

## ANNEXURE – 7.55

### (1) SUSTAINABLE LIVESTOCK DEVELOPMENT THROUGH BUFFALO AND COW MIXED FARMING

<b>Total project cost</b>	<b>= Rs 22.5 crore</b>
<b>Subsidy</b>	<b>= Rs 9 crore</b>
<b>Bank Loan</b>	<b>= Rs 13.5 crore</b>

This project proposes to provide 900 units of 2 she buffaloes and 3 cows

#### **Objectives**

- Induct 900 units of 2 buffaloes and 3 cows
- Add 1800 buffalos and 2700 cows to the state's population
- Increase milk production
- Address food security
- Widen gene pool of the state

#### **Area of Implementation**

Selected panchayats of Trivandrum, Ernakulam, Alappuzha, Palakkad and Thrissur

#### **Beneficiaries**

900 farmers who are engaged in cow/buffalo rearing.

Farmers possessing 10 cents of land own or on lease for fodder cultivation.

#### **Subsidy**

Subsidy 40% [1 lakh per unit/farmer]

#### **Mode of Implementation**

Selection of the panchayat of the district by the District officer

Selection committee consisting of Convenor Local Veterinary Surgeon, Chairmen President of the LSGI, Standing Committee Chairman, two representatives of LSGI and one elite farmer will select the beneficiaries from the applicants.

Selection of Bank for Assistance to the beneficiary by the local Senior Veterinary/ Veterinary Surgeon and the District Animal Husbandry Officer will ensure the sanctioning of loans by the bank.

The farmer will renovate his cattle shed to accommodate new animals and will start fodder cultivation.

District level purchase committee for the purchase of cows and buffalos for the entire District level committee will consist of Deputy Director, 2 Senior/Veterinary Surgeons, 2 Livestock Inspectors, farmer representatives and Bank Representative.

The representatives deputed by the Purchase committee will effect the purchase from outside state.

### Economics

Sl. No.	Particulars	Total in Rs
1	Cost of 2 Buffaloes + 3 cows [cow@30000 & buffalo @50000]	190000
2	Transportation	10000
3	Cost for shed maintenance	25000
4	Insurance	10000 (Under existing scheme)
5	Cattle feed	15000
Total		250000
Subsidy per unit		100000
<b>Bank loan per unit</b>		<b>150000</b>
Total units		900
Total subsidy for 900 units		9,00,00,000
<b>Total bank loan required for 900 units</b>		<b>13,50,00,000</b>
Total project cost		22,50,00,000

**Subsidy** = Rs 9 crore  
**Bank Loan** = Rs 13.5 crore  
**Total project cost** = Rs 22.5 crore

## **(2) STRENGTHENING OF DEMONSTRATION UNITS OF IDEAL FARMERS**

<b>Total project cost</b>	<b>= Rs 15 crore</b>
<b>Subsidy</b>	<b>= Rs 5 crore</b>
<b>Bank loan</b>	<b>= Rs 10 crore</b>

### **Objectives**

1. To strengthen 500 dairy farms of ideal farmers in the state.
2. To convert the ideal farms into demonstration units to motivate farmers and new entrepreneurs to adopt better cattle management practices.
3. To augment milk production in the state
4. To promote hygienic practices in clean milk production

### **Beneficiaries**

500 ideal dairy farmers possessing more than 10 animals

### **Subsidy**

Subsidy @ 33.33% (1 lakh rupees)

### **Mode of implementation**

1. The selection of beneficiaries will be done by the selection committee by observing the selection norms.
2. Selected beneficiary will be given orientation training on dairy farming.
3. Arrangement of bank loans with financial institutions
4. Release of subsidy to the concerned financial institutions.
5. Stagewise completion of the activities and release of funds.
6. Monitoring and evaluation of activities.

### **Project Components**

Renovation of basic infrastructure (cattle shed and feed store)

Mechanization of various farm activities

Fodder cultivation

Clean milk production

Health Care

Waste disposal

Rain water harvesting

**ECONOMICS (Unit cost for 10 animals unit)**

No.	Components	Amount(Rs)
<b>Renovation of basic infrastructure</b>		
1	Renovation of cattle shed and construction of feed store @Rs 100/sqft (65sqft x 10animals x Rs.100) + Rs.5000(store)	70,000
2	Rubber mat@Rs.2000/animal (Rs.2000 x 10)	20,000
3	Automatic drinker@Rs.500/animal(Rs.500 x10)	5,000
4	Hand shower with .5 hp motor ( Rs.4000/10animals)	4,000
5	Wheel Barrow -1no:	3,500
6	Dung scraper -1no:	500
7	Fan-5nos (Rs.2000 x 5)	10,000
<b>Fodder cultivation</b>		
8	Seed, labour, fertilizer	20,000
9	Chaff Cutter	5,000
10	Sprinkler	10,000
11	Pump	10,000
12	Well construction	20,000
13	Water Tank	5,000
<b>Clean Milk Production</b>		
14	Milking Machine	52,000
15	Milk Cans	4,000
16	Packing Machine	1,500
17	Mastitis Kit	500
18	Teat spray	1,000
19	Accessories for labours	1,800
<b>Health Care</b>		
20	First Aid with display board	2,000
21	Boot dip	1,200
<b>Waste disposal</b>		
22	Biogas Plant	18,000
23	Slurry pump	20,000
24	Vermi-compost	5,000
<b>Rain water harvesting</b>		
25	Ferro cement tank	10,000
<b>Total</b>		<b>3,00,000</b>

Subsidy for one unit = Rs 1 lakh  
Bank loan for one unit = Rs 2 lakh  
Total for one unit = Rs 3 lakh

**Subsidy for 500 units = Rs 5 crore**  
**Bank loan for 500 units = Rs 10 crore**  
**Total for 500 units = Rs 15 crore**