

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Improvement on Genetic Resource of Native Chicken by Using Artificial Insemination**
2. PROJECT DATES:
- PROJECT START: **1/1/2019**
- ESTIMATED COMPLETION: **1/1/2021**
3. TOTAL PROJECT COST: **\$50,000**
4. RESPONSIBLE MINISTRY: **Ministry of Agriculture, Forestry and Fisheries**
- RESPONSIBLE UNIT:
- អង្គភាពទទួលខុសត្រូវ: **អគ្គនាយកដ្ឋានសុខភាពសត្វ និងផលិតកម្ម**
5. PROJECT STATUS: **Planned**

DETAILED PROJECT INFORMATION

6. TYPE OF PROJECT: **Free-standing technical assistance**
7. SOURCE OF PROJECT FUNDING: **Grant**
8. THE POLICY AREA OF THE PENTAGON STRATEGY PHASE I THAT THIS PROJECT FALLS UNDER:V
Side 2. Promotion of Micro, Small, and Medium Enterprises, Startups, Entrepreneurship, and Development of Informal Economy
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:
Strengthen and extend local chicken genetic to provide high production and supply chick to farmers to raise to generate house hold income and poverty reduction.
10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:
Does this Project support to the implementation of the Cambodia Industrial Development Policy? **No**

11. SECTOR:
- | | |
|---|------------------------|
| Agriculture, Fisheries & Land Management:
excluding seasonal Crop production | Land Management |
| | Land Management |
| | Land Management |

12. PROJECT LOCATION: (Describe the location of the project and its components.)

Phnom Penh, Takeo, Kampong Speu,

13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)

1- Study on semen quality and dilution; 2- Breeding by using Artificial Insemination; 3- Study on hatching rate; and 4- Study on growth performance.

14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)

1- Selecting high weight local chicken, 1000 hences with >2 Kg of body weight, and 100 Cockerels with > 3 Kg of body weight, by allocating in separated cage; 2- Examining the semen quality; 3-Breeding and hatching; 4- Vaccinating program; 5- Making concentration feed by using corn and soyabean.

15. PROJECT JUSTIFICATION: (Give reasons why this particular project is considered worthwhile.)

High population growth, high price of meat for consumption, number local chicken decrease dramatically but the price is high- local chicken meat is palatability- however there was high mortality, so shortage of support for raising.

16. BENIFITS: (Who will benefit, directly and indirectly, from the project?)

Produced local chicken will provide to farmers, increase farmer household income, reduce poverty, enhance food safety, support government policy and enhance students' knowledge.

17. FEASIBILITY STUDY

Is a Feasibility Study for the project required? **Yes**

If YES, has it been carried out? **Has been done**

18. SOCIAL & ENVIRONMENT IMPACT: (Briefly describe the effects of the project, if any, on the people and the surrounding enviroment. Will the project assist in alleviating poverty?)

Poverty reduction through generating the farmer household income, market for local chicken is available, sell in high price and low mortality.

19. CLIMATE CHANGE

a. Is any activity or output of the project related to Climate Change? **No**

b. How is the project relevant to Climate Change?

Please select a Climate Change related sector of the project and fill up the contribution of the climate change related expenditure compared to the total project cost.

Climate Change-Related Sector	Percentage	Climate Change Relevance
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20. DISASTER RISK REDUCTION

Is any activity or output of the project related to Disaster Risk Reduction? **No**

21. GENDER ANALYSIS: (How does the project affect the roles of the men and women in the project area? Will women be actively involved in the implementation of the project?)

Small animal, women can easily keep at backyard, if farming husband and family members can join, provide job for family, reduce immigration.

22. CAPACITY TO IMPLEMENT: (Does the Ministry have the skills and experience required to implement the project?)

Prof. Dr. Chhumpith Loan, specialist in chicken breeding, graduated doctoral degree in 1995 in poultry breeding.

23. STATUS OF PROJECT IMPLEMENTATION: (Provide a brief update on the progress of the project to date. Discuss any major problems causing delays in project implementation.)

1- Selecting high body weight chicken and raising in separating cage, 2- Analyze the semen quality, 3- Breeding with Artificial Insemination and Hatching, 4- Prepare vaccination program with different age, 5- Feeding with home made concentrate by using corn and soybean.

The measuring parameters as following: weekly and daily weight gain, daily feed intake, feed conversion ratio, Hatching rate and semen quality.etc.

24. PROJECT PRIORITY: (Please indicates the priority ranking of the project decided by the ministry/agency.)

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25. DONOR INVOLVEMENT: (Provide any information on current or potential donor involvement in the project.)

PART B : PROJECT COSTS AND FUNDING SOURCES
(In US\$'000)

INVESTMENT COST	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	Recurrent Cost Est.
	Budget	Actual						
Operational Expenditure	0.0	0.0	0.0	8.0	4.8	4.8	17.6	0.0
Salaries	0.0	0.0	0.0	4.8	4.8	4.8	14.4	0.0
Materials + Admin	0.0	0.0	0.0	2.2	0.0	0.0	2.2	0.0
Other	0.0	0.0	0.0	1.0	0.0	0.0	1.0	0.0
Capital Expenditure	0.0	0.0	0.0	22.0	5.2	5.2	32.4	0.0
Construction	0.0	0.0	0.0	9.0	0.0	0.0	9.0	0.0
Consultancy (i.e. TA) + Admin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	6.0	0.0	0.0	6.0	0.0
Training	0.0	0.0	0.0	5.0	3.2	3.2	11.4	0.0
Other	0.0	0.0	0.0	2.0	2.0	2.0	6.0	0.0
TOTAL COST	0.0	0.0	0.0	30.0	10.0	10.0	50.0	0.0
FUNDING SOURCES	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	
	Budget	Actual						
Project Revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Government Funding	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cash Input	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other Resources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Donor Funding								
TOTAL COMMITTED FUNDING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
FUNDING REQUIRED	0.0	0.0	0.0	30.0	10.0	10.0	50.0	
(Total Cost - Funding Available)								

**Seen and Approved by
Minister**

(Signature)

Date :