii} Proper vaccination schedule and veterinary guidelines are to be followed.
- iv} High quality vaccination will be purchased from reputed manufacturers.
- v} Dead birds should be immediately removed from shed and will be sent to laboratory for diagnosis or buried/burnt suitable away from the poultry shed.
- vi} The waste of the farm should be suitably disposed off. Different workers! Should be employed in brooding and layer sheds.
- vii} Any bird showing advance signs of a disease, should be removed from the shed and culled, it can be sent to laboratory for diagnosis.
- viii} Birds showing preliminary symptoms of disease should be shown and diagnosed by veterinarians and their recommendations should be followed so for medications/treatment are concerned.



- ix) Rats are important carriers of poultry disease, hence to be avoided; suitable rat poisons/rat traps to be used.
- x) Many poultry medication can be given in drinking water, in measured quantity of water, so the entire medicine will be quickly consumed and there will be no wastage of medicines.
- xi) Mild infection of a disease may cause mortality, and reduced growth. Hence good track record is to be maintained,
- xii) Separate workers will be engage for the different activities of the farm.
- xiii) Guidelines in regard to bio-security of Government of India will be followed as far as possible,
- Xiv) Veterinary Doctor will be take care the unit activities regarding poultry management, feed, bio-security, and also the poultry health in the farm.

Table-2

VACCINATION SCHEDULE

Effective and proper vaccination programme in layers is necessary to prevent mortality and losses from many dreadful poultry diseases. Vaccination programmes are available against the major poultry diseases viz., Ranikhet, Marek's disease and Fowl pox.

Vaccination Calendar

The vaccination schedule is a general guide. Each farm and area will require some changes in the schedule. Following table can be used as a general guidance.

Age in days	Vaccine	Administration
For Commercial layers		
0	Marek's	Subcutaneous injection (s/c inj.) at hatchery)
7	Ranikhet F/LaSota (lentogenic)	Eye drop
14-16	Live intermediate infectious bursal (IBD) Killed IBD (optional)	Eye drop 0.2-0.3 ml. a chick s/c inj. on the same day.
18-20	Infectious bronchitis (IB)	Eye drop
24-26	Live intermediate IBD	Eye drop
28-30	Ranikhet LaSota	Eye drop
38-40	Live intermediate IBD (Optional)	Eye drop/drinking water
49-56	Ranikhet RDVK/R2B (mesogenic)	s/c inj.
63-70	Fowl pox	Wing web puncture
84-91	IB (optional)	Drinking water
119-126	Ranikhet RDVK/R2B (mesogenic) or killed RD	s/c inj.

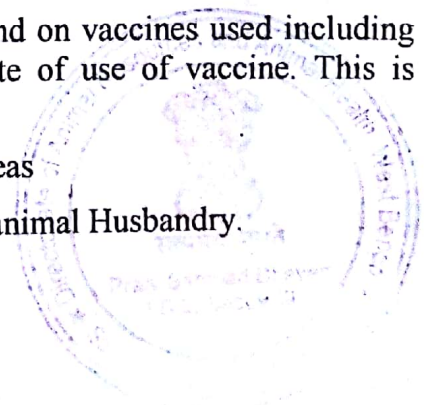
After peak production every 8 weeks Ranikhet LaSota via. Drinking water.

Note:

i) It is necessary to keep proper records of date of vaccination and on vaccines used including type, batch no., and serial number, date of purchase and date of use of vaccine. This is essential for insurance claims.

Vaccination against Gambaro disease is advised in endemic areas

ii) The latest vaccination schedule as suggested by Department of animal Husbandry.

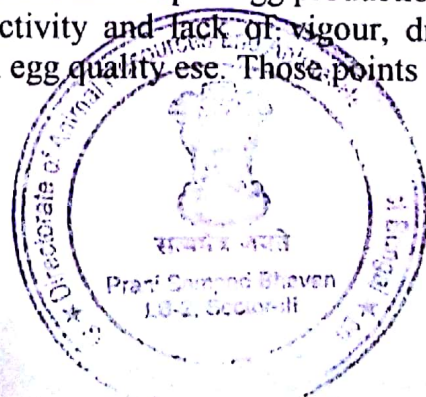


Learn the Technical Terms

BROODER	0 – 9weeks
GROWER cum Layer	10 – 20 weeks
LAYER In full production	21 – 72 weeks
CULL	Sale to market as culled Bird,

17 POINTERS FOR BIGGER EGG PRODUCTION:

1. **Quality Bird:** Babcock BV300 birds, strain will perform best and is known to have good viability under these types of environmental conditions. Good chicks may cost more but they will perform better. Hence this practices to be followed in the farm.
2. **Housing:** There should be ample fresh air in this cage system. We have good land as one side and cultivated land on the other. So free air and proper ventilation is available.
3. **Crowding:** Crowding is avoided since the farm follows cage management.
4. **Feeding:** Fresh feed should be given to the birds,
5. **Watering:** Deep well water will be supplied through overhead water tank and pipeline. Hence any type of contamination can be overcome.
6. **Lighting:** Light will be maintained as per proper light schedule. There is standing by generator of the firm. So, maintaining proper light schedule is possible.
7. **Vaccination:** Expert's schedule from vetty, Dept. and reputed manufacture will be followed as per vaccinations schedule of commercial layers.
8. **De-Beaking:** Correct debeaking programme, to be followed as poor De-beaking can adversely effect egg production.
9. **Culling:** Unsuitable and uneconomic birds are to be timely culled.
10. **Health:** Watch for early signs of disease for its timely treatment before it flares up in a big way, some of the symptoms that indicate the onset of disease problems are drop in egg production and feed consumptions, increased morbidity and mortality, inactivity and lack of vigour, droopy ruffled appearance and respiratory distress. Sudden change in egg quality etc. Those points are to be taken care. Expert doctor will be engaged.



