

**OFFICE OF THE MANAGING DIRECTOR
ASSAM LIVESTOCK & POULTRY CORPORATION LTD
KHANAPARA, GUWAHATI-22**

EXPRESSION OF INTEREST (EOI)

NoALPCO/T/2022/85

Dated. 17/12/2022

Government of Assam proposed for implementation of credit linked subsidy Schemes under Hon'ble Chief Ministers Flagship Programme for self sufficiency in Pork & Egg production in Assam during 2021-22 to 2025-26. The objective of the scheme is to support the piggery and poultry farmers of the state for production of pork and eggs to meet the states demand as well as to export to neighboring state. The scheme is being implemented by Animal Husbandry and Veterinary Department through Assam Livestock and Poultry Corporation Ltd. The Scheme Guidelines are being made available at website at www.alpco.assam.gov.in and www.animalhusbandry.assam.gov.in or can contact the District AH & Veterinary Offices or Assam Livestock and Poultry Corporation Head office for details.

As per the requirement under the scheme, the Animal Husbandry & Veterinary Department, Govt. of Assam invites applications from individual farmers, FPOs, JLGs, SHGs and Section 8 companies for availing benefits under the programme for establishment of the following units:

A	Poultry Sector Intervention:	Indicative Unit Cost (Rs.)	Subsidy ceiling (Rs.)
1.	Commercial layer units with 500 layer birds in cages	3,90,000.00	1,95,000.00
2.	Commercial Pullet Rearing unit	30,00,000.00	10,00,000.00
B	Pig Sector intervention		
1.	100 sow Pig breeding unit with feed mill and bio-security system	3,00,00,000.00	100,00,000.00
2.	25 sow Pig breeding unit with bio-security system	75,00,000.00	25,00,000.00
3.	2 sow breeding unit	64,000.00	32,000.00
4.	2 pig fattener unit	32,000.00	16,000.00

The details of unit cost, eligibility criteria, eligible financial institute for funding and Subsidy ceiling have been annexed as Annexure-I in the operational Guideline.

Managing Director,
Assam Livestock and Poultry Corporation Ltd.
Khanapara, Guwahati-22

NB:

1. The Eligible Beneficiaries who are fulfilling the criteria under the scheme, shall apply through financing bank in prescribed form for application and required documents has been provided Annexure III of the guideline WITHIN 20TH February 2023.
2. The offer for EOI shall be valid for a period of 9 months initially which may be extended if required by the department. Subsidy will be provided depending on the budget availability and first cum first serve basis.
3. Where there is any indication that a conflict of interest exists or may arise, it shall be the

responsibility of the Eligible Entity to disclose and inform the State Implementing Agency detailing the conflict in writing as an attachment to this document. State Implementing Agency will be the final arbitrator in cases of potential conflicts of interest. Failure to notify any potential conflict of interest will invalidate the application.

4. The EOI is an offer and is issued with no commitment. State Implementing Agency reserves the right to withdraw EOI and or vary part thereof at any stage. The State Implementing Agency further reserves the right to disqualify any applicant, should it be necessary at any stage.
5. The Department of Animal Husbandry & Veterinary , Government of Assam or any of its designates reserves the right to cancel this request for EOI and / or invite fresh with or without amendments, without liability or any obligations for such request for EOI and without assigning any reason. Information provided at this stage is indicative and the Department reserves the right to amend / add further details in the EOI.

**APPLICATION FORM
FOR SEEKING ASSISTANCE UNDER CHIEF MINISTER'S FLAGSHIP PROGRAMME UNDER
SOPD-G, 2022-23**

		PHOTO
		Signature
Sl. No.	Particulars	
1.	Name of Scheme/Activity under which assistance is required	
2.	Name of Beneficiary	
3.	Father's/Husband's Name	
4.	Mother's Name	
5.	Aadhar No.	
6.	Mobile No.	
7.	Address	
8.	Category (General/SC/ST/OBC/Others)	
9.	Educational Qualification	
10.	Experience in Livestock Farming	
11.	Whether attended any Livestock Farming related Training (if yes, give details)	
12.	Bank sanction No. & Date	
13.	Land acquired/lease (in Acres)	
14.	No. of birds/animals being maintained	
15.	Cost of Project	
16.	Expected output	
17.	Amount of Subsidy	
18.	Whether Subsidy for this purpose has been availed earlier?	
19.	GIS Location	
20.	Source of rest of the Project Cost	

	BANK DETAILS	
21.	PAN No.	
22.	Bank Account Number	
23.	Name of Bank	
24.	Address of Bank Branch	
25.	IFSC Code of Bank	
26.	MICR Code of Bank	
27.	Any other relevant information	

Enclosure:

- I. Supporting documents [Proof of Address, Aadhar card, caste certificate (if applicable), proof of land holding (ownership or lease), education certificate, photocopies of training certificate, income proof, bank statement for last six months.
- II. Detailed Project Report including total cost, recurring cost, net income etc.
- III. Photograph of the project area.
- IV. Experience about any livestock farming activities done earlier.
- V. Proof of remaining 50% project cost (beneficiary share).
- VI. GI Tagging of the Project site

Documents to be enclosed:

Proof of Identity (Aadhar Card/Voter ID card/Pan Card/Driving License).
Proof of Address (Aadhar Card/ Voter ID card/ Driving License/ Bank Passbook).
Caste certificate (if applicable).
Proof of land holding for project area (ownership or lease).
Education certificates.
Training certificate.
Income proof.
Income Tax Return for last 3 years (Company) .
Bank statement for last six months.
Detailed Project Report including total cost, recurring cost, net income etc.
Photograph of the project area.
Experience about any livestock farming activities done earlier.
GI Tagging of the Project site (If possible).

Declaration by Applicant

I, _____ S/o/D/o/W/o _____
hereby declare that the information furnished above is true to my knowledge and belief and in
case any of the information provided above is found false or untrue my application will be liable
to be rejected.

Signature of Applicant: Name of the Applicant:

Address & Pin code:

Ph. No.:

Email:

Performa Bank Guarantee

(From any scheduled commercial bank to be valid for three years)

This Deed of Guarantee executed on this _____ day of _____, 20.... at by (from any scheduled commercial bank), having its Head Office / Registered Office at and inter-alia a Branch Office at_(hereinafter referred to as the Bank or 'the Guarantor', which expression shall unless it be repugnant to the subject or context hereof be deemed to include its successors and assigns).

In favour of Animal Husbandry and Veterinary Department, Govt. of Assam, Dispur, Guwahati-5, Assam

WHEREAS

A. [.....], Individual/ Farmers Producer Organization, Joint Liability Group (JLG)/ Farmers Cooperative Organization/Section 8 companies under-----and having its Registered Office/ Home at [-----] (hereinafter referred to as 'the Applicant" which expression unless repugnant to the subject or context includes its successors. Legal representatives and permitted assigns) and has been awarded approval under the above scheme vide Letter Reference ----- dated.....

B. In terms of the undertaking dated ----- and Clause ----- of the Guidelines Reference No ----- dated, the Applicant has to provide a Bank Guarantee for an amount equivalent to INR which is calculated in line with the undertaking.

C. At the request of the Applicant, the Guarantor has agreed to provide this guarantee, being these presents, guaranteeing the due and punctual performance / discharge by the Applicant of its obligations.

NOW THEREFORE THIS DEED WITNESSETH AS FOLLOWS

The Guarantor hereby irrevocably guarantees the due and compliance of terms by the Applicant of all its obligations under the said undertaking and approval letter, as amended from time to time.

A. The Guarantor shall, without demur, pay to AHVD sums not exceeding in aggregate ----- (INR -----) within five (5) bank working days (as per the Reserve Bank of India) of receipt of a written demand thereof from AHVD stating that the Applicant has failed to meet its obligations under the said undertaking. The Guarantor shall have not to go into the veracity of any breach or failure on the part of the Applicant or validity of the demand so made by AHVD shall pay the amount specified in the demand notwithstanding any direction to the contrary given or any dispute whatsoever raised by the Applicant or any other person. The Guarantor's obligations hereunder shall subsist until all such demands are duly met and discharged in accordance with the provisions hereof;

B. The Guarantor agrees that its liability under this guarantee shall in no manner be affected by any such variation, alteration, modification, waiver dispensation and that no further consent of the Guarantor is required for giving effect to any such variation, alteration, modification, waiver dispensation with or release of security;

C. This Guarantee shall be irrevocable and shall remain in full force for three years from the date of issuance.

D. Until and unless discharged / released earlier by AHVD in accordance with the provisions of the said undertaking, the Guarantor 's liability in aggregate shall be limited to a sum of INR

.....(INR)

E. This Guarantee shall not be affected by any change in the constitution or winding up of the Applicant / Guarantor or and absorption, merger or amalgamation of the Applicant / Guarantor with any other person;

F. The Guarantor has power to issue this Guarantee and discharge the obligations contemplated herein, and the undersigned is duly authorized to execute this Guarantee pursuant to the power granted under.

All future correspondence with reference to this Guarantee shall be made to.....

(The jurisdiction in relation to this Guarantee shall be the Courts at Guwahati and Indian Law shall be applicable.)

IN WITNESS WHEREOF THE GUARANTOR HAS SET ITS HANDS HEREUNTO ON THE:
DAY, MONTH AND YEAR FIRST HEREINABOVE WRITTEN

SIGNED AND
DELIVERED by
Bank by the hand of it's... and authorized official.

Name and Address

Performa for submission of Bank Guarantee

(Undertaking from the Application the letter head)

1. 1/ We,....., hereby, acknowledge that the back ended subsidy that would / may be provided to me/us under the Entrepreneurship programme under Chief Minister’s Falgship Programme for establishment ofat village.....District in India, as per the Guidelines, communications, after relying up on, the information provided by us to avail the said subsidy.
2. We hereby confirm that the information provided by us for availing the said back ended is true, correct and complete in all respects and that no material fact/information that may have an adverse impact on the information provided by us for availing the said Incentive has been concealed.
3. We hereby confirm that the Committed Investment of the 25% of the project cost, as per the approval letter, is to be made by us within six months from our own fund the date of approval letter.
4. With regard to the aforesaid transactions, we hereby undertake the following:

We undertake to provide Bank Guarantee/s from a scheduled commercial Bank for the amount which is mentioned below:

Particulars	Details
Date of issuance of Approval Letter	
Validity period of BG*	
Amount of BG	

* Valid for three years or renewed till the date AHVD release such Guarantee whichever is later.

A. We understand and agree that, we are legally bound to renew the BG / issue fresh BG, failing which AHVD may invoke the BG.

B. In case of loss, mutilation, force majeure or any other eventualities, with respect to Original BG (favoring AHVD), AHVD will not be liable for the same and the onus would be with us to arrange for alternate/duplicate BG in place of the original BG.

We also understand that the BG will be invoked or released as per the provision in the guidelines.

