

Model DPR of Rural Poultry breed development unit (1000 Female +100 Male) under NLM Entrepreneurship Development Programme

A. ABOUT THE APPLICANT (Fill any one out of a, b or c, whichever is applicable)

a. In case of *Individual*

Sl. No	Particulars	Details
1.	Name	
2.	Name of the Key Promoter (if Joint Application)	
3.	Age	
4.	Sex	
5.	Aadhaar Card No.	
6.	PAN Card No.	
7.	Permanent Address	
8.	Contact No.	
9.	Date of Birth	
10.	Educational qualification	
11.	Years of Farming Experience	
12.	Bank Account Number	
13.	Name of Bank	
14.	IFSC Code of Bank	

OR

b. In case of Joint Application

Sl. No	Particulars	Details of Joint applicants					
		Name	Age	Sex(F/M)	PAN Card No.	Aadhaar Card No.	Contact Details
1.	Name of joint applicants						
2.		i.					
3.		ii.					
4.		iii.					
5.	Name of key promoter (between the above-mentioned joint applicants)						
6.	Permanent Address of key promoter						
7.	Date of Birth of key promoter						

Sl. No	Particulars	Details of Joint applicants
8.	Educational qualification of key promoter	
9.	Years of Farming Experience of key promoter	
10.	Bank Account Number	
11.	Name of Bank	
12.	IFSC Code of Bank	

OR

c. About The SHG, FCOS, JLG, FPOs, Dairy Cooperative Societies, Section 8 Companies

Sl. No	Particulars	Details
1	Name of the Organization	
2	Name of the Key Promoter	
3	Establishment Details (DD/MM/YYYY)	
4	Registration Number	
5	Registration Address	
6	Contact Number	
7	Pan Card	
8	Number of Partners (in any)	
9	Name of the Partners	
10	Bank Account Number	
11	Name of Bank	
12	IFSC Code of Bank	

B. ABOUT THE PROJECT

SL NO.	PARAMETERS	VALUES
1.	Name of breed	
2.	Unit Size	a. No. of Male
3.		b. No. of Female

4.	Project Location		
5.	Poultry farming Experience (Yes/No)		
6.	Land Ownership (Owned/lease deed)		
7.	Total Land Area (in acres)		
8.	Number of people employed		
9.	Number of farmers to be impacted		
10.	Implementation period (No. of Years)		
11.	Electricity (Yes/No)		
12.	Land Connectivity (Yes/No)		
13.	Distance from nearest Vet. Hospital (in Kms)		

C. MEANS OF FINANCE (Fill any one out of a or b, whichever is applicable)

a) BANK LOAN			
Sl. No	Particulars	Amount	Percentage (%)
1	Subsidy from Govt.		50% of capital investment as per NLM guidelines or maximum amount whichever is lesser
2	Own Contribution		10%
3	Bank Loan		
Total (Rs.)			

OR

b) SELF FINANCE			
Sl. No	Particulars	Amount	Percentage (%)
1	Subsidy from Govt.		50% of capital investment as per NLM guidelines or maximum amount whichever is lesser
2	Own Contribution		50%
Total (Rs.)			

D. PROJECT PROFILE

i. INTRODUCTION

Poultry farming holds significant importance in India due to its pivotal role in providing livelihood opportunities, enhancing nutritional security, and fostering rural development. As an integral part of rural livelihoods, poultry farming offers

smallholder farmers a sustainable source of income and employment, particularly in regions where access to other economic opportunities is limited. Moreover, rural poultry farming serves as a crucial supplement to household diets, providing valuable sources of protein through eggs and meat, thereby addressing malnutrition, and contributing to food security in rural communities. Over the past few decades, the Indian poultry industry has undergone a significant transformation. It has transitioned from traditional backyard farming to a techno-commercial industry that employs scientific methods to enhance production of chicken and eggs. As a result, India now ranks as the second largest egg producer and the fifth largest chicken meat producer globally. The poultry population in India has experienced substantial growth in recent years.

ii. **PROJECT OBJECTIVES**

- Increase in production of eggs.
- Employment generation.
- To meet the ever increase demand of eggs.
- Establishment of Forward and Backward linkages.

iii. **REQUIRED CONDITIONS**

a) **Housing:**

The house construction will be solid, featuring asbestos roofing. Additionally, there are built-in laying nests. The project includes the installation of a tube well and laying of pipelines. Furthermore, there are plans to construct a brooder-cum-grower house, measuring at a rate of 1 square foot for the layer. Suitable quarantine/ isolation units will be made to check any disease transmission.

The different units will be as per the scheme guidelines.

b) **Water:**

Good quality fresh water for birds drinking and for the cleaning, washing etc. to be made available.