11. **Sanitation:** Sanitary measure is of vital importance in poultry operation. Keep roundworms, tapeworms and cecal worms under control. External parasites can cause serious farm hazards and can reduce production if unchecked. De worming at regular intervals should be practiced. Disinfection's and timely cleaning will be done at regular intervals by using required disinfecting medicines and cleaning materials and chemicals.
12. **Egg Quality:** Respiratory and intestinal disease should be kept under control for the maintenance of quality of egg shells. Indiscriminate use of sulpha drug can affect the egg shell quality. The use of tetracycline can however, improve it.
13. **Records :** A daily record of live stock birds register, feed stock, raw materials stock, mortality, culling, sales register, fixed assets register, godown stock registrar. Equipment stock, medicines and vaccinations stock (also expiry) cash book, ledger income and expenditure, records are essential to help, improve farming efficiency. This will help pinpoint any emerging trouble and its timely solution.
14. There should be
 - Visitor register, (preferably restricted),
 - Vehicle entry register (that should be entry after disinfection and cleaning before the gate entry)
 - Disinfect spray schedule register and that protocol of disinfect
15. **Routine checking:** All critical items of management should be listed on a daily, weekly or seasonal check list. Every item must be checked. It helps to locate the cause of trouble when it occurs. Routine checks are cleaning and refilling of drinkers feeders, cleaning of house and spraying insecticide, culling of birds, checking all electrical lines, cleaning the bulbs/lamps, egg collections, packaging, marketing etc.
16. Regular health check up program for the workers and all in the farm premises
17. **T.L, Tender Loving Care.**



POLLUTION CONTROL MEASURE

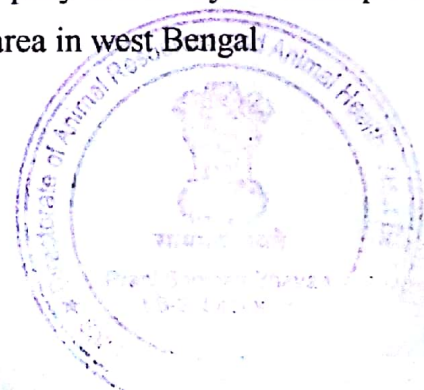
The poultry farming is the Agro-based Industry and the proposed Farm site is far distance from the population and maintain to new population policy but no population clearance is required for set up the farm two sides of the proposed land are by forest Land and Forest also.

The unit will be maintaining the following steps.

1. **Emission:** Stand by Diesel Generator room will provide with residential silencer. Stack of silencer will be height not more than 15 ft.
2. **Water:** For maintaining the farm, company will be having own deep tube well for meet up the necessity of the water for the unit. There is no chance of pollution water for consumption of Poultry Birds and domestic (Staff and others).
3. **Solid waste:** Poultry Manure is organic manure. The farming will be totally cage farming it will be hygienically maintained and the manure will be sales at a good demand for 1. Direct agriculture, 2. Fisheries, 3. Vermi culture for Bio fertilizer.
The manure having good source of calcium, nitrogen, phosphate, potash will be helpful to direct agricultural for good source of organic manure instead of chemical fertilizer.
4. Good Housekeeping to be maintained as a Professional farming and the farm fully rearing by cage system.
5. Tree planting will be three meters distance along the periphery of the farming.
6. Vacant area should be converted into vegetable cultivation, horticulture and floriculture.
7. **Staff Parameter:** There should be urinals and latrines and domestic effluent to be discharged through septic tank to soak pit within the farm area.
8. Cost of tree plantation will be minimum as a level of project and it may be maintain possibly from the cost of boundary and fencing and it will be maintain from companies own fund.

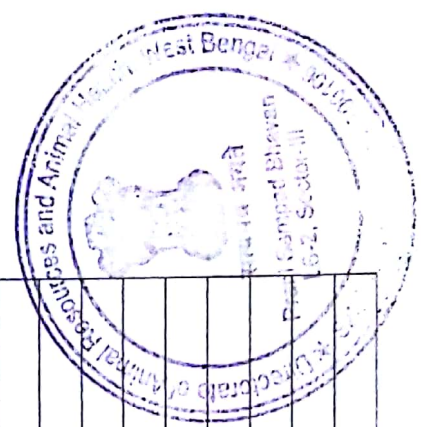
SOCIAL OBLIGATION:

Company/unit should be careful about the areas social development, like rural health, education & educational materials etc. and units will be try to up liftment of rural poverty through different way of social services in that particular area. Employment is the main source of economic up liftment of that area. Besides the economic up Liftment Company will be try to develop the area's own culture when the area is the backward area in west Bengal



BIRD FLOW CHART

Year	Batch	Brooder Shed	Grower cum Layer Shed 1	Grower cum Layer Shed 2	Grower cum Layer Shed 3	Batch Purchased	Brooding Weeks	Growing Weeks	Laying		Remarks
									Weeks	Weeks	
1	1	13-21	22-52			1	9	11	20		
	2	26-34		35-52		1	9	11	7		
	3	39-47			48-52	1	9	5	0		
2						3	27	27	27	0	
	1		1-32						32	1 B1	
	2			1-45					45	1 B2	
	3				1-52			6	46		
	4	28-36	37-52			1	9	11	5		
3	5	41-49		50-52		1	9	3	0		
						2	18	20	128	2	
	3				1-6				6	1B3	
	4		1-47						47	1B4	
4	5			1-52				8	44		
	6	2-10			11-52	1	9	11	31		
	7	43-51	52-52			1	9	1	0		
						2	18	20	128	2	
	5			1-08					8	1B5	
	6								21	1B6	
	7		1-52				0	10	42		
5	8	4-12		13-52		1	9	11	29		
	9	17-25			26-52	1	9	11	16		
6						2	18	32	116	2	
					And so on	2	18	20	128	2	
7					And so on	2	18	20	128	2	
					And so on	2	18	32	116	2	
8					And so on	2	18	20	128	2	
					And so on	2	18	20	128	2	