Date

Signature
(Name & designation with address)

OPERATIONAL GUIDELINE

FOR

IMPLEMENTATION OF SCHEMES

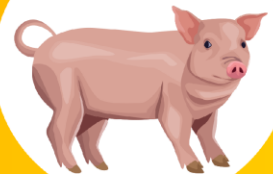
PIG SECTOR INTERVENTION

FOR

SELF SUFFICIENCY IN PORK

PRODUCTION IN ASSAM

ANIMAL HUSBANDRY & VETERINARY DEPARTMENT ASSAM



OPERATIONAL GUIDELINE
FOR
IMPLEMENTATION OF SCHEMES
PIG SECTOR INTERVENTION FOR SELF SUFFICIENCY IN PORK PRODUCTION IN ASSAM

I. Pig Rearing – A Traditional Activity of Rural Assam

Pig rearing is one of the most important occupations of rural society especially among the tribal masses of Assam. It has largely remained under nomadic system of rearing with the weaker sections of the society both as a source of income and a choice of meat for consumption. Bulk of the pig population in Assam is indigenous type with low growth rate and productivity. The increasing demand for animal source foods in the NER generally coupled with current low productivity of the pig population suggests that well-targeted interventions in piggery sector could deliver significant livelihood benefits for tribal and other marginalized groups in the region.

Assam is the major state in the NER, it has the largest human population (31 million) in the North Eastern Region and the biggest pig herd (over 2.1 million as per 19th Livestock Census). Assam shares 15.89% of country's pig population. The Pig rearing comes naturally to people of this region and has a great commercial potential -

- a) Suitable agro-climatic condition.
- b) Widely acceptable to the community and serves as substantial livelihood.
- c) Traditionally pig rearing by community
- d) Flood affected areas like Lakhimpur, Dhemaji, Majuli can also be the potential area for pig production.
- e) Assam as well as the neighboring hill states are the major consumers of pig.
- f) Scope for export to neighboring countries like Bhutan, Myanmar and South Asian countries.

Despite being small-scale (generally one to five crossbred pigs), production contributes significantly to the livelihood of the majority of pig-rearing households. There are indications that pig production is gaining popularity as a source of income generation in communities also, that do not have a tradition for rearing pigs. With availability of breeding options now, though traditional management practices continue to dominate in pig production, scavenging systems have given way gradually to tethering or penning and most indigenous pigs have been replaced by crossbreeds. Crosses of the Large Black and Hampshire breed (and the Ghungroo in Kokrajhar) are preferred now over other pure exotic breeds.

The district wise distribution of pig in the state is revealed that some of the districts with high pig population comprises of more indigenous pigs than exotic pigs. As per 20th livestock census, the major pig populated districts are 1. Dhemaji-2.32 lakhs followed by Lakhimpur- 1.95 lakhs and Karbi Anglong with 1.88 lakhs pigs. Among the Districts Dibrugarh District have the highest exotic pigs with 77705 nos, which indicates the commercial rearing of pigs by entrepreneurs.

Pigs have wide adaptability to suit different agro-climatic conditions and thus, its rearing can play an important role in improving socio-economic status of weaker sections. Pig farming as a commercial

venture is yet to be adopted in the country. Those attracted by its potential face constraints like insufficient good quality stock, non-availability of balanced feed at economic prices and absence of organized markets. There are hardly any licensed pig slaughterhouses in the country and most of the slaughter in rural / urban areas is done in a clandestine manner.

2. Keeping this in view, it has been decided by Government of Assam for extensive "Pig Development" with a total proposed outlay of Rs.441.00 crore during the Five Year period (2021-22 to 2025-26). The scheme aims at encouraging commercial pig rearing by farmers to improve performance of exotic breeds as well as improving by cross breeding of existing stock by selective breeding to attain self sufficiency in pork production in the state. The scheme has following three components:

(i) Establishment of Multiplier Pig Breeding Farm :

- Under this component 1/3rd of the project cost will be provided as capital subsidy would be provided for rearing of maximum 100 Sows units with 500 grower unit along with other utilities. The subsidy will be maximum limit of Rs.100.00 lakhs. For which an indicative project of Rs.300.00 lakh has been provided.
- The Unit size may be of proportionately reduce to 25 sow unit with 125 grower unit. The subsidy will be maximum limit of Rs.25.00 lakhs. For which an indicative project of Rs.75.00 lakh has been provided.
- Village level Pig breeding unit : Under this component 50% of the outlay, capital subsidy would be provided for rearing of 2 breeding Sows subject to a ceiling of Rs.32000/- per unit for which an indicative unit cost of Rs.64000.00 would be provided. The maximum 3 multiple such units could be applied by one farmer. The total village level small scale breeder unit will be 100000 over a period of 5 years under this proposed project.

(ii) Small scale fattening unit:

Under this component 50% of the outlay, capital subsidy would be provided for rearing of 2 fatteners subject to a ceiling of Rs.16000/- per unit for which an indicative unit cost of Rs.32000.00 would be provided. The maximum 3 such units could be applied by one farmer. Total unit in the entire project period may be supported upto 200000.

(iii) Aggregation of Farmers:

The scheme will be approached on cluster mode of implementation. Initially the producers will be aggregated as FIG with 10-20 producer members and further federate into FPC with a sustainable business module with minimum 250 producer members.

OPERATIONAL GUIDELINES

1. Background

Pigs are reared by the poorest of the rural population and they provide meat, dung and few byproducts like bristles, etc. These animals have wide adaptability to suit different agro-climatic conditions. Piggery can play an important role in improving socio-economic status of this section, if existing constraints in their economic rearing are removed. Pig farming as a commercial venture is yet to be adopted in the country. Those attracted by its potential face constraints like insufficient high quality stock, non-availability of balanced feed at economic prices and absence of organized markets. There are hardly any licensed pig slaughterhouses and most of slaughter in rural / urban areas is done in clandestine manner. The meat reaches consumers without passing through any organized market and if these constraints are removed, pig farming has the potential to yield significant economic and social gains.

2. Objectives of the Scheme

A) To encourage commercial pig rearing by farmers/ un-employed to improve production performance of existing breed through cross breeding by using selected animals of high performing breeds.

B) Induction of exotic breeds and by providing incentives in terms of capital subsidy for ensuring the viability of the pig breeding, rearing and related activities for self sufficiency in pork production in the state.

3. Implementation Period and Area of Operation

The scheme will be implemented during the financial year 2021-22 to 2025-26 throughout the state. The high potential districts will be prioritized initially. However the proposals received from other than these districts can also be considered for providing assistance under the scheme.

4. Eligibility

Individual entrepreneurs, Producer companies, partnership firms, NGO's SHGs, JLGs and cooperatives of the permanent residents of the state.

5. Subsidy

The ceiling on capital subsidy for different activities are given below.

S. No.	Component	Unit size and indicative Unit Cost#	Pattern of Assistance
1	Multiplier Pig breeding Farm with grower unit	25 F+ 5M +125 grower unit	33.33 % of the TFO with maximum cap of Rs.25.00 Lakh on a TFO of Rs.75.00 lakhs
2	Multiplier pig breeding farm with Grower unit & feed plant	100F+20M+500 grower unit	33.33 % of the TFO with maximum cap of Rs.1.00 Cr. on a TFO of Rs.300.00 lakhs
3	Farmers level backyard breeding unit	2 sow unit	50% of the TFO with maximum limit is Rs.32000/- on a TFO of Rs.64000.00
4	Backyard fattening unit	2 pig unit	50% of the TFO with maximum limit is Rs.16000/- on a TFO of Rs.32000.00

F : Female (Sows), M : Male (Boars), TFO: Total Financial Outlay

These are indicative costs . The subsidy will be calculated based on the indicative or actual cost, whichever is less. Banks are, however, free to sanction higher/lower TFO also based on the local conditions.

6. Funding pattern

- Beneficiary contribution (margin) - 10 % of the outlay (minimum). The cost of land not included in the project cost will be the farmers responsibility.
- capital subsidy - as indicated at SI No: 5
- Effective Bank Loan - Balance portion

7. Linkage with credit

Assistance under the scheme would be purely credit linked and subject to sanction of the project by eligible financial institutions.

8. Eligible Financial Institutions

- Commercial Banks
- Regional Rural Banks
- State Cooperative Banks
- State Cooperative Agriculture and Rural Development Banks: and
- Such other institutions, which are eligible for refinance from NABARD.

9. **Promotional Assistance:** To support and encourage these activities by organizing SHGs/ JLGs/ Farmers Clubs/ Cooperatives, providing training to farmers, giving publicity and campaign, mapping of resources and reviving of the sector, promotional programmes are also proposed under the scheme.
10. **Implementing Agency:** Funds will be routed through Implementing Agency (IA), Assam Livestock & Poultry Corporation Ltd. after approval by State Level Sanctioning & Monitoring Committee (SLSMC) : Govt. will notify Assam Livestock & Poultry Corporation Ltd. as nodal Implementing agency for the scheme. The fund will be parked at the Implementing Agency A/C specifically use for the scheme.
11. **Sanction by banks**
The farmers/ entrepreneurs/ eligible organizations shall apply to the banks for sanction of the project. The bank shall appraise the project as per their norms and if found eligible, sanction the total outlay excluding the margin as the bank loan. The loan amount is then disbursed in suitable installments depending on the progress of the unit. After the disbursement of first installment of the loan the bank shall apply to the Implementing Agency for sanction and release of subsidy through DVO in the format given in Annexure-II.
12. **Recommendation by District AH & Veterinary Officer.:**
The application for the subsidy shall be routed through concerned Dist. AH & Veterinary officer after sanctioned by the bank or submission of BG to the PIU/ SIA. The time frame for submission of the applications by the DVO to PIU/ SIA within 7 days of the receipt of the application in prescribed format. If the recommendation is not received from the DVO within 7 days, the PSC will treat the applications deem approved and the recommend for disbursement of subsidy.
13. State Level Sanctioning & Monitoring Committee (SLSMC)
 - State Level Sanctioning & Monitoring Committee (SLSMC) will be Chaired by the Secretary, State Animal Husbandry Department with representatives from lead bank of the state, NGO in this field, an expert in the related field, Concerned AH & Veterinary departmental representatives. The SLSMC will be constituted by the State Government concerned. Only one SLSMC will look after all the schemes relating to Animal Husbandry Department. Director, AH & Veterinary Department will be convener of the SLSMC. Initially Department shall convene the meeting as and when the projects are received for sanction and later at quarterly intervals to review the progress of the scheme. Banks that have submitted projects for sanction may be invited as special invitees.

13.2. As the number of projects that would be submitted is expected to be more in due course, the SLSMC may delegate the sanctioning powers in respect of these units to the Project Sanctioning Committees (PSC) of AH & Veterinary Department. On monthly basis the PSC will put up the sanctioned projects to SLSMC for ratification.

