

CMAAA/AH/DF/01

Project Profile
for
Financial Assistance
under
Chief Minister's Atmanirbhar Asom Abhijan (CMAAA)



Name of the scheme: Dairy farm
Total project cost: Rs.2,50,000.00/-

Project at a glance

1. Name of the Entrepreneur :
2. Constitution (Legal status) : Individual
3. Father's/ Spouse's Name :
4. Contact details :
 - District :
 - LAC :
 - Block/Town :
 - Village/Ward :
 - PO :
 - PIN :
 - Email ID :
 - Mobile No. :
5. Location of the unit :
 - District :
 - LAC :
 - Block/Town :
 - Village/Ward :
 - PO :
 - PIN :
6. Nearest veterinary centre :
7. Existing Bank Details : A/c No.-
Bank & Branch:
IFS Code:
8. Proposed Activity : Dairy farm
9. Cost of the Project : Rs. 250000.00 (Approx.)
10. Means of Finance :
 - Govt. Subsidy : Rs.100000.00
 - Bank loan : Rs.150000.00
 - Total : Rs.250000.00

*2nd trench of Govt. assistance of Rs.100000.00 after 1 year & third party verification.
(Govt. may consider further assistance to the successful units)*
11. Pay Back Period : 5 years

1. Background:

The "Chief Minister's Atmanirbhar Asom Abhijan 2023" is a visionary initiative of Hon'ble Chief Minister of Assam, aimed at addressing the issue of unemployment and fostering inclusive progress in the state. The Abhijan aims at empowering the youths of the state with self-employment opportunities and is a significant step towards building a more self-reliant and prosperous Assam. This holistic approach will not only benefit the individuals, but also will contribute to the overall socio-economic development of the state, creating a brighter future for all its residents.

Under the scheme financial assistance is proposed to be provided as indicated below:

Educational qualification of the applicant	Quantum of subsidy	Quantum of interest free loan	Total financial assistance
Minimum qualification: For general categories: Matriculate For ST/SC/ OBC: Up to Class-X ITI, Polytechnic, Diploma in other technical courses, post graduates from recognized universities/ institutes	Rs.50000.00 in first year Rs.50000.00 in 2 nd year	Rs.50000.00 in the 1 st year Rs.50000.00 in 2 nd year	Rs.200000.00
Degree holders in professional courses like Engineering, MBBS, BDS, Veterinary, fisheries, agriculture, CA etc.	Rs.125000.00 in first year Rs.125000.00 in 2 nd year	Rs.125000.00 in first year Rs.125000.00 in 2 nd year	Rs.500000.00

Out of the total project cost, amount other than the govt. assistance will be financed through Bank. Loan under the scheme will be covered under the CGTMSE and Assam Credit Guarantee Scheme.

2. Introduction about the Project:

As per the Economic Survey of Assam, total production of Milk for the year 2021-2022 is estimated at 1034 million litres. India has the highest livestock production with 50% of the buffaloes and 20% of the world's cattle population. India has emerged as the largest milk producing country in the world with present level of annual milk production estimated at 91775 million litres. It is the most important sector of the Indian economy particularly in poverty alleviation and employment generation. Government schemes supporting dairy farming and milk production can positively impact the industry's growth by providing incentives, training, and infrastructure development. Implementation of modern techniques

in dairy farming, such as improved cattle breeds, better feeding practices and mechanization can increase milk yield and quality, enhancing the industry's potential. Therefore, production of Milk is treated as profitable business in India.

3. Potential of the Sector:

Milk has been an integral part of our diet for centuries. About 70 million dairy farmers produce more than 50 per cent of the milk in the country. Milk and various milk products such as curd, flavoured milk, ghee, butter, paneer etc. are the important components of the Indian food industry. Govt. of Assam has taken the initiative for processing of 10.00 Lakh litres of milk per day in coming days in association with National Dairy Development Board (Assam Economic Survey, 2022-2023). The size of dairy industry in India has reached INR 16,792.1 Billion in 2023. The dairy industry is expected to become INR 49,953.5 Billion by 2032, exhibiting a growth rate of 13% during 2024-2032. In view of the above, it appears that Milk and Dairy product industry has a large market potential in Assam.

4. Marketing Strategy (to be filled up by the applicant)

Name of the district :

Population of the district :

Population consuming milk and dairy product in the district (approx) :

Approximate monthly demand of Milk in the district (in litre) :

Existing production of Milk in the district (in litre) :

Target market of the applicant:

Within the district (quantity) :

Outside the district (quantity) :

Name of major markets/milk processing units/ sweet shops for sale of Milk :

5. Process:

Process for Milk production is as indicated below:

- a) Construction of Cow shed
- b) Selection of good breed of Cows for rearing
- c) Arrangement of cattle feed & green fodder
- d) Vaccination and regular check up from veterinary doctor
- e) Artificial insemination and delivery of calf
- f) Receipt and filtration/clarification of the raw milk
- g) Collection of milk by collecting van of milk aggregators.