1. Shed construction period 12 weeks, 1st batch arrives at 13 weeks (Chicks + Grower cum Layer)

2. One year 52 weeks

3. Birds which do not complete their brooding/Growing/Laying period with in the year, and the remaining period is carried to the next year

4. After 72 weeks of total stay birds are culled (c)

BIRD FLOW CHART

1+3 System,

B. No	Brooder shed	Grower Cum Layer shed No 1	Grower Cum Layer shed No 2	Grower Cum Layer shed No 3	Any Remarks
1	0-9 W Weeks	10-72 Weeks	-	-	-
2	14-22 Weeks	10-72 Weeks	23-85 weeks	-	-
3	27-35 weeks	-	-	36-98 Weeks	--

And so on Continue _____

- 1 Chicks are purchased is 1st t time on 13 weeks
2. Chicks stay for 9 weeks for brooder and 11 weeks for grower in grower cum layer house
And rest on layer on the same house,
3. Birds are culling at the day of 72 weeks of age,




PROJECT AT A GLANCE (Figure in lac.)

70000 NOS COMMERCIAL LAYER PER YEAR

- 1 Nature : Farm for Repairing of **70000 commercial layer per year.**
- 2 Total Project Cost Rs. **639.40 Lacs**
- 3 Term Loan from Bank Rs. **438.88 Lacs** Financed from _____ Branch, and own Investment Rs. **146.29 Lacs.**
- 4 Working Capital from Bank for farm Section Rs. **40.68 Lacs** _____ and Own Investment Rs. **13.56 Lacs.**

	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year
Operating Result								
A) Gross Revenue	169.24	822.38	822.38	749.19	822.38	822.38	749.19	822.38
B) Profit Before Tax	-70.88	231.75	231.75	176.20	231.75	231.75	176.20	231.75
C) % of Profit Before Tax	-41.88%	28.18%	28.18%	23.52%	28.18%	28.18%	23.52%	28.18%

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PRODUCTION PARAMETERS:-

No of Layers to the Farm
No of Birds/ Batch
Frequency of Chicks Purchase
Method of Rearing
Shed Vacancy Period

70,000
23,335
free 5%
free 5%

BATCH SIZE:-
CHICKS (Brooding Period)

24,502
Mortality (Approx)
3%

GROWER CUM LAYER FLOCK'S/ START LAYING
CULL'S (Cull's Selling Time Stock)

23,800
22,169
23,335
2%
5%

SIZE OF THE SHED

NORMS
Shed Space

Per Brooder/Chick
Per grower cum Layer
0.50 Sq Ft.
1.00 Sq Ft.

Brooder Shed
Grower Shed
Layer Shed

12,251 Sq Ft.
0 Sq Ft.
71,400 Sq Ft.
83,651 Sq Ft.

Cost of Shed Construction Cost

Rs. 300 Per Sq Ft.

PERIOD OF STAY :-

Chick's/ Brooders
Growers In growing cum laying House
Laying Period.

9 Weeks
11 Weeks
52 Weeks
Including 4 weeks of pre layer

COST OF CAGES

Per Brooder/Chick

Rs 70 Per Bird's

Per Growers cum Layer Birds

Rs 125 Per Bird's

Cost of Boundary Infrastructure development

includes Boundary, Internal Road, Vehicle Washing system, Dead Birds
Disposal system/Pit Lum Sum Cost

3,00,000



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**SEHEME FOR 70,000 COMMERCIAL LAYER BIRDS -16-
1:3 SYSTEM**

Feed Requirement

Brooder's/ Chicks
Growers
Layers

0.25 Kg per Chick's/Per Week
0.45 Kg per Grower's/Per Week
0.784 Kg per Layer's/Per Weeks

COST FEED

Chick's /Brooders Feed
Growers Mash
Layer Feed/ Mash

22.75 Per Kg Cost
20.00 Per Kg Cost
19.75 Per Kg Cost

(average to ph-1, ph-2, ph-3)

COST OF MEDICINES/VACCINATION

CHICKS (Brooding Period)
GROWER (Growing Period)
LAYER'S (Laying Period)

Ps. Per Chicks per week's
0.25 Ps. Per Grower's per week's
0.20 Ps. Per Layer's per week's
0.20 % P.A

Interest on Bank Loan

Term Loan % % for Working Capital Loan C/C

OTHER'S EXPENSES

Wages for workers
salaries for Manager / Supervisor
Power's and Fuel's
Insurance for capital investment
Insurance for Birds (0-72 weeks)
Misc. Expense

6,500.00 per labour's per month's
8,500.00 per Supervisor per month's
38,000.00 per month's
1.25 Per Thousand
3.75 per Birds
20,000.00 per month's
4.00 Per Egg
80.00 Per Culled Birds

Sale Value of Egg

Sale Value Of Culled Birds

AVAILABILITY OF MANURE
upto Grower's stage (0-20 Weeks)
During Laying Stage
Farm Gate Price

11,000.00
0.300 kg /Chicks&Growers per week
0.500 kg/Layers per weeks
Per M.T per M.T