14. Release of subsidy

14.1. After sanction of the subsidy by the SLSMC, the IA shall release the subsidy amount after confirming the availability of funds. The subsidy shall be released on first come first serve basis subject to availability of funds.

14.2. After crediting the subsidy in the subsidy reserve fund account of the borrower, a Utilization Certificate in the prescribed format (Annexure III) shall be submitted by the participating bank to Implementing Agency to the effect that the amount of subsidy received by them has been fully utilized and adjusted in the books of account within the overall guidelines of the scheme.

15. Repayment

15.1. Repayment period will depend on the nature of activity and will vary between 3 to 6 years. including grace period of one(1) year

15.2. The repayment schedules will be drawn on the total amount of the loan (including subsidy) in such a way that the subsidy amount is adjusted after liquidation of net bank loan (excluding subsidy).

16. Rate of Interest

Rate of interest on term loan shall be as per RBI guidelines and declared policy of the bank in this regard.

The bank may charge interest on the entire loan amount till the subsidy is received and from the date of receipt of subsidy by the implementing branch, interest has to be charged only on the effective bank loan portion i.e. outlay excluding the margin and subsidy.

17. Security

The security for availing the loan will be as per guidelines issued by RBI from time to time.

18. Time limit for Completion of the project.

18.1. Time limit for completion of the project would be as envisaged under the project, subject to maximum of 12 months period from the date of disbursement of the first instalment of loan which may be extended by a further period of 3 months, if reasons for delay are considered justified by the financial institution concerned.

18.2. For farmers level units the completion of the project will be 3 months only after release of the fund.

18.3. If the project is not completed within the stipulated period, benefit of subsidy shall not be available and advance subsidy placed with the participating bank, if any, will have to be refunded forthwith to the implementing agency.

19. Adjustment of subsidy

19.1. The capital subsidy will be front ended and will be adjusted against the capital loan.

19.2. The capital subsidy admissible under the scheme will be kept in the "Subsidy Reserve Fund Account (Borrower-wise) in the books of the financing bank. No interest will be paid on this amount by the bank. In view of this, for the purposes of charging interest on the loan component, the subsidy amount should be excluded. The balance lying to the credit of the " Subsidy Reserve Fund Account" will not form part of Demand and Time Liabilities for calculation of CRR and SLR.

20. Monitoring

20.1. Central Monitoring Committee (CMC) at State level Chaired by Senior most Secretary, Animal Husbandry and Veterinary, Govt. of Assam with members from three banks (on rotation basis), Director, AH & Veterinary, Managing Director, Assam Livestock & Poultry Corporation, Sectoral heads of the AH & Veterinary Department, representative from the ICAR-NRC on Pig will review the implementation of the scheme at half yearly intervals.

20.2. The SLSMC will review the progress on quarterly basis.

20.3. The participating banks should conduct periodic inspections of the units and give a feedback to the SLSMC at regular intervals.

21. Other Conditions

- The participating banks should adhere to the norms of appraising the projects regarding technical feasibility and commercial/financial viability.
- Financing bank should ensure that regulations /laws of Govt, Corporation/ Municipality/ Local Self Government are complied with wherever necessary.
- The participating banks should ensure insurance of the assets created under the project.
- A signboard displaying "Assisted by Department of Animal Husbandry & Veterinary, Govt. of Assam " will be exhibited at the unit.
- Pre and post completion inspection of the project shall be undertaken by the participating bank in association with local AH & Veterinary Authority to verify physical and financial progress as and when required.
- AH & Veterinary Department reserves the right to modify, add and delete any terms / conditions without assigning any reason and its interpretation of various terms will be final.
- AH & Veterinary Department reserves the right to recall any amount given under the scheme without assigning any reason thereof.
- Any other pre and post inspection would be undertaken by AH & Veterinary Department representative to find out the physical and financial progress as and when required.
- Other operational instructions issued by AH & Veterinary Department/ ALPCO from time to time will be strictly followed.

22. Farm Models: Indicative Farm Models for Pig rearing units are furnished in Annexure – IV V and VI.

ANNEXURE I

Identified high potential districts for Pig rearing activities

S.No.	District
1	Kamrup (M/R)
2	Morigaon
3	Golaghat
4	Jorhat / Majuli
5	Sivasagar/ Charaideo
6	Dibrugarh
7	Tinsukia
8	Dhemaji
9	Lakhimpur
10	Sonitpur
11	Karbi Anglong/ West Karbi Anglong
12	Udalguri
13	Baska
14	Chirang
15	Kokrajhar
16	Biswanath
17	Goalpara
18	Darrang
19	Dima Hasao

* Proposals received from other than these districts/ States can also be considered for providing subsidy assistance under the scheme.

ANNEXURE II

**CLAIM FORM FROM THE CONTROLLING OFFICE OF THE BANK FOR
RELEASE OF CAPITAL SUBSIDY IN RESPECT OF SCHEME FOR
PIGGERY DEVELOPMENT**

(To be submitted to the Implementing Agency)

NAME OF THE BANK :

DATE:

TOTAL AMOUNT OF CURRENT CLAIM :

DETAILS OF CURRENT CLAIM :

[Rs]

Particulars	
Name and address of the Entrepreneur (PI indicate district also)	
Location of the Project (indicate the district and whether it is a hilly area)	
Whether SC/ST/Women	
Bank/Branch address (indicate district also) with BSR code	
Loan A/c No.	
Date of sanction	
Purpose of Loan	
Unit size	
Total Financial Outlay	
Margin	
Bank Loan	
Repayment prescribed	
Rate of Interest	
Date of release of 1st installment of loan	
Capital Subsidy claimed	
Any other information relevant to the project	

1. We undertake having complied with all the instructions contained in Govt. circular No. _____ dated _____ regarding operational guidelines of the scheme while sanctioning above proposals.
2. We request you to release an amount of Rs. _____ (Rupees _____) as Capital Subsidy in respect of the above entrepreneurs.

Place :

Date :

Seal and signature of the
Branch Manager(financing bank)

Authorized _____ signatory
Controlling Office of the
bank

(For the use of Implementing Agency)

The above claim is scrutinized, (Fund parking Bank) is requested to confirm the release of Advance subsidy amount of Rs. (Rupees only) to be released to _____ (Name of the Bank).

(Signature)

FAO, ALPCO

Managing Director, ALPCO

SCHEME FOR PIGGERY DEVELOPMENT

Release of subsidy - confirmation

The claim No. is admitted. Since sufficient funds are available with Implementing Agency, under the scheme, the above proposal of releasing advance subsidy amount of Rs. (Rupees only) is confirmed for release.

Managing Director
Assam Livestock & Poultry Corporation Ltd
Khanapara, Guwahati-22 :

Format for Utilization Certificate - Capital Subsidy

(FOR THE USE OF FINANCING BANK TO BE SUBMITTED TO THE
IMPLEMENTING AGENCY)

SCHEME FOR PIGGERY DEVELOPMENT

- 1 Name, address of the beneficiary and location of the project
- 2 Name of the financing bank :
- 3 Name & address of the financing branch:
- 4 Date of sanction of loan by bank :
- 5 Date of field monitoring of the unit by the bank
- 6 Date of completion of the unit
- 7

(i) Total financial outlay	Rs.		
(ii) Margin Money	Rs.		
(iii) Bank loan	Rs.		
(iv) Subsidy received from Implementing Agency Reserve	Date of receipt	Amount	Date of credit to the (Rs.) "Subsidy Fund A/C" of the
8	Brief description of facilities created.		

- 9 Rate of interest charged by the financial bank : % p.a.

- 10 This is to certify that the full amount of capital subsidy received in respect of the above project has been fully utilized and adjusted in the books of account of the borrower under the sanctioned terms and conditions of the project within the overall guidelines of the scheme.

Place :

Date :

(_____) Seal & Signature of the
Branch Manager (Financing bank)

INDICATIVE UNIT COST & ECONOMICS:

Economics of pig farming - Investment cost (2 Breeding Sow Unit)

Sr.No.	Particulars	Specifications	Physical Units	Unit cost (Rs./ unit)	Total cost (Rs.)
1	Sheds and other structures				
	a) Farrowing pens (1) for lactating sow	70sft per sow	60	200	12,000.00
	c) Dry sow pens(2)	20 sft per sow	60	200	12,000.00
2	Cost of breeding stock				
	a) Cost of sows		2	6000	12,000.00
3	Capitalisation of recurring expenses for first one year				
	a) Breeder feed cost	3.5 kg per sow	2555		
		30% Conc. feed	766.5	24	18,396.00
		70% local feed staff	1788.5	3	5,365.50
	b) Weaner feed cost	0.2 kg per piglet/day	48	24	1,152.00
	d) Insurance cost	6% of breeding stock cost			720.00
	e) labour wages				
	f) Cost of medicines etc. for breeder stock for weaners		2	500	1,000.00
			20	10	200.00
	g) Misc expenses	L/S			1164.50
6	Total financial out lay (TFO)				63,833.50
	Say				64,000.00
7	Margin money @ 10% of TFO			say	6,400.00
8	Bank loan @ 40% of TFO			say	25,633.50
9	Capital Subsidy 50%			say	32,000.00

ECONOMICS OF PIG FARMING - TECHN0-ECONOMIC PARAMETERS

1	No. of sows (6-7 months old)	2
2	No. of boars	
3	No. of batches	2
4	Interval between two batches (months)	3
5	No. of farrowings per year	2
6	No. of piglets per sow per farrowing	11
7	Mortality among piglets (weaners)	10%
8	Mortality among fatteners	10%
9	Mortality among adults is not considered as insurance cover is available	
10	Weaning period (months)	2
11	Space requirement (s.ft.)	
	Boar	70
	Lactating sow with it's piglets	64
	Dry sow	20
	Fattener of 3-5 months age	10
	Fattener of 6-8 months age	15

12	Store room (s.ft.)	50
13	Supplementary feed requirement (kg./day)	
	Boar	3
	Sow	3.5
	Weaner	0.2
	Fattener (3-5 months age)	1.5
	Fattener (6-8 months age)	2
14	Concentrate feed % to total feed	30
15	Kitchen garbage % to total feed	70
16	Cost of construction of sheds (Rs./s.ft.)	200
17	Cost of construction of store room (Rs./s.ft.)	200
18	Cost of boar (Rs.)	5000
19	Cost of sow (Rs.)	4500
20	Cost of weaner feed (Rs./kg)	24
21	Cost of concentrate feed (Rs./kg)	24
22	Cost of kitchen garbage (Rs./kg)	1
23	Insurance (%)	6
24	Cost of medicines and vaccines	
	Weaner/fattener (Rs./month)	3
	Adults (Rs./month)	5
25	Cost of power, water, other misc. expenses	
	Weaner/fattener (Rs./month)	5
	Adults (Rs./month)	8.5
26	No. of labourers required	1
27	Labourer wages (Rs. per month)	
28	No of piglets sold per sow per farrowing (2 months old)	8
29	No. of fatteners sold per sow per farrowing (8 months old)	
30	Sale price of piglet (Rs./piglet)	4500
31	Avg. wt. of fattener (kg.)	80
32	Sale price of fattener (Rs./fattener)	150/kg
33	Income from manure	
	Weaner/fattener (Rs./month)	2
	Adults (Rs./month)	5
34	No. of gunny bags per ton of feed	13.3
35	Income from gunny bags (Rs./bag)	6
36	Depreciation on sheds (%)	5
37	Depreciation on equipments etc.(%)	10
38	Margin money (%)	10
39	Interest rate (%)	12
40	Repayment period (years)	5
41	Grace period (years)	1