Waste Disposal: Optimum measures to utilize the excreta and recycle the animal waste are to be ensured as this will also lead to generation of income.

c) **Veterinary Aid:**

Veterinary aid /breeding centers facilities to be available near the Poultry farm.

iv. **MARKET POTENTIAL**

The overall global demand for eggs is growing, more in India. With rapidly changing lifestyles, affluent culture, and a conscious need for general wellness, Indian consumers are now opting for a more protein-rich diet. The changing trends are a boon for the layer sector in India. Today, India's per capita egg consumption is at 41 eggs per annum. Over the last couple of years, the per capita consumption of eggs has increased at an aggregate of 4% with a majority consumption recorded in the urban areas. Efforts to promote egg consumption are in place by layer farming community in India to achieve 180 eggs per annum in the coming years. Keeping this target in mind, the requirement for production is estimated at 18,000 crores (180 billion) eggs, while the current rate is capable of achieving only 46.2 billion eggs. This provides for a huge opportunity to tap into. With rapid urbanization and increasing demand from the present 250 million economically strong, consumer market base, the future is only bright for the

layer sector in India. Affluent lifestyles and rapid development in the retail and food service industries is expected to fuel the growth as targeted by The National Committee on Human Nutrition in India. Adding to this is the health-conscious Indian shifting from a carbohydrate to a protein-rich diet. In addition, the Indian consumers' preference is increasing for clean, safe, hygienic nutritious and properly packed, labelled and presentable food products including eggs.

E. ECONOMIC OF THE PROJECT

a. Basis and Assumptions

Particulars	Unit	Quantity
I. Techno-economic parameters		
Breed of Poultry Birds		
Number of birds in breeding unit	(1000 Female +100 Male)	
Brooding cum growing period	Weeks	
Laying period	Weeks	
No of days for brooding		
No of days for hatching in unit	%	
Space required per birds in brooder cum grower house		
Mortality rate	%	
Saleable age of kids	Months	
II. Expenditure details		
Cost of one month old chicks		
Space required per birds in brooder cum grower house		
No. of Unskilled labor		
Cost of one semi-skilled labor/annum		
Requirement of concentrate feed/adult animal/month	Kg	
Requirement of concentrate feed/kid/month	Kg	
Rate of concentrate feed /kg	Rs	
Misc. expenditure i.e vaccine medicine and veterinary aid	Rs.	
Electricity and water supply per animal per month	Rs.	
Own contribution in project cost	%	
III. Income details		
Sale price of Eggs	Rs.	

b. Total cost of the project

I. CAPITAL COST				
Particulars	Unit	Quantity	Unit Rate (Rs.)	Amount
Poultry Parent Stock				
Construction of Shed	Sq.ft			
Electric Brooder	Nos			
Cost of Female bird	1000 Nos			
Cost of Male Bird	100 Nos			
Chick Feeder	Nos			
Chick Drinker	Nos			
Adult Feeder	Nos			
Adult Drinker	Nos			
Hatchery for Hatching Eggs				
Incubator	Rs.			
Construction of Hatchery Building	Sq. ft.			
Hatcher Capacity	Nos			
Generator	Nos			
Mother Unit for Brooding Chicks				
Construction of shed	Sq.ft.			
Electric Brooder	Nos			
Chick feeder	Nos			
Chick Drinker	Nos			
Other				
Insurance of Birds	Rs			
Medicines/Vaccination	Rs			
Transportation	Rs			
Sub-Total (A)				

RECURRING EXPENDITURE for 1st year				
1. Concentrate feeds	Rs. /Kg			
2. Concentrate feeds for kids	Rs. /Kg			
3. Unskilled labor	Rs/Annum			
4. Electricity & water supply	Animal/Year			
5. Miscellaneous.	Rs.			
Sub- Total (B)				

*Eligible subsidy is 50% of capital cost.

Total Cost of Project (A + B) _____

c. Projected Performance & Profitability

Flock Production Chart

Particulars	I Year	II Year	III Year	IV Year	V Year
Total Eggs Production					
Total Eggs /Year/bird					
Total eggs from 1000 birds for year					
Total eggs after damage					
Total Sale of Eggs					
Total Eggs Production					
Total Eggs /Year/bird					
Mortality of Chick after hatching					
Total DOC sold					
* Eggs produced in the first year will be sold in second year and so on					

Income Expenditure statement

Table

Loan Repayment statement

Table

Profit loss statement

Table

Cash flow statement

Table

Financial Analysis

Particulars	I Year	II Year	III Year	IV Year	V Year
Capital Cost					
Recurring Cost					
A. Total Cost					
Income from sale of eggs					
Income from sale of chicks					
Income from sale of birds					
B. Total Income					
C. Net Income (B-A)					

IRR

BCR

NPV