CULL'S BIRDS SALES

Available

1 st year
2nd year
3rd year
4th year
5th year
6th year
7th Year
8th Year

No of Batches
0
2
2
2
2
2
2
2

0
44,337
44,337
44,337
44,337
44,337
44,337
44,337
20.00

Rate of Gunney Bag Saled / Per Bag



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SL.NO

GROUP AND PARTICULARS

A. LAND DEVELOPMENT :- In Acre

B. SHED & BUILDING

1 Land Boundary In Acre
2 Cost of Infrastructure development
3 Brooder/ Chicks Shed sq. ft

5 Grower cum Layer Shed's 3 nos in sq ft

6 Office Building sq ft
7 office Furniture and Computers & Printers

8 Egg's store sq ft
9 Generator Room
10 Supervisor and Workers Quarter sq ft
11 Managers Quarter sq ft

C CAGES AND EQUIPMENT

1 Chick's/ Brooder Cage no of Birds Nos

3 Grower Cum Layer Cage's no of Birds Nos

4 Other Poultry Keeping Equipment L.S

D. FEED STORE :-

1 Feed store (Sq Ft)

2 Feed conveyer for Grower cum Layer Birds

3 Feed Trolley for Grower cum Layer Birds

4 Godwon for Packing Materials

E.WATER SUPPLY SYSTEM

1 Cost of Borewell

2 Cost of Water Pump with system

3 Cost of water overhead Tank

4 cost of water main Line Birds nos

5 Cost of water distribution Line Birds Nos

CAPITAL COST STATEMENT

NO	UNIT COST	TOTAL COST	BANK LOAN	OWN CONTRIBUTION
7	50,000	3,50,000	2,62,500	87,500
7	1,00,000	7,00,000	5,25,000	1,75,000
	3,00,000	3,00,000	2,25,000	75,000
12,251	300	36,75,315	27,56,486	9,18,829
71,400	300	2,14,20,036	1,60,65,027	53,55,009
		0	0	0
300	450	1,35,000	1,01,250	33,750
		3,50,000	2,62,500	87,500
1,000	320	3,20,000	2,40,000	80,000
300	280	84,000	63,000	21,000
750	280	2,10,000	1,57,500	52,500
200	280	56,000	42,000	14,000
24,502	70	17,15,147	12,86,360	4,28,787
71,400	125	89,25,015	66,93,761	22,31,254
		0	0	0
		3,50,000	2,62,500	87,500
1,250	360	4,50,000	3,37,500	1,12,500
			0	0
71,400	7	4,99,801	3,74,851	1,24,950
71,400	5	3,57,001	2,67,750	89,250
400	260	1,04,000	78,000	26,000
		1,50,000	1,12,500	37,500
		40,000	30,000	10,000
		1,00,000	75,000	25,000
95,902	2	1,91,804	1,43,853	47,951
95,902	2	1,91,804	1,43,853	47,951
		4,06,74,923	3,05,06,192	1,01,68,731



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70,000 COMMERCIAL LAYER 1:3 SYSTEM

PROJECT REPORT FOR
CAPITAL COST STATEMENT
GROUP AND PARTICULARS

SL.NO	Balance B/D	NO/KG	UNIT COST	TOTAL COST	BANK LOAN	OWN CONTRIBUTION
	F.ELECTRIFICATION			4,06,74,923	3,05,06,192	1,01,68,731
1	Electric connection cost			2,50,000	1,87,500	62,500
2	Security Deposit			75,000	56,250	18,750
3	Internal Electrification Birds Nos	95,902	3.00	2,87,707	2,15,780	71,927
4	Shed electrification Birds Nos	95,902	3.00	2,87,707	2,15,780	71,927
5	Generator. Nos L.S			7,50,000	5,62,500	1,87,500
	G. FOOPER & SPRINKLIERS & Fan,s					
1	Fooger's System Birds Nos	95,902	4.00	3,83,609	2,87,707	95,902
2	Sprinkler's System Birds Nos	24,502	4.00	98,008	73,506	24,502
3	Circulating fan's Nos	24	6,500.00	1,56,000	1,17,000	39,000
	H.SHED CURTAIN SYSTEM					
1	Equipment for curtain and Polithene. Birds Nos	95,902	3.50	3,35,658	2,51,743	83,914
	I.OTHER SMALL EQUIPMENTS					
1	Refrerator		22,500.00	22,500	16,875	5,625
2	Debeaking Chick Feeding Trey Sprayer, tools etc		50,000.00	50,000	37,500	12,500
3	Plastic troy and other Small Quipment		50,000.00	50,000	37,500	12,500
	J. CHICKS to PRE LAYER Point of Lay for 1st 3 Batch to be CAPITALISED					
1	Chick Cost					
2	Feed cost @ 0.25 Kg Chick's Mash/ Birds/Weeks X9 weeks	70,006	36.00	25,20,216	18,90,162	6,30,054
3	Feed cost @ 0.45 Kg Grower Mash/ Birds/Weeks X11 weeks	1,65,389	22.75	37,62,604	28,21,953	9,40,651
4	Medicine & Vaccination cost for Chicks	3,63,856	20.00	72,77,124	54,57,843	18,19,281
5	Medicine & Vaccination cost for Growers	73,506	0.25	1,65,389	1,24,042	41,347
6	Cost of Insurance of Day old Chicks	71,400	0.20	1,57,080	1,17,810	39,270
7	Insurance on Fixed assets in thousands	73,506	3.75	2,75,649	2,06,736	68,912
8	Salaries and Wages, Overheads, for 1st 6 months	42,296	1.25	52,870	39,653	13,218
	TOTAL PROJECT COST			5,85,16,793	4,38,87,595	1,46,29,198