ECONOMICS OF PIG FARMING - HERD PROJECTION CHART

Year	Month	Breeding stock		No. of piglets born	No. of Suckling piglets \$	No. of weaners
						sold
						2months
		Ist batch	II batch			
I	1	G	--		--	--
	2	G	--		--	--
	3	G	--		--	--
	4	P	G		--	--
	5	P	G		--	--
	6	P	G		--	--
	7	P	P		--	--
	8	L	P	11	10	--
	9	L	P	11	10	
	10	P	P		--	10
	11	P	L	11	10	--
	12	P	L	11	10	--
II	13	P	P		--	10
	14	L	P	11	10	--
	15	L	P	11	10	
	16	P	P			10
	17	P	L	11	10	--
	18	P	L	11	10	
	19	P	P		--	10
	20	L	P	22	20	--
	21	L	P	22	10	--
	22	P	P		--	10
	23	P	L	11	10	--
	24	P	L	11	10	
III	so on..					10

G- Growing period; P - Pregnancy period; L - Lactating period

\$ No. of piglets and fatteners of different age groups for working out economies were taken after considering the mortality as it occurs usually at an early age in pigs.

Closing stock and it's value

1. Breeding stock (10+1):150% of original value
2. One batch of 2 months old piglets : Sale value of piglets
3. One batch of 5 months old : 60% of sale price of fattener

Sr. No.	Particulars	Years					
		I	II	III	IV	V	VI
I	Costs						

1	Capital cost *	64,033.50					
2	Recurring cost (1st year Capitalized)						
b)	Feed cost		24,913.50	24,913.50	24,913.50	24,913.50	24,913.50
	Breeder replacement		0.00	0.00	33,116.00	0	0.00
c)	Medicines/Vet. charges		1,400.00	1,400	1,400	1,400	1,400
d)	Insurance		720.00	720.00	720.00	720.00	720.00
e)	Misc.(water/electricity charges)		1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
f)	Breeding expenses		4,000.00	4,000.00	4,000.00	4,000.00	4,000.00
	Total recurring expenses		32,033.50	32,033.50	65,149.50	32,033.50	32,033.50
	Total costs	64,033.50	32,033.50	32,033.50	65,149.50	32,033.50	32,033.50
II	Benefits						
a)	Sale of animals						
	Sale of weaners	45000.00	180000.00	180000.00	180000.00	180000.00	180000.00
	Replacement of breeder Stock	0	0	0	32,000.00	0	0
b)	Sale of gunny bags	2500	2500	2500	2500	2500	2500
	Total income	47500.00	182500.00	182500.00	214500.00	182500.00	182500.00
c)	Value of Closing Stock	0.00	0.00	0.00	0.00	0.00	120000.00
d)	Scrap value of shed and equip.	0.00	0.00	0.00	0.00	0.00	120000.00
	Gross surplus	-16533.50	150466.50	150466.50	149350.50	150466.50	390466.50
	Depreciation		1009.74	1009.74	1009.74	1009.74	1009.74
	Repayment		6972.31	6972.31	6972.31	6972.31	6972.31
	NET BNEFITS	-16533.50	138484.45	138484.45	137368.45	138484.45	378484.45
	D.F. 15%	0.87	0.76	0.66	0.57	0.36	0.28
	NPV cost at 15%	55709.15	24345.46	21142.11	37135.22	11532.06	8969.38
	NPV benefits at 15%	41325.00	138700.00	120450.00	122265.00	65700.00	51100.00
V	NPW at 15%		0.00				
V	BCR at 15% DF		1.88:1				
VII	IRR		838%				

REPAYMENT SCHEDULE

Years	Principal	Repayment	Interest 8.5 %	Total
I Year	25,633.50	0.00	3076.02	3076.02
II Year	25,633.50	8544.50	3076.02	11620.52
III Year	17,089.00	8544.50	2050.68	10595.18
IV Year	8,544.50	8544.50	1025.34	9569.84
Total in 6 years				34861.56

Equated annual installment	6972.31
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DEPRICIATION SCHEDULE

Years	Building	Depreciation	Equipments	Depreciation	Total
I Year	24,000.00	1200.00	0.00	0.00	1200.00
II Year	22,800.00	1140.00	0.00	0.00	1140.00
III Year	21,660.00	1083.00	0.00	0.00	1083.00
IV Year	20,577.00	1028.85	0.00	0.00	1028.85
V Year	19,548.15	977.41	0.00	0.00	977.41
VI Year	18,570.74	928.54	0.00	0.00	928.54
VII Year	17,642.21	882.11	0.00	0.00	882.11
VIII Year	16,760.10	838.00	0.00	0.00	838.00
		8077.91		0.00	8077.91
				Total in 8 years	8077.91
				Equated annual Depreciation	1009.74

ANNEXURE-V

Economics of pig farming - Investment cost (25 Sows + 5 Boar+125 Grower)

Sr.No.	Particulars	Specifications	Physical Units	Unit cost (Rs./ unit)	Total cost (Rs.)
1	Sheds and other structures				
	a) Farrowing pens (10) for lactating sow	100 sft per sow	1000	450	450,000.00
	b) Boar cum service pen (5)	70 sft. per boar	350	450	157,500.00
	c) Dry sow pens(15)	20 sft per sow	300	450	135,000.00
	(d) weaners cum grower pen pen for 125 grower	10 sq. ft	1000	450	450,000.00
	f) Store room		200	500	100,000.00
	g) Biosecurity structures like changing room, boundary fencing, sale point, manure disposal pit, dead disposal pit	L/S			1,200,000.00

2	Water supply system (Bore well, electric motor pumpset - 1HP, water tank)	Lumpsum			250,000.00
3	Cost of equipment	Lumpsum			150,000.00
4	Cost of breeding stock				
	a) Cost of sows		25	6500	162,500.00
	b) Cost of boar		5	7500	37,500.00
5	Capitalisation of recurring expenses for first one year				
	a) Breeder feed cost FOR 1 YEAR	3 kg per boar	5475		
		3.5 kg per sow	31937.5		
		Total feed	37412.5	24	897,900.00
	b) Weaner feed cost	Average. 0.4 kg per piglet/day for 3 months	6000	26	156,000.00
	d) Insurance cost	6% of breeding stock cost			12,000.00
	e) labour wages 7500 per month for two labours	12	2	7500	180,000.00
	f) Cost of medicines etc. for breeder stock for weaners		20	100	2,000.00
			170	20	3,400.00
	g) Misc expenses	1000/ month	1000	12	12,000.00
					4,355,800.00
6	Total financial out lay (TFO)				4,355,800.00
7	Margin money @ 10% of TFO			say	435,580.00
8	Bank loan @ 40% of TFO			say	1,742,320.00
9	Subsidy 50%				2,177,900.00

ECONOMICS OF PIG FARMING - TECHN0 ECONOMIC PARAMETERS

1	No. of sows (6-7 months old)	25
2	No. of boars	3
3	No. of batches	2
4	Interval between two batches (months)	3
5	No. of farrowings per year	2
6	No. of piglets per sow per farrowing	11
7	Mortality among piglets (weaners)	10%
8	Mortality among fatteners	5%
9	Mortality among adults is not considered as insurance cover is available	
10	Weaning period (months)	2
11	Space requirement (s.ft.)	
	Boar	70
	Lactating sow with it's piglets	100
	Dry sow	20
	Fattener of 3-5 months age	10

	Fattener of 6-8 months age	15
12	Store room (s.ft.)	200
13	Supplementary feed requirement (kg./day)	
	Boar	3
	Sow	3.5
	Weaner	0.2
	Fattener (3-5 months age)	0.9
	Fattener (6-8 months age)	2
14	Concentrate feed % to total feed	30
15	Kitchen garbage % to total feed	70
16	Cost of construction of sheds (Rs./s.ft.)	450
17	Cost of construction of store room (Rs./s.ft.)	500
18	Cost of boar (Rs.)	6500
19	Cost of sow (Rs.)	5500
20	Cost of weaner feed (Rs./kg)	28
21	Cost of concentrate feed (Rs./kg)	24
22	Cost of kitchen garbage (Rs./kg)	1
23	Insurance (%)	6
24	Cost of medicines and vaccines	
	Weaner/fattener (Rs./month)	3
	Adults (Rs./month)	5
25	Cost of power, water, other misc. expenses	
	Weaner/fattener (Rs./month)	5
	Adults (Rs./month)	8.5
26	No. of labourers required	2
27	Labourer wages (Rs. per month)	7500
28	No of piglets sold per sow per farrowing (2 months old)	8
29	No. of fatteners sold per sow per farrowing (8 months old)	
30	Sale price of breeder pigs (Rs./piglet) 35kg	6500
31	Avg. wt. of fattener (kg.)	80
32	Sale price of fattener (Rs./fattener)	150/kg
33	Income from manure	
	Weaner/fattener (Rs./month)	2
	Adults (Rs./month)	5
34	No. of gunny bags per ton of feed	13.3
35	Income from gunny bags (Rs./bag)	6
36	Depreciation on sheds (%)	5
37	Depreciation on equipments etc.(%)	10
38	Margin money (%)	10
39	Interest rate (%)	12
40	Repayment period (years)	5
41	Grace period (years)	1

Annexure - V d

ECONOMICS OF PIG FARMING - HERD PROJECTION CHART

Year	Month	Breeding stock		No. of piglets born	No. of Suckling piglets \$	No. of weaners
						sold
						2months
		Ist batch	II batch			
I	1	G	--		--	--
	2	G	--		--	--
	3	G	--		--	--
	4	P	G		--	--
	5	P	G		--	--
	6	P	G		--	--
	7	P	P		--	--
	8	L	P	132	120	--
	9	L	P	132	120	120
	10	P	P		--	
	11	P	L	122	110	
	12	P	L	122	110	110
II	13	P	P		--	
	14	L	P	132	120	--
	15	L	P	132	120	120
	16	P	P		--	
	17	P	L	122	110	
	18	P	L	122	110	110
	19	P	P		--	
	20	L	P	132	120	--
	21	L	P	132	120	120
	22	P	P		--	
	23	P	L	122	110	
	24	P	L	122	110	110
III	so on..					

G- Growing period; P - Pregnancy period; L - Lactating period

\$ No. of piglets and fatteners of different age groups for working out economies were taken after considering the mortality as it occurs usually at an early age in pigs.

Closing stock and it's value

1. Breeding stock (10+1):150% of original value
2. One batch of 2 months old piglets : Sale value of piglets
3. One batch of 5 months old : 60% of sale price of fattener

ECONOMICS OF PIG FARMING - CASHFLOW ANALYSIS

Sr. No	Particulars	Years					
		I	II	III	IV	V	VI
I	Costs						

1	Capital cost *	4,355,800.00					
2	Recurring cost (1st year Capitalized)						
b)	Feed cost		1,053,900.00	1,053,900.00	1,053,900.00	1,053,900.00	1,053,900.00
	Breeder replacement		0.00	0.00	350,000.00	0	0.00
c)	Medicines/Vet. charges		5,400.00	5,400	5,400	5,400	5,400
d)	Insurance		12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
e)	Misc.(water/electricity charges)		12,000.00	12,000.00	12,000.00	12,000.00	12,000.00
f)	Labour wages		180,000.00	180,000.00	180,000.00	180,000.00	180,000.00
	Total recurring expenses		1,263,300.00	1,263,300.00	1,613,300.00	1,263,300.00	1,263,300.00
	Total costs	4,355,800.00	1,263,300.00	1,263,300.00	1,613,300.00	1,263,300.00	1,263,300.00
II	Benefits						
a)	Sale of animals						
	Sale of Growers	600000.00	2990000.00	2990000.00	2990000.00	2990000.00	2990000.00
	Replacement of breeder Stock	0	0	0	250,000.00	0	0
b)	Sale of gunny bags	2500	2500	2500	2500	2500	2500
	Total income	602500.00	2992500.00	2992500.00	3242500.00	2992500.00	2992500.00
c)	Value of Closing Stock	600000.00	600000.00	600000.00	600000.00	600000.00	600000.00
d)	Scrap value of shed and equip.	0.00	0.00	0.00	0.00	0.00	120000.00
	Gross surplus	-3153300.00	2329200.00	2329200.00	2229200.00	2329200.00	2449200.00
	Depreciation		126062.42	126062.42	126062.42	126062.42	126062.42
	Repayment		466941.76	466941.76	466941.76	466941.76	466941.76
	NET BNEFITS	-3153300.00	1556195.82	1556195.82	1456195.82	1556195.82	1676195.82
	D.F. 15%	0.87	0.76	0.66	0.57	0.36	0.28
	NPV cost at 15%	3789546.00	960108.00	833778.00	919581.00	454788.00	353724.00
	NPV benefits at 15%	524175.00	2274300.00	1975050.00	1848225.00	1077300.00	837900.00
V	NPW at 15%		0.00				
V	BCR at 15% DF		1.16:1				
VII	IRR		40%				

REPAYMENT SCHEDULE

Years	Principal	Subsidy	Repayment	Interest 8.5%	Total
I Year	1,742,320.00		0.00	148097.20	148097.20
II Year	1,742,320.00		348464.00	148097.20	496561.20
III Year	1,393,856.00		348464.00	118477.76	466941.76
IV Year	1,045,392.00		348464.00	88858.32	437322.32
V Year	696,928.00		348464.00	59238.88	407702.88
VI Year	348,464.00		348464.00	29619.44	378083.44

Total in 6 years	2334708.80
Equated annual installment	466941.76

DEPRICIATION SCHEDULE

Years	Building	Depreciation	Equipments	Depreciation	Total
I Year	2,742,500.00	137125.00	150,000.00	15000.00	152125.00
II Year	2,605,375.00	130268.75	135,000.00	13500.00	143768.75
III Year	2,475,106.25	123755.31	121,500.00	12150.00	135905.31
IV Year	2,351,350.94	117567.55	109,350.00	10935.00	128502.55
V Year	2,233,783.39	111689.17	98,415.00	9841.50	121530.67
VI Year	2,122,094.22	106104.71	88,573.50	8857.35	114962.06
VII Year	2,015,989.51	100799.48	79,716.15	7971.62	108771.09
VIII Year	1,915,190.03	95759.50	71,744.54	7174.45	102933.96
		923069.47		85429.92	1008499.39
				Total in 8 years	1008499.39
				Equated annual Depreciation	126062.42

ANNEXURE-VI

Financial requirements pig Breeding Unit - Investment cost (100Sows + 10 Boar) + 500 gilt rearing unit

Sr. No.	Particulars	Specifications	Unit cost (Rs./ unit)	Physical Units	Total cost (Rs.)
1	Sheds and other structures – Civil Work				
a.	Civil work for Shed 40X 180 Sq. ft. X 2 shed	40X 180 ft X3	450	21600	9720000.00
b	Fabrication works for side wall and slated floors	40X 180 ft X3	200	21600	4320000.00
	Sub-Total				14040000.00
2	Fittings and fixtures				
A	Breeder unit				
c	Furrowing crate	set	16000	20	320000.00
d	Gestational Stall	Set	10000	40	400000.00
e	Group Housing	Unit	20000	10	200000.00
f	Boar pen	unit	20000	25	500000.00
g	Single feeder	nos	5000	70	350000.00
h	Long feeder	Nos	10000	10	100000.00
l	Water nipple	Nos	100	112	11200.00
B	Grower Unit				
a	Weaner pen	unit	25000	16	400000.00
b	Grower pen	unit	25000	16	400000.00
d	Long piglet feeder	Nos	7000	16	112000.00
e	water nipple	nos	100	350	35000.00
	Total				947000.00
3	Fixing materials & accessories	5%			843410.00
	Sub Total				17711610.00
4	Labour Barrack with office, store	Sq.ft	1000	750	750000.00
5	Water supply system (Bore well, electric motor pump set , water tank, distribution pipelines etc	Set			550,000.00
6	Cost of furniture, computers and equipment	Lumpsum			75,000.00
	Total Cost				19,086,610.00
7	Installation of feed mill				

a	2-3 MT capacity mesh feed plant with intake hopper, bucket elevator, Batch bin over Grinder, Full screen Hammer Mill, Bucket elevator to Mixture, Batch bin over mixture, Horizontal mixture	Set	1	1576000	1,576,000.00
b	Civil work for feed plant	sq ft.	1000	1200	1,200,000.00
c	Civil work for godown	Sq. ft	1000	650	650,000.00
8	External electrification with 63 KVA transformer	set	1	350000	350,000.00
9	Internal roads	L/S	1	240000	240,000.00
10	Waste disposal mechanism with bio gas plant	L/S	1	500000	500,000.00
11	Bio Security Fencing and other utilities for Changing room, outlet, Foot bath, wheel dip etc				600,000.00
	Sub total				5,116,000.00
12	Cost of breeding stock				
	a) Cost of Gilt		100	10000	1,000,000.00
	b) Cost of boar		25	13000	325,000.00
13	Capitalization of recurring expenses for first one year				
a	Breeder feed cost	3 kg per boar	22812.5	24	547,500.00
		3.5 kg per sow	127750	24	3,066,000.00
b	Weaner feed cost	0.2 kg per piglet/day	3000	25	75,000.00
	Grower feed cost for 500 fatteners	100 kg / animals	50000	22	1,100,000.00
d	Insurance cost	6% of breeding stock cost			79,500.00
e	labour wages	6 labours/ month	8500	72	612,000.00
f	Cost of Vety aids etc. for breeder stock & weaners		125	500	62,500.00
			500	150	75,000.00
g	Water/ Electricity etc	15000/ month	15000	12	180,000.00
	Total Recurring Cost				5,797,500.00
14	Total financial out lay (TFO)				30,000,110.00
		Say			30,000,000.00
	Promoters Contribution	15%			4,500,000.00
	Subsidy	33.33% of TFO			10,000,000.00
	Term Loan				15,500,110.00

TECHNO ECONOMIC PARAMETERS

1	No. of sows (6-7 months old)	100
2	No. of boars	25
3	No. of batches	2
4	Interval between two batches (months)	3
5	No. of farrowings per year	2
6	No. of piglets per sow per farrowing	11
7	Mortality among piglets (weaners)	10%
8	Mortality among fatteners	5%
9	Mortality among adults is not considered as insurance cover is available	
10	Weaning period (months)	2
11	Space requirement (s.ft.)	
	Boar	70
	Lactating sow with it's piglets	100
	Dry sow	20
	Fattener of 3-5 months age	10
	Fattener of 6-8 months age	15
12	Store room (s.ft.)	50
13	Supplementary feed requirement (kg./day)	
	Boar	3
	Sow	3.5
	Weaner	0.2
	Fattener (3-5 months age)	1.5
	Fattener (6-8 months age)	2
14	Concentrate feed % to total feed	30
15	Kitchen garbage % to total feed	70
16	Cost of construction of sheds (Rs./s.ft.)	450
17	Cost of construction of store room (Rs./s.ft.)	600
18	Cost of boar (Rs.)	12000
19	Cost of sow (Rs.)	10000
20	Cost of weaner feed (Rs./kg)	24
21	Cost of concentrate feed (Rs./kg)	24
23	Insurance (%)	6
24	Cost of medicines and vaccines	
	Weaner/fattener (Rs./month)	3
	Adults (Rs./month)	5
25	Cost of power, water, other misc. expenses	
	Weaner/fattener (Rs./month)	5
	Adults (Rs./month)	8.5
26	No. of labourers required	2
27	Labourer wages (Rs. per month)	8500

28	No of piglets sold per sow per farrowing (2 months old)	10
29	No. of grower sold per sow per farrowing (8 months old)	
30	Sale price of piglet (Rs./piglet)	4500
31	Avg. wt. of fattener (kg.)	80
32	Sale price of breeder grower Rs.	6500
33	Income from manure	
	Weaner/fattener (Rs./month)	2
	Adults (Rs./month)	5
34	No. of gunny bags per ton of feed	13.3
35	Income from gunny bags (Rs./bag)	6
36	Depreciation on sheds (%)	5
37	Depreciation on equipments etc.(%)	10
38	Margin money (%)	10
39	Interest rate (%)	8.5
40	Repayment period (years)	5
41	Grace period (years)	1

ECONOMICS OF PIG FARMING - HERD PROJECTION CHART

Year	Month	Breeding stock		No. of piglets born	No. of Suckling piglets \$	No. of weaners
		Ist batch	II batch			sold
						2months
I	1	G	--		--	--
	2	G	--		--	--
	3	G	--		--	--
	4	P	G		--	--
	5	P	G		--	--
	6	P	G		--	--
	7	P	P		--	--
	8	L	P	550	500	--
	9	L	P	550	500	500
	10	P	P		--	
	11	P	L	550	500	
	12	P	L	550	500	500
II	13	P	P		--	
	14	L	P	550	500	
	15	L	P	550	500	500
	16	P	P		--	
	17	P	L	550	500	
	18	P	L	550	500	500
	19	P	P		--	

	20	L	P	550	500	
	21	L	P	550	500	500
	22	P	P		--	
	23	P	L	550	500	
	24	P	L	550	500	--
III	so on..					500

G- Growing period; P - Pregnancy period; L - Lactating period

\$ No. of piglets and fatteners of different age groups for working out economies were taken after considering the mortality as it occurs usually at an early age in pigs.