WORKING CAPITAL REQUIREMENT (C/C)

Figure in Lacs

A For FARM SECTION

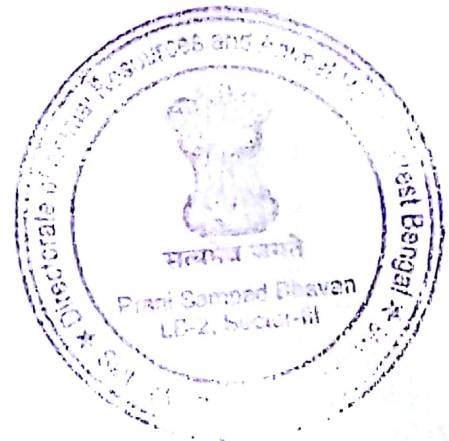
SI.No.	Particulars	Amount
1	Ready feed with Balanced by vitamins and minerals required 1 weeks/7 days Production of feed. Calculation based upon 3rd year projected feed requirement to running on full capacity, As per schedule No-Table -2	20.40
2	Essential Medicine & Vaccination for 3 months stock, Calculation based upon 3rd year projected feed requirement to running on full capacity As per schedule No- Table -2	0.67
3	Advance for one batches of chicks	8.40
4	other Expenditure for one months As per projected Table -	2.95
5	Products sales on credit for 1 week as per egg production statement & As per total sales statement in cash flow statement as per table -8	15.82
6	Packging materials requirement L.S	6.00
	TOTAL WORKING CAPITAL REQUIREMENT	54.23
	Less Margin 25%	13.56
	BANK LOAN C/C FOR FARM SECTION	40.68



~~(M)~~

LOAN REQUIREMENT & PROJECT COST (Figure in Lac)

Particulars of Loan		Nature of Loan	Project Cost	Bank Loan	Margin Companies Share
TERM LOAN					
1	Term Loan for Set-Up commercial Layer Poultry Unit	Term Loan	585.17	438.88	146.29
Total Term Loan			585.17	438.88	146.29
WORKING CAPITAL(C/C)					
A	For Farm Section	Cash Credit	54.23	40.68	13.56
TOTAL FUND OUTLAY		Total	639.40	479.55	159.85



STATEMENT OF FEED & MEDICINE COST

Year	No of Birds	Weeks	Feed Requirement Per Birds.inGrms/Week	Total feed Consumption Per Week/ Kg.	Feed Cost Per Kg	Total Feed Expense.	(Rs in Lac.)		(Rs in Lac.)	
							Total Yearly feed	Cost of Medicine/Bird Per Week	Total Cost of Medicine	Total Yearly Cost
BROODERS										
1	24502	27	0.250	165389	22.75	37.63			0.25	1.65
2	24502	18	0.250	110259	22.75	25.08			0.25	1.10
3	24502	18	0.250	110259	22.75	25.08			0.25	1.10
4	24502	18	0.250	110259	22.75	25.08			0.25	1.10
5	24502	18	0.250	110259	22.75	25.08			0.25	1.10
6	24502	18	0.250	110259	22.75	25.08			0.25	1.10
7	24502	18	0.250	110259	22.75	25.08			0.25	1.10
8	24502	18	0.250	110259	22.75	25.08			0.25	1.10
GROWERS										
1	23800	27	0.450	289170	20.00	57.83			0.20	1.29
2	23800	20	0.450	214200	20.00	42.84			0.20	0.95
3	23800	20	0.450	214200	20.00	42.84			0.20	0.95
4	23800	32	0.450	342721	20.00	68.54			0.20	1.52
5	23800	20	0.450	214200	20.00	42.84			0.20	0.95
6	23800	20	0.450	214200	20.00	42.84			0.20	0.95
7	23800	32	0.450	342721	20.00	68.54			0.20	1.52
8	23800	20	0.450	214200	20.00	42.84			0.20	0.95
LAYERS										
1	23335	27	0.784	493955	19.75	97.56	193.02		0.20	1.25
2	23335	128	0.784	2341714	19.75	462.49	530.41		0.20	5.97
3	23335	128	0.784	2341714	19.75	462.49	530.41		0.20	5.97
4	23335	116	0.784	2122178	19.75	419.13	512.76		0.20	5.41
5	23335	128	0.784	2341714	19.75	462.49	530.41		0.20	5.97
6	23335	128	0.784	2341714	19.75	462.49	530.41		0.20	5.97
7	23335	116	0.784	2122178	19.75	419.13	512.76		0.20	5.41
8	23335	128	0.784	2341714	19.75	462.49	530.41		0.20	5.97

COST OF DAY OLD CHICKS (DOC)

YEAR	No of CHICKS Per Batch	No of Batches	Total No of CHICKS	cost of one D.O.C	Rs In Lac. Total Cost of CHICKS
1	23335	3	70006	36.00	25.20
2	23335	2	46671	36.00	16.80
3	23335	2	46671	36.00	16.80
4	23335	2	46671	36.00	16.80
5	23335	2	46671	36.00	16.80
6	23335	2	46671	36.00	16.80
7	23335	2	46671	36.00	16.80
8	23335	2	46671	36.00	16.80




OTHER EXPENSES

SL.NO	PARTICULARS	No	Salary	Total	YEARS								
					1	2	3	4	5	6	7	8	
1	Salary & Wages				28.43	28.43	28.43	28.43	28.43	28.43	28.43	28.43	28.43
1	Manager	1	11,000	11000									
1	Manager/Supervisor	1	8500	102000									
2	Worker	35	6500	2730000									
2	Power & Fuel		38000	456000	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56	4.56
3	Insurance on Birds			262500	0.00	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63
4	Insurance on Fixed Assets			52870	0.00	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
5	Misc. Expenditure		20000	240000	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40
	Total Expenditure				35.39	35.39	35.39	35.39	35.39	35.39	35.39	35.39	35.39
	1st Year 50% of Total				17.70								