Closing stock and it's value

1. Breeding stock (10+1):150% of original value
2. One batch of 2 months old piglets : Sale value of piglets
3. One batch of 5 months old : 60% of sale price of fattener

Sr. No.	Particulars	Years					
		I	II	III	IV	V	VI
I	Costs						
1	Capital cost *	30,000,110.00					
2	Recurring cost (1st year Capitalized)						
b)	Feed cost for breeders		3,688,500.00	3,688,500.00	3,688,500.00	3,688,500.00	3,688,500.00
	Feed cost of fatteners		3,300,000.00	3,300,000.00	3,300,000.00	3,300,000.00	3,300,000.00
	Breeder replacement			1,325,000.00			1,325,000.00
c)	Medicines/Vet. charges		262,500.00	262,500	262,500	262,500	262,500
d)	Insurance		184,500.00	184,500.00	184,500.00	184,500.00	184,500.00
e)	Misc.(water/electricity charges)		240,000.00	240,000.00	240,000.00	240,000.00	240,000.00
f)	Labour wages		306,000.00	306,000.00	306,000.00	306,000.00	306,000.00
	Total recurring expenses	0	7,981,500.00	9,306,500.00	7,981,500.00	7,981,500.00	9,306,500.00
	Total costs	1,100,000.00	7,981,500.00	9,306,500.00	7,981,500.00	7,981,500.00	9,306,500.00
II	Benefits						
a)	Sale of animals						
	Sale of weaners	3250000.00	13000000.00	13000000.00	13000000.00	13000000.00	13000000.00
	Sale of fatteners		7250000.00	7250000.00	7250000.00	7250000.00	7250000.00
	Replacement of breeder Stock				560,000.00		
b)	Sale of gunny bags	20356.25	30356.25	30356.25	30356.25	30356.25	30356.25
	Total income	3270356.25	20280356.25	20280356.25	20840356.25	20280356.25	20280356.25

c)	Value of Closing Stock	1120000.00	1120000.00	1120000.00	1120000.00	1120000.00	1120000.00
d)	Scrap value of shed and equip.	0.00	0.00	0.00	0.00	0.00	0.00
	Gross surplus	3290356.25	13418856.25	12093856.25	13978856.25	13418856.25	12093856.25
	Depreciation		1169161.00	1089219.90	1015424.16	947251.68	884227.95
	Repayment		4154029.48	4154029.48	4154029.48	4154029.48	4154029.48
	NET BNEFITS	3290356.25	7789665.77	6544606.87	8503402.61	8011575.09	6749598.82
	D.F. 15%	0.87	0.76	0.66	0.57	0.36	0.28
	NPV cost at 15%	957000.00	6065940.00	6142290.00	4549455.00	2873340.00	2605820.00
	NPV benefits at 15%	2845209.94	15413070.75	13385035.13	11879003.06	7300928.25	5678499.75
V	NPW at 15%		0.00				
V	BCR at 15% DF		2.43:1				
VII	IRR		>50%				

REPAYMENT SCHEDULE

Years	Principal	Subsidy	Repayment	Interest 8.50%	Total
I Year	15,500,110.00	5,560,000.00	0.00	1317509.35	1317509.35
II Year	15,500,110.00		3100022.00	1317509.35	4417531.35
III Year	12,400,088.00		3100022.00	1054007.48	4154029.48
IV Year	9,300,066.00		3100022.00	790505.61	3890527.61
V Year	6,200,044.00		3100022.00	527003.74	3627025.74
VI Year	3,100,022.00		3100022.00	263501.87	3363523.87
Total in 6 years					20770147.40
Equated annual installment					4154029.48

DEPRECIATION SCHEDULE

Years	Building	Depreciation	Equipments	Depreciation	Total
I Year	14,790,000.00	739500.00	4,296,610.00	429661.00	1169161.00
II Year	14,050,500.00	702525.00	3,866,949.00	386694.90	1089219.90
III Year	13,347,975.00	667398.75	3,480,254.10	348025.41	1015424.16
IV Year	12,680,576.25	634028.81	3,132,228.69	313222.87	947251.68
V Year	12,046,547.44	602327.37	2,819,005.82	281900.58	884227.95
VI Year	11,444,220.07	572211.00	2,537,105.24	253710.52	825921.53
VII Year	10,872,009.06	543600.45	2,283,394.72	228339.47	771939.92
VIII Year	10,328,408.61	516420.43	2,055,055.24	205505.52	721925.95
4978011.82				2447060.28	7425072.10
Total in 8 years					7425072.10
Equated annual Depreciation					928134.01

ANNEXURE-VII

Economics of pig farming - Investment cost 2 pig fattening unit

Sr.No.	Particulars	Specifications	Physical Units	Unit cost (Rs./ unit)	Total cost (Rs.)
1	Sheds and other structures				
	a) Pig sty for two pig	20sft per pig	40	250	10,000.00
	b) Bio security fencing	l/s			3,000.00
	c) Water facility	l/s			2,000.00
2	Cost of piglet	nos	2	4000	8,000.00
3	Capitalisation of recurring expenses for first one year				
	Feed cost	300 kg per pig	600		
		50% Conc. feed	300	24	7,200.00
		50% household	500	3	1,500.00
	Cost of medicines etc.		2	200	400.00
	Total				32,100.00
4	Total financial out lay (TFO)				32,000.00
7	Margin money @ 10% of TFO	Say		say	3,200.00
8	Bank loan @40% of TFO			say	12,800.00
9	Capital Subsidy 50%			say	16,000.00

Economics: Cash flow analysis

Sr. No.	Particulars	Years					
		I	II	III	IV	V	VI
I	Costs						
1	Capital cost *	32,000.00					
2	Recurring cost (1st year Capitalized)						
b)	Feed cost		8,700.00	8,700.00	8,700.00	8,700.00	8,700.00
	Replacement of pig	9,000.00	18,000.00	18,000.00	18,000.00	18,000.00	18,000.00
c)	Medicines/Vet. charges	400	800.00	800	800	800	800
	Total recurring expenses		27,500.00	27,500.00	27,500.00	27,500.00	27,500.00
	Total costs	41,400.00	55,000.00	55,000.00	55,000.00	55,000.00	55,000.00

II	Benefits						
a)	Sale of animals						
	Sale of Fatteners	80000.00	80000.00	80000.00	80000.00	80000.00	80000.00
	Gross surplus	38600.00	25000.00	25000.00	25000.00	25000.00	25000.00
	Depreciation						
	Repayment		3880.00	3880.00	3880.00	3880.00	3880.00
	NET BNEFITS	38600.00	21120.00	21120.00	21120.00	21120.00	21120.00
	D.F. 15%	0.87	0.76	0.66	0.57	0.36	0.28
	NPV cost at 15%	36018.00	41800.00	36300.00	31350.00	19800.00	15400.00
	NPV benefits at 15%	69600.00	60800.00	52800.00	45600.00	28800.00	22400.00
V	NPW at 15%		0.00				
V	BCR at 15% DF		1.54:1				
VII		IRR	>50%				

REPAYMENT SCHEDULE

Years	Principal	Subsidy	Repayment	Interest 8.5%%	Total
I Year	12,800.00	0.00	3200.00	1088.00	4288.00
II Year	9,600.00		3200.00	816.00	4016.00
III Year	6,400.00		3200.00	544.00	3744.00
IV Year	3,200.00		3200.00	272.00	3472.00
Total in 6 years					15520.00
Equated annual installment					3880.00

**OPERATIONAL GUIDELINES
FOR
POULTRY SECTOR INTERVENTION
FOR
SELF SUFFICIENCY IN EGG PRODUCTION IN ASSAM
(CHIEF MINISTERS FLAGSHIP PROGRAMME)**



**NIMAL HUSBANDRY & VETERINARY DEPARTMENT
GOVT. OF ASSAM**

**OPERATIONAL GUIDELINES
FOR
POULTRY SECTOR INTERVENTION FOR SELF SUFFICIENCY IN EGG
PRODUCTION IN ASSAM**



1. Background

1.1. Animal Husbandry and Veterinary Department during the year 2021-22 proposed a scheme titled “Poultry Sector Intervention for self sufficiency in egg production in Assam”. Regarding poultry, the main objective of the scheme is to boost the unorganized poultry sector in States where development is in primitive state and also to give incentive and create infrastructure facilities for poultry production by organized sector like advanced States. As it was observed that the sector did not get adequate attention from the Govt., poultry development for self sufficiency in egg production has been taken as a flagship programme of the Govt. of Assam to facilitate production of commercial layer pullet for the commercial egg producer in small scale units with modern scientific method.

1.2 Poultry egg and meat are important sources of high quality proteins, minerals and vitamins to balance the human diet. Specially developed breeds of egg type chicken are now available with an ability of quick growth and high feed conversion efficiency. Depending on the farm-size, layer (for eggs) farming can be main source of family income or can provide subsidiary income and gainful employment to farmers throughout the year. Poultry manure has high fertilizer value and can be used for increasing yield of all crops.

1.3 Presently the State have about 5.50 lakhs commercial layer birds in organized modern unit producing about 4 lakhs table eggs on daily basis. The pace of establishment of big commercial units needs lots of capital and land resources. Huge funding for such units is the major hurdle in the state. Inspite of lots of efforts around 35 medium scale commercial layer units are established in the state.

1.4 After detailed discussions with all the stakeholders, it has been evolved that small scale commercial layer units in modern scientific system at backyard of household by the farmers on cluster approach will be better opportunity for local egg production instead of encouraging large scale unit which requires big capital investment and other resources.

2 Objectives of the scheme

- To encourage poultry farming activity in the States and provide employment opportunities in backward areas through livelihood opportunities to make self sufficiency in egg production in the state.
- To improve production of poultry products which have ready market all over the region.

-
- To make self sufficiency of egg production in the state through technology & capital infusion.
 - To provide quality freshly produced eggs to the consumer at a reasonable price.
 - To improve productivity, facilitate rearing of pullets for commercial farmers as a commercial venture.

3. Implementing period and Area of operation

The scheme will be implemented during 2021-26 through out the state.

3.1 **Promotional Assistance:** To support and encourage these activities by organizing SHGs/ JLGs/ Farmers Clubs/ Cooperatives, providing training to farmers, giving publicity and campaign, mapping of resources and reviving of the sector, promotional programmes are also proposed under the scheme.

3.2.1 **Implementing Agency:** The Assam Livestock & Poultry Corporation will notify as the implementing agency (IA) by the Govt. for implementation of the scheme. Funds will be routed through Implementing Agency (IA), after approval by State Level Sanctioning & Monitoring Committee (SLSMC) : The fund will be parked at the Implementing Agency A/C specifically open for the scheme.

4 .Eligibility

4.1. Farmers, individual entrepreneurs, NGOs, companies, cooperatives, groups of unorganized and organized sector which include Self Help Groups (SHGs), Joint Liability Groups (JLGs) etc. The applicant can apply for the subsidy after sanctioning of the project by financing bank and with recommendation from the concerned Dist. AH & Veterinary Officer.

4.2. When more than one member of a family is assisted under the scheme, the units set up by each member should be with separate infrastructure at different locations with distinct identity. The distance between the boundaries of two adjacent farms should be at least 200m.

4.3. Biosecurity norms should be kept in view while locating the units.

5 Subsidy.

5.1. Components that can be financed, indicative unit cost and pattern of assistance are given below.

S.No	Component	Unit Cost (Rs)	Pattern of Assistance
i	Pullet Rearing units (PRU) for rearing of pullets upto 3-4 months minimum capacity- 16000 pullets annually (may increase the unit size in proportion)	Rs 30.00 lakh - Varies depending on the unit size.	33.33% of the outlay as capital subsidy upfront, subject to a ceiling of Rs 10.00 lakh for 16000 capacity unit. The amount may varies depending upon the unit size in proportionately. 10% beneficiary contribution and 56.67% bank loan
ii	Commercial Layer Units (CLU)– upto 500 layers (min)	Rs 3.90 lakh For min 500 birds layer unit - Varies with the size.	50% of the outlay as capital subsidy subject to a ceiling of Rs 1.95 lakh for 500 Subsidy shall be restricted on a prorata basis depending on the unit size subject to a ceiling of Rs. 3 . 9 0 lakh for a 500 layer unit. Permissible maximum unit size under the scheme is 500 layers. 10% farmers share. 40% credit from bank or self finance 50% front ended capital subsidy

Unit costs wherever given are indicative. In case the outlay is higher than the indicated costs, they have to be met either through increased margin or bank loan. Central grower units, Hybrid layer units exceeding the permissible unit size are not eligible for assistance under the scheme.

6. Funding pattern

- o Entrepreneur contribution (margin) - For loans upto Rs.1.60 lakh, banks may not insist on margin as per RBI guidelines. For loans above Rs 1.00 lakh : 10% (minimum)
- o Capital subsidy - as indicated above at 5.1.
- o Effective Bank Loan (excluding eligible subsidy as above) - Balance portion, Minimum 40% of the outlay and 56.67% for PRU.

7. Linkage with credit

Assistance under the scheme would be purely credit linked and subject to sanction of

the project by eligible financial institutions. Self financing for loan component for commercial layer unit needs to be goes through the bank sanction and deposit of Bank Guarantee to the PIU.

8. Eligible financial institutions

- a. Commercial Banks
- b. Regional Rural Banks
- c. State Cooperative Banks
- d. State Cooperative Agriculture and Rural Development Banks:

8.1 Sanction by banks

The farmers/ entrepreneurs/ eligible organizations shall apply to the banks for sanction of the project. The bank shall appraise the project as per their norms and if found eligible, sanction the total outlay excluding the margin as the bank loan. The loan amount is then disbursed in suitable installments depending on the progress of the unit. After the disbursement of first installment of the loan the bank shall apply to the Implementing Agency for sanction and release of subsidy through DVO in the format given in Annexure-I.

8.2 Recommendation by District AH & Veterinary Officer.:

The application for the subsidy shall be routed through concerned Dist. AH & Veterinary officer after sanctioned by the bank or submission of BG to the PIU/ SIA. The time frame for submission of the applications by the DVO to PIU/ SIA within 7 days of the receipt of the application in prescribed format. If the recommendation is not received from the DVO within 7 days, the PSC will treat the applications deem approved and recommend for disbursement of subsidy.

8.3 State Level Sanctioning & Monitoring Committee (SLSMC)

- 8.3.1 State Level Sanctioning & Monitoring Committee (SLSMC) will be Chaired by the Sr. Most Secretary, State Animal Husbandry Department with representatives from lead bank of the state, NGO in this field, an expert in the related field, Concerned AH & Veterinary departmental representatives. The SLSMC will be constituted by the State Government. Only one SLSMC will look after all the schemes relating to

Animal Husbandry Department. Director, AH & Veterinary Department will be convener of the SLSMC. Initially Department shall convene the meeting as and when the projects are received for sanction and later at quarterly intervals to review the progress of the scheme. Banks that have submitted projects for sanction may be invited as special invitees.

- 8.3.2 Constitution of PSC: As the number of projects that would be submitted is expected to be more in due course, the SLSMC may delegate the sanctioning powers in respect of these units to the Project Sanctioning Committees (PSC) of AH & Veterinary Department. The PSC will be chaired by Director, AH & Veterinary, Managing Director, ALPCO will be member secretary, Dy. Secretary, AH & Vety. Deptt, FAO, AH & Veterinary Deptt., Dy. Director, Poultry, Administrative officer, ALPCO, Sector Officer, Poultry will be the members. On monthly basis the PSC will put up the sanctioned projects to SLSMC for ratification.

9 Release of subsidy

- 9.1 After sanction of the subsidy by the SLSMC, the IA shall release the subsidy amount after confirming the availability of funds. The subsidy shall be released on first come first serve basis subject to availability of funds.
- 9.2 After crediting the subsidy in the subsidy reserve fund account of the borrower, a Utilization Certificate in the prescribed format (Annexure III) shall be submitted by the participating bank to IA-ALPCO to the effect that the amount of subsidy received by them has been fully utilized and adjusted in the books of account within the overall guidelines of the scheme.

10 Repayment

- 10.1 Repayment period will depend on the nature of activity and will vary between 3 to 6 years. including grace period of one(1) year
- 10.2 The repayment schedules will be drawn on the total amount of the loan (including subsidy) in such a way that the subsidy amount is adjusted after liquidation of net bank loan (excluding subsidy).

11 Rate of Interest:

Rate of interest on term loan shall be as per RBI guidelines and declared policy of the bank in this regard. The bank may charge interest on the entire loan amount till the subsidy is received and from the date of receipt of

subsidy by the implementing branch, interest has to be charged only on the effective bank loan portion i.e. outlay excluding the margin and subsidy.

12 Security

The security for availing the loan will be as per guidelines issued by RBI from time to time.

13 Time limit for Completion of the project.

13.1 Time limit for completion of the project would be as envisaged under the project, subject to maximum of 12 months period from the date of disbursement of the first installment of loan which may be extended by a further period of 3 months, if reasons for delay are considered justified by the financial institution concerned.

13.2 For farmers level units the completion of the project will be 3 months only after release of the fund.

13.3 If the project is not completed within the stipulated period, benefit of subsidy shall not be available and advance subsidy placed with the participating bank, if any, will have to be refunded forthwith to the implementing agency.

14 Adjustment of subsidy

14.1 The capital subsidy will be front ended and will be adjusted against the capital loan.

14.2 The capital subsidy admissible under the scheme will be kept in the "Subsidy Reserve Fund Account (Borrower-wise) in the books of the financing bank till the project is completed and same will be adjusted directly with the loan. No interest will be paid on this amount by the bank. In view of this, for the purposes of charging interest on the loan component, the subsidy amount should be excluded. The balance lying to the credit of the "Subsidy Reserve Fund Account" will not form part of Demand and Time Liabilities for calculation of CRR and SLR.

15 Monitoring

15.1 Central Monitoring Committee (CMC) at State level Chaired by Senior most Secretary, Animal Husbandry and Veterinary, Govt. of Assam with members from three banks (on rotation basis), Director, AH & Veterinary, Managing Director, Assam Livestock & Poultry Corporation, Sectoral heads of the AH & Veterinary Department, representative from the AAU, ICAR-NRC on Pig will review the implementation of the scheme at half yearly intervals.

15.2 The SLSMC will review the progress on quarterly basis.

15.3 The participating banks should conduct periodic inspections of the units and give a feedback to the SLSMC at regular intervals.

16 Other Conditions

- The participating banks should adhere to the norms of appraising the projects regarding technical feasibility and commercial/financial viability.
- Financing bank should ensure that regulations /laws of Govt, Corporation/ Municipality/ Local Self Government are complied with wherever necessary.
- The participating banks should ensure insurance of the assets created under the project.
- A signboard displaying “Assisted by Department of Animal Husbandry & Veterinary, Govt. of Assam” will be exhibited at the unit.
- Pre and post completion inspection of the project shall be undertaken by the participating bank in association with local AH & Veterinary Authority to verify physical and financial progress as and when required.
- AH & Veterinary Department reserves the right to modify, add and delete any terms / conditions without assigning any reason and its interpretation of various terms will be final.
- AH & Veterinary Department reserves the right to recall any amount given under the scheme without assigning any reason thereof.
- Any other pre and post inspection would be undertaken by AH & Veterinary Department representative to find out the physical and financial progress as and when required.
- Other operational instructions issued by AH & Veterinary Department/ ALPCO from time to time will be strictly followed.

17 Farm Models: Indicative Farm Models for Central Grower unit & Small scale layer units are furnished in Annexure –III and IV.

18 Initially the claim for subsidy will be done through claim form through bank, but in due course the subsidy routing module will be online mode through a designated portal.

ANNEXURE

**CLAIM FORM FROM THE CONTROLLING OFFICE OF THE BANK FOR
RELEASE OF CAPITAL SUBSIDY IN RESPECT OF POULTRY DEVELOPMENT
SCHEME under CM's Special Scheme**

(To be submitted to the concerned Implementing Agency)

NAME OF THE BANK :

DATE:

TOTAL AMOUNT OF CURRENT CLAIM :

DETAILS OF CURRENT CLAIM :

[Rs]

Particulars	
Name and address of the Entrepreneur (PI indicate district also)	
Adhar no of the entrepreneur (if available)	
Location of the Project (indicate the district)	
Whether SC/ST/Women	
Bank/Branch address (indicate district also)with BSR code	
Loan A/c No.	
Date of sanction	
Purpose of Loan	
Unit size	
Total Financial Outlay	
Margin	
Bank Loan	
Repayment prescribed	
Rate of Interest	
Date of sanction of loan	
Amount released (Rs) if any	
Capital Subsidy claimed (Rs)	
Any other information relevant to the project	

1. We undertake having complied with all the instructions contained in Govt. circular No. dated (and subsequent modifications made by Govt.) regarding operational guidelines of the scheme while sanctioning above proposals.