1st Year other expenditure will be 50% of Total expense

In Rupees

8,84,750

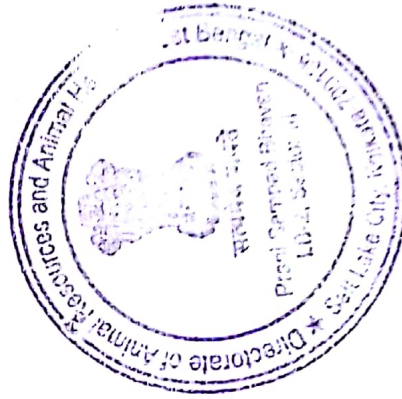


STATEMENT OF INCOME FOR SALES OF EGGS & CULLED BIRDS

Schedule No -5

YEAR	No of Birds Purchased	No of Birds Layers Available	No of Lay. Weeks	Egg Production Per Birds 330 no of Egg in 52 Weeks	Total Egg Production No	Sale Value EGGS	Sale Value of Total Egg	Sale Value		TOTAL INCOME
								of Culled Birds	of Culled Birds	
1	24,502	23,335	27	6.35	40,00,786	4.00	160.03			
2	24,502	23,335	128	6.35	1,89,66,688	4.00	758.67	35.47		160.03
3	24,502	23,335	128	6.35	1,89,66,688	4.00	758.67	35.47		794.14
4	24,502	23,335	116	6.35	1,71,88,561	4.00	687.54	35.47		794.14
5	24,502	23,335	128	6.35	1,89,66,688	4.00	758.67	35.47		723.01
6	24,502	23,335	128	6.35	1,89,66,688	4.00	758.67	35.47		794.14
7	24,502	23,335	116	6.35	1,71,88,561	4.00	687.54	35.47		794.14
8	24,502	23,335	128	6.35	1,89,66,688	4.00	758.67	35.47		723.01
								35.47		794.14

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STATEMENT OF GUNNY BAGS SALES

YEAR	Feed Consumed in / KG		Layers	Total Feed Consumed./KG	No of Gunny Bags Available 75 Kg Feed per Bag	Rate Per Bags in Rs.	Total Income in Lac.
	Brooders	Growers					
1	1,65,389	2,89,170	4,93,955	9,48,515	12,647	20	2.53
2	1,10,259	2,14,200	23,41,714	26,66,174	35,549	20	7.11
3	1,10,259	2,14,200	23,41,714	26,66,174	35,549	20	7.11
4	1,10,259	3,42,721	21,22,178	25,75,158	34,335	20	6.87
5	1,10,259	2,14,200	23,41,714	26,66,174	35,549	20	7.11
6	1,10,259	2,14,200	23,41,714	26,66,174	35,549	20	7.11
7	1,10,259	3,42,721	21,22,178	25,75,158	34,335	20	6.87
8	1,10,259	2,14,200	23,41,714	26,66,174	35,549	20	7.11




STATEMENT OF INCOME (SALES OF POULTRY MANURE)

YEAR	Layer Batch				Laying Weeks	Manure Per Bird/K.G	Total Qty/Layers	Total Available Qty	Rate of Manure M.T	Total Income from Manure
	Brooder		Laying							
	Batch Size for Brooder & Groger	Brooder Weeks	Manure Per Bird/Week	Total Qty Manure						
1	24502.1	27	0.300	198467	27	0.500	315022.5	513490	1300	6.68
2	24502.1	18	0.300	132311	128	0.500	1493440	1625751	1300	21.13
3	24502.1	18	0.300	132311	128	0.500	1493440	1625751	1300	21.13
4	24502.1	18	0.300	132311	116	0.500	1353430	1485741	1300	19.31
5	24502.1	18	0.300	132311	128	0.500	1493440	1625751	1300	21.13
6	24502.1	18	0.300	132311	128	0.500	1493440	1625751	1300	21.13
7	24502.1	18	0.300	132311	116	0.500	1353430	1485741	1300	19.31
8	24502.1	18	0.300	132311	128	0.500	1493440	1625751	1300	21.13

Figure in Lac

23335

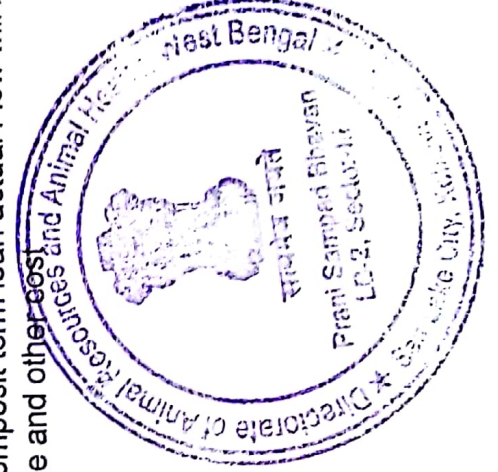


INCOME & EXPENDITURE STATEMENT

PARTICULARS/YEARS	1	2	3	4	5	6	7	8
EXPENSES								
1. Chicks	25.20	16.80	16.80	16.80	16.80	16.80	16.80	16.80
2. Feed.	193.02	530.41	530.41	512.76	530.41	530.41	512.76	530.41
3. Medicine.	4.20	8.03	8.03	8.04	8.03	8.03	8.04	8.03
4. Others	17.70	35.39	35.39	35.39	35.39	35.39	35.39	35.39
5. Administrative Expense	12.01	29.53	29.53	28.65	29.53	29.53	28.65	29.53
TOTAL EXPENSES	240.11	590.63	590.63	572.99	590.63	590.63	572.99	590.63