2. We request you to release an amount of Rs.(Rupees.....
) as Capital Subsidy in respect of the above entrepreneurs.

Place :

Date :

Seal and signature of the
Branch Manager(financing bank)

Approved by

District AH & Veterinary Officer
Signature and seal

Format for Utilization Certificate - Capital Subsidy

(FOR THE USE OF FINANCING BANK TO BE SUBMITTED TO THE IMPLEMENTING AGENCY)POULTRY DEVELOPMENT FUND(SUBSIDY) SCHEME

1 Name, address of the beneficiary and location of the project

2 Name of the financing bank :

3 Name & address of the financing branch:

4 Date of sanction of loan by bank :

5 Date of field monitoring of the unit by the bank

6 Date of completion of the unit :

7	(i) Total financial outlay	Rs.			
	(ii) Margin Money	Rs.			
	(iii) Bank loan	Rs.			
	(iv) Subsidy received from IA	Date of receipt	Amount (Rs.)	Date of credit to the "Subsidy Reserve Fund A/C" of the borrower	

8 Brief description of assets created.

9 Rate of interest charged by the financing bank : % p.a.

10

This is to certify that the full amount of capital subsidy received in respect of the above project has been fully utilized (by way of crediting to the "Subsidy Reserve Fund Account - borrower - wise) and adjusted in the books of account under the sanctioned terms and conditions of the project within the overall guidelines of the scheme
--

Place :
Date :

(_____) Seal & Signature of the
Branch Manager (Financing bank)

INDICATIVE INVESTMENT COST FOR 500 LAYER IN CARLIFORNIA CAGE

Sl. No.	Particulars	Unit	Specificatio ns	Physical Units	Unit Cost (Rs./unit)	Total Cost (Rs.)
1	Sheds and other structures					
	Layer sheds (under cage system)	Sq. ft /bird	0.85	450	220	99,000.00
2	Water supply system (Bore well, Electric motor pump set - 1 HP, water tank and pipeline)		Lumpsum			21,000.00
3	Equipments					
	Laying house (cage)	Rs./bird		500	175	87,500.00
4	Capitalisation of recurring expenses for first batches					
	A) Cost of pullet	Nos	1	500	325	162,500.00
	B) Feed cost for 1 month	Kg/bird	3	500	30	15,000.00
	C) Overheads such as cost of eletricity, medicines, vaccine, insurance, etc.	Rs./b1ird	10	500	10	5,000.00
5	Total financial outlay (TFO)					390,000.00
6	Margin Money @ 10% of TFO					39,000.00
7	Bank loan/ Self finance @ 40% of TFO					156,000.00
8	Subsidy 50% of TFO					195000.00

ECONOMICS: CASHFLOW ANALYSIS

Sl. No.		YEARS				
		I	II	III	IV	V-VIII
I	COSTS					
1	Capital Cost	390,000.00	0.00	0.00	0.00	0.00
2	Recurring Costs* :					
a)	Cost of Pullets 4 months old	162,500.00	162,500.00	162,500.00	162,500.00	162,500.00
b)	Cost of feed Growing stage	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00
	Laying Stage	544,500.00	594,000.00	594,000.00	594,000.00	594,000.00
c)	Misc. Expenses					
	Growing stage	5,000.00	5,000.00	5,000.00	5,000.00	5,000.00
	Laying stage	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
	Total cost	1,127,000.00	786,500.00	786,500.00	786,500.00	786,500.00
II	BENEFITS					
1	Sale of eggs	920,000.00	920,000.00	920,000.00	920,000.00	920,000.00
2	Sale of culled birds	0.00	67,500.00	67,500.00	67,500.00	67,500.00
3	Sale of manure Growing stage	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
	Laying Stage	4,500.00	4,500.00	4,500.00	4,500.00	4,500.00

4	Sale of gunny bags	2,000.00	2,000.00	2,000.00	2,000.00	2,000.00
5	Depreciated value of					
a)	Sheds					
b)	Equipments					
6	Value of closing stock					150,000.00
	Total Benefits	927,500.00	995,000.00	995,000.00	995,000.00	1,145,000.00
	Depriciation	10,394.44	10,394.44	10,394.44	10,394.44	10,394.44
	Repayments	28,275.00	28,275.00	28,275.00	28,275.00	28,275.00
	Net benefits	-238,169.44	169,830.56	169,830.56	169,830.56	319,830.56
III	DF at 15%	0.87	0.76	0.66	0.57	0.36
IV	NPV Cost	980,490.00	597,740.00	519,090.00	448,305.00	283,140.00
V	NPV Benefit	806,925.00	756,200.00	656,700.00	567,150.00	412,200.00
VI	BCR		1.16:1			
VII	IRR	68%				

REPAYMENT SCHEDULE

Years	Principal	Repayment	Interest 10%	
I Year	156,000.00	19500.00	15600.00	35100.00
II Year	136,500.00	19500.00	13650.00	33150.00
III Year	117,000.00	19500.00	11700.00	31200.00
IV Year	97,500.00	19500.00	9750.00	29250.00
V Year	78,000.00	19500.00	7800.00	27300.00
VI Year	58,500.00	19500.00	5850.00	25350.00
VII Year	39,000.00	19500.00	3900.00	23400.00
VII Year	19,500.00	19500.00	1950.00	21450.00
Total in 8 years				226200.00
Equated annual installment				28275.00

DEPRICIATION SCHEDULE

Years	Building	Depreciation	Equipments	Depreciation
I Year	99,000.00	4950.00	87,500.00	8750.00
II Year	94,050.00	4702.50	78,750.00	7875.00
III Year	89,347.50	4467.38	70,875.00	7087.50
IV Year	84,880.13	4244.01	63,787.50	6378.75
V Year	80,636.12	4031.81	57,408.75	5740.88
VI Year	76,604.31	3830.22	51,667.88	5166.79
VII Year	72,774.10	3638.70	46,501.09	4650.11
VIII Year	69,135.39	3456.77	41,850.98	4185.10
33321.38				49834.12
Total in 8 years				83155.50
Equated annual Depreciation				10394.44

ANNEXURE-IV

INVESTMENT COST FOR CENTRAL GROWER UNIT IN CAGE SYSTEM CAPACITY 5500 PER

BATCH						
Sl. No.	Particulars	Unit	Specifications	Physical Units	Unit Cost (Rs./unit)	Total Cost (Rs.)
	Land and land development	own developed land				
1	Sheds and other structures					
	A) Brooder cum grower shed for brooder cage	Sq. ft /bird	0.5	2750	325	893,750.00
	C) Store room & labour barrake			100	350	35,000.00
2	Water supply system (Bore well, Electric motor pump set - 1 HP, water tank and pipeline)		Lumpsum			50,000.00
3	Equipments					
	Brooding cum growing house cage and accessories	Rs./bird		5500	140	770,000.00
4	Capitalization of recurring expenses for first batch					
	A) Chick cost	Nos	1	5500	55	302,500.00
	B) Feed cost	Kg/bird	5.5	30250	27	816,750.00
	C) Overheads such as cost of electricity, medicines, vaccine, insurance, litter, etc.	Rs./bird	1	3000	23	69,000.00
	D) Cost of 2 labour for 4 months	Nos	1	8000	8	64,000.00
	Total financial outlay (TFO)					3,001,000.00
5	Total financial outlay (TFO)	Say				3,000,000.00
6	Margin Money @ 10% of TFO					300,000.00
7	Subsidy 33.33% of the TFO	33.33%				1,000,000.00
8	Term Loan 66.71%					1,700,000.00

ECONOMICS: CASHFLOW ANALYSIS

		Y E A R S				
Sl. No.		I	II	III	IV	V-VIII
I	COSTS					
1	Capital Cost	3,000,000.00	0.00	0.00	0.00	0.00
2	Recurring Costs* :					
a)	Cost of chicks	605,000.00	907,500.00	907,500.00	907,500.00	907,500.00

b)	Cost of feed Growing stage	1,633,500.00	1,633,500.00	1,633,500.00	1,633,500.00	1,633,500.00
	Over head expenses	138,000.00	207,000.00	207,000.00	207,000.00	207,000.00
c)	Labour cost					
	Growing stage	128,000.00	192,000.00	192,000.00	192,000.00	192,000.00
	Total cost	5,504,500.00	2,940,000.00	2,940,000.00	2,940,000.00	2,940,000.00
II	BENEFITS					
1	Sale of pullets	4,815,000.00	4,815,000.00	4,815,000.00	4,815,000.00	4,815,000.00
2	Sale of manure Growing stage	9,000.00	9,000.00	9,000.00	9,000.00	9,000.00
4	Sale of gunny bags	9,075.00	9,075.00	9,075.00	9,075.00	9,075.00
5	Depreciated value of					
a)	Sheds					0.00
b)	Equipments					0.00
6	Value of closing stock					375,000.00
	Total Benefits	4,833,075.00	4,833,075.00	4,833,075.00	4,833,075.00	5,208,075.00
	Surplus	-671,425.00	1,893,075.00	1,893,075.00	1,893,075.00	2,268,075.00
	Depreciation		95,995.94	95,995.94	95,995.94	95,995.94
	Repayments		231,000.00	231,000.00	231,000.00	231,000.00
	Net benefits	-671,425.00	1,566,079.06	1,566,079.06	1,566,079.06	1,941,079.06
III	DF at 15%	0.87	0.76	0.66	0.57	0.36
IV	NPV Cost	4,788,915.00	2,234,400.00	1,940,400.00	1,675,800.00	1,058,400.00
V	NPV Benefit	4,204,775.25	3,673,137.00	3,189,829.50	2,754,852.75	1,874,907.00
VI	BCR		1.34:1			
VII	IRR	232%				

REPAYMENT SCHEDULE

Years	Principal	Repayment	Interest 12%	
I Year	1,200,000.00	150000.00	144000.00	294000.00
II Year	1,050,000.00	150000.00	126000.00	276000.00
III Year	900,000.00	150000.00	108000.00	258000.00
IV Year	750,000.00	150000.00	90000.00	240000.00
V Year	600,000.00	150000.00	72000.00	222000.00
VI Year	450,000.00	150000.00	54000.00	204000.00
VII Year	300,000.00	150000.00	36000.00	186000.00
VII Year	150,000.00	150000.00	18000.00	168000.00
Total in 8 years				1848000.00
Equated annual installment				231000.00

DEPRICIATION SCHEDULE

Years	Building	Depreciation	Equipments	Depreciation
I Year	978,750.00	48937.50	770,000.00	77000.00

II Year	929,812.50	46490.63	693,000.00	69300.00
III Year	883,321.88	44166.09	623,700.00	62370.00
IV Year	839,155.78	41957.79	561,330.00	56133.00
V Year	797,197.99	39859.90	505,197.00	50519.70
VI Year	757,338.09	37866.90	454,677.30	45467.73
VII Year	719,471.19	35973.56	409,209.57	40920.96
VIII Year	683,497.63	34174.88	368,288.61	36828.86
329427.25				438540.25
Total in 8 years				767967.50
Equated annual Depreciation				95995.94