INCOME								
1. Eggs	160.03	758.67	758.67	687.54	758.67	758.67	687.54	758.67
2. Culls	0.00	35.47	35.47	35.47	35.47	35.47	35.47	35.47
3. Manure	6.68	21.13	21.13	19.31	21.13	21.13	19.31	21.13
4. Gunney Bags	2.53	7.11	7.11	6.87	7.11	7.11	6.87	7.11
TOTAL INCOME	169.24	822.38	822.38	749.19	822.38	822.38	749.19	822.38
NET INCOME	-70.88	231.75	231.75	176.20	231.75	231.75	176.20	231.75

** As all recurring expenses in the 1st year has been considered for composit term loan actual Flow will be Rs 80.08
The amount in the project cost Rs. 150.96 lacs for Chicks, Feed, Medicine and other cost



ESTIMATION OF WORKING RESULT

YEAR	I	II	III	IV	V	VI	VII	VIII
Revenue Earning (Income)	169.24	822.38	822.38	749.19	822.38	822.38	749.19	822.38
Total Expenses (Chicks, Feed, Medicine, Others)	Provide by Bank Loan	590.63	590.63	572.99	590.63	590.63	572.99	590.63
Interest	0.00	51.97	46.23	38.58	30.94	23.29	15.64	7.99
Depreciation	0.00	38.86	33.81	29.44	25.65	19.82	19.78	17.29
Cash Accrual	169.24	140.92	151.71	108.18	175.16	188.64	140.78	206.47
Add Back Depreciation	0.00	38.86	33.81	29.44	25.65	19.82	19.78	17.29
Net Cash Accrual	169.24	179.78	185.52	137.62	200.81	208.46	160.56	223.76
(-) Repayment Principal	0.00	36.42	72.84	72.84	72.84	72.84	72.84	72.84



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REPAYMENT SCHEDULE WITH DSCR

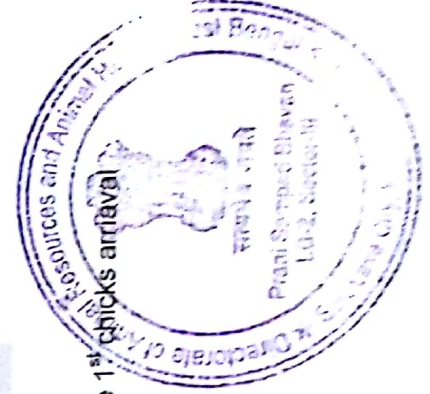
(Figure in lakh)

Year	Opening Balance of Term Loan	Principal Repayment of Term loan	Closing Balance of Term Loan	Interest on Term Loan	Interest on Working Capital @	Total Interest for P/L Account	T.L Installment + Interest on T.L	PAT Before Depreciation + T.L Interest	PAT Before Depreciation	Gross Average D.S.C.R	Net Average D.S.C.R	
											D.S.C.R	D.S.C.R
1	438.88	0.00	438.88	10.25	10.25	0.00	0.00	22.56	22.56	0.00	0.00	0.00
		Interest Capitalised 1st yr	473.44									
2	473.44	36.42	437.02	47.80	4.17	51.97	84.22	174.43	126.63	2.07	3.48	3.48
3	437.02	72.84	364.18	42.06	4.17	46.23	114.90	161.40	119.33	1.40	1.64	1.64
4	364.18	72.84	291.35	34.42	4.17	38.58	107.25	119.53	85.11	1.11	1.17	1.17
5	291.35	72.84	218.51	26.77	4.17	30.94	99.60	154.36	127.59	1.55	1.75	1.75
6	218.51	72.84	145.67	19.12	4.17	23.29	91.96	150.32	131.20	1.63	1.80	1.80
7	145.67	72.84	72.84	11.47	4.17	15.64	84.31	109.75	98.27	1.30	1.35	1.35
8	72.84	72.84	0.00	3.82	4.17	7.99	76.66	144.97	141.14	1.89	1.94	1.94
										1.57	1.87	1.87

1 * WORKING CAPITAL LOAN (C/C) Interest Farm Section for Rs. **40.68** Lacs
 Total Rs. **40.68** Lacs and annual interest for those C.C will be **4.17** Lacs.

2 Holiday period 18months. Repayment will be start after 18 months from the First date of disbursement. or one year from the 1st chicks arrival to the Farm. Whicher is Latter.

Gross Average D S C R **1.57** Net Average D S C R **1.87**



DEPRECIATION CALCULATION TABLE (W.D.V.)

(Rs in Lacs)

YEAR	SHED/CIVIL CONSTRUCTION -10%		CAGE/ MACHINERY -15%		TOTAL	
	Op. Balance	Depreciation	Op. Balance	Depreciation	DEPRECIATION	CL. BALANCE
1	267.50	0.00	155.46	0.00	0.00	422.96
2	155.46	15.55	155.46	23.32	38.86	384.10
3	139.91	13.99	132.14	19.82	33.81	350.28
4	125.92	12.59	112.32	16.85	29.44	320.84
5	113.33	11.33	95.47	14.32	25.65	295.19
6	102.00	7.65	81.15	12.17	19.82	275.37
7	94.35	9.43	68.98	10.35	19.78	255.59
8	84.91	8.49	58.63	8.79	17.29	238.30



CASH FLOW STATEMENT

Figure in Lakh

DESCRIPTION & REFERENCE	1ST YEAR	2ND YEAR	3RD YEAR	4TH YEAR	5TH YEAR	6TH YEAR	7TH YEAR	8TH YEAR
INFLOW								
Capital	146.29	13.56						
Bank Term Loan	438.88	0.00						
Interest Capitalised	34.56	0.00						
Bank Working Capital Loan	0.00	40.68						
Net Profit Before Depreciation	22.56	164.25	155.99	108.97	171.28	178.93	131.91	194.22
TOTAL	642.29	218.48	155.99	108.97	171.28	178.93	131.91	194.22
OUTFLOW								
Acquisition of Fixed Assets	422.96							
Cost for Birds Flocks Stock	140.00	14.00						
Cost of Buffer/Working stock	0.00	50.00						
Repayment of Term Loan	0.00	36.42	72.84	72.84	72.84	72.84	72.84	72.84
Tax Paid	0.00	37.62	36.65	23.86	43.69	47.73	33.64	53.08
TOTAL	562.96	138.03	109.49	96.70	116.52	120.57	106.48	125.92
NET INFLOW (OUTFLOW)	79.32	80.45	46.50	12.27	54.76	58.36	25.44	68.31
OPENING CASH & BANK BALANCES	0.00	79.32	159.77	206.27	218.55	273.30	331.66	357.10
CLOSING CASH & BANK BALANCES	79.32	159.77	206.27	218.55	273.30	331.66	357.10	425.41

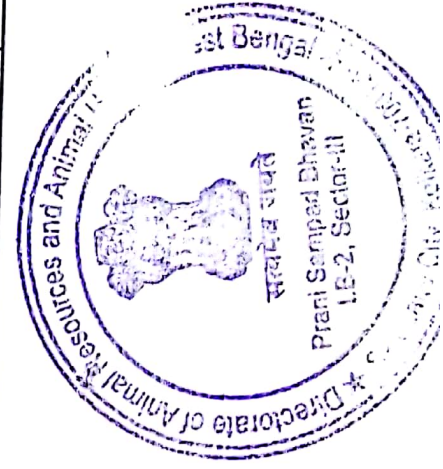
Working capital should be disbursed from incoming of 1st flock arrival



PROJECTED PROFIT AND LOSS ACCOUNT

Figure in Lacs

DESCRIPTION & REFERENCE	1ST YEAR	2ND YEAR	3RD YEAR	4TH YEAR	5TH YEAR	6TH YEAR	7TH YEAR	8TH YEAR
A. INCOME								
Income from Sales	169.24	822.38	822.38	749.19	822.38	822.38	749.19	822.38
TOTAL INCOME	169.24	822.38	822.38	749.19	822.38	822.38	749.19	822.38
B. EXPENDITURE								
Total Expenditure	240.11	590.63	590.63	572.99	590.63	590.63	572.99	590.63
Interest	34.56	51.97	46.23	38.58	30.94	23.29	15.64	7.99
Depreciation	0.00	38.86	33.81	29.44	25.65	19.82	19.78	17.29
Administrative Expenditure	12.01	29.53	29.53	28.65	29.53	29.53	28.65	29.53
TOTAL EXPENDITURE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	286.68	711.00	700.21	669.66	676.75	663.28	637.06	645.44
NET CREDIT -(A-B)	-117.44	111.39	122.17	79.53	145.63	159.11	112.13	176.94
Opening stock of Birds	0.00	140.00	154.00	154.00	154.00	154.00	154.00	154.00
Closing Stock of Birds	140.00	154.00	154.00	154.00	154.00	154.00	154.00	154.00
PROFIT BEFORE TAXATION	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	22.56	125.39	122.17	79.53	145.63	159.11	112.13	176.94
PROVISION FOR TAXATION	0.00	37.62	36.65	23.86	43.69	47.73	33.64	53.08
PROFIT AFTER TAXATION	22.56	87.77	85.52	55.67	101.94	111.37	78.49	123.86
NET PROFIT BEFORE DEPRECIATION	22.56	164.25	155.99	108.97	171.28	178.93	131.91	194.22
Net Profit after tax Before Depreciation	22.56	126.63	119.33	85.11	127.59	131.20	98.27	141.14



PROJECTED BALANCE SHEET

Figure in Lakh

DESCRIPTION & REFERENCE	1ST YEAR	2ND YEAR	3RD YEAR	4TH YEAR	5TH YEAR	6TH YEAR	7TH YEAR	8TH YEAR
LIABILITIES								
Capital	146.29	159.85	159.85	159.85	159.85	159.85	159.85	159.85
Bank Loan (Term Loan)	473.44	437.02	364.18	291.35	218.51	145.67	72.84	0.00
Bank Loan (Working capital)	0.00	40.68	40.68	40.68	40.68	40.68	40.68	40.68
Reserve & Surplus	22.56	110.33	195.85	251.52	353.46	464.83	543.33	667.18
Tax Provision	0.00	37.62	36.65	23.86	43.69	47.73	33.64	53.08
TOTAL	642.29	785.49	797.21	767.25	816.18	858.76	850.33	920.79
ASSETS								
Fixed Assets Less Depreciation	422.96	384.10	350.28	320.84	295.19	275.37	255.59	238.30
Stock of Flocks	140.00	154.00	154.00	154.00	154.00	154.00	154.00	154.00
Stock of Feed & suppliments	0.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Cash & bank Balances	79.32	159.77	206.27	218.55	273.30	331.66	357.10	425.41
Advance tax	0.00	37.62	36.65	23.86	43.69	47.73	33.64	53.08
TOTAL	642.29	785.49	797.21	767.25	816.18	858.76	850.33	920.79
Difference	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00