6. Financial Analysis

A. Fixed Capital Investment			
a. Land :			Own
b. Cost of work shed	Area Sq.ft	Rate in Rs.	Amt. In Rs.
Shed for 2 nos. of adult cows @50 qft each with CC flooring and CGI sheet roofing	100	250.00	25000.00
Shed for 2 nos. of calves @25 Sqft each with CC flooring and CGI sheet roofing	50	250.00	12500.00
Store room cum feed preparation shed with CC flooring and CGI sheet roofing	100	250.00	25000.00
Total			62500.00

C. Non recurring expenditure	Qty.	Rate	Amount in Rs.
Cross Breed Jersey cows of 1st lactation	2	75000.00	150000.00
Cost of transportation	2	1500.00	3000.00
Cost of insurance premium (@4%)	2	3000.00	6000.00
Total			159000.00

d. Preliminary & Pre-operative Cost :	Rs.3000.00
e. Furniture & Fixtures :	Rs.4000.00
f. Contingency/Others/Miscellaneous :	Rs.3623.00
Total Capital Expenditure :	Rs.232123.00
Working Capital	Rs.17877.00
(* Details provided below)	
Total Cost Project :	Rs.250000.00
Means of Financing :	
Govt. Assistance	Rs.100000.00
Bank Finance :	Rs.150000.00
Total	Rs.250000.00

Rs.100000.00

***2nd trench of Govt. assistance after 1 year & third party verification

STATEMENT SHOWING THE REPAYMENT OF BANK LOAN:

Year	Opening Balance	Installment	Closing Balance	Interest @ 12.00%
1st	150000.00	10000.00	140000.00	18000.00
2nd	140000.00	110000.00	30000.00	16800.00
3rd	30000.00	10000.00	20000.00	3600.00
4th	20000.00	10000.00	10000.00	2400.00
5th	10000.00	10000.00	0.00	1200.00

Note: 2nd year installment includes adjustment of 2nd trench of Govt. assistance of Rs 100000.00

STATEMENT SHOWING THE DEPRECIATION ON FIXED ASSETS:

WORKSHED				@	10.00%
Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Opening Balance	62500.00	56250.00	50625.00	45562.50	41006.25
Depreciation	6250.00	5625.00	5062.50	4556.25	4100.63
Closing Balance	56250.00	50625.00	45562.50	41006.25	36905.63

EQUIPMENT				@	15.00%
Opening Balance	159000.00	135150.00	114877.50	97645.88	82998.99
Depreciation	23850.00	20272.50	17231.63	14646.88	12449.85
Closing Balance	135150.00	114877.50	97645.88	82998.99	70549.14

TOTAL DEPRECIATION					
Work shed	6250.00	5625.00	5062.50	4556.25	4100.63
Equipments	23850.00	20272.50	17231.63	14646.88	12449.85
Total	30100.00	25897.50	22294.13	19203.13	16550.47

Schedule of Sales Realization :

Details of Sales

Particulars of Product	Rate	Quantity	Amount in Rs.
Milk @16L per cow per day (morning & evening) for 300 days (16x2x300)	50.00	9600	480000.00
Sale of male calf (assuming 50% of the calves as male)	10000.00	1	10000.00
Sale of cow dung	Lumpsum		15000.00
Total		9600	505000.00

Capacity Utilization of Sales

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Capacity Utilization	70%	80%	90%	90%	90%
Sales / Receipts	353500	404000	454500	454500	454500

Recurring Cost

Particulars	Unit	Rate/unit	Reqd. Unit	Amount in Rs.
Cost of Concentrated Feed for 2 animals @ 3 kg/animal for 365 days (3x2x365)	Kgs	30.00	2190	65700.00
Cost of green dry fodder @ Rs 30/cow/ day(365x2)	Kg	30.00	730	21900.00
Cost of conc.feed for 1 nos of heifer @ 1kg/heifer/day @ Rs 30 kg for 365 days (1x365)	kg	30.00	365	10950.00
Cost of medicine, visit of veterinary doctor etc @ 1000/cow		2500.00	2	5000.00
Total				103550.00

Wages :(as per Labour Department norms)

Particulars	No. of	Wages	Amount in Rs.
	Worker	Per Month	(Per Annum)
Semi skilled workers	0	0.00	0.00
Unskilled workers	1	10572.00	126864.00
Total	1		126864.00

Repairs and Maintenance	:	Rs. 5000.00
Power and water	:	Rs. 5000.00
Other Overhead Expenses	:	Rs. 5000.00

Administrative Expenses :

Salary	No.	Per month	Amount (in Rs.) per annum
Manager Cum supervisor (self)	1	0.00	0.00
Total	1	0.00	0.00

Stationery & Postage	0.00
Advertisement, Publicity & selling expenditure	3000.00
Work shed Rent	0.00

Other Miscellaneous Expenses

3000.00

Total

6000.00

Capacity Utilization of Manufacturing & Administrative Expenses :

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Capacity Utilization	70%	80%	90%	90%	90%
Manufacturing Expenses					
Raw materials	72485.00	86982.00	97854.75	102514.50	107174.25
Wages	126864.00	133207.20	146527.92	168507.11	202208.53
Repairs & Maintenance	3500.00	4000.00	4500.00	4500.00	4500.00
Power & Fuel	3500.00	4000.00	4500.00	4500.00	4500.00
Other Overhead Expenses	3500.00	4000.00	4500.00	4500.00	4500.00
Administrative Expenses					
Salary	0.00	0.00	0.00	0.00	0.00
Postage Telephone Expenses	0.00	0.00	0.00	0.00	0.00
Stationery & Postage	0.00	0.00	0.00	0.00	0.00
Advertisement, Publicity & selling expenses	3000.00	3000.00	3000.00	3000.00	3000.00
Workshed Rent	0.00	0.00	0.00	0.00	0.00
Other Miscellaneous Expenses	3000.00	3000.00	3000.00	3000.00	3000.00
Total:	215849.00	238189.20	263882.67	290521.61	328882.78

Assessment of Working Capital :

Particulars	Amount in Rs.
Sale	505000.00
Manufacturing Expenses	
Raw Material	103550.00
Wages	126864.00
Repair & Maintenance	5000.00
Power & Fuel	5000.00
Other Overhead Expenses	5000.00
Production Cost	245414.00
Administrative Cost	6000.00
Manufacturing Cost	251414.00

Working Capital Estimate :

Element of Working Capital	No of Days	Basis	Amount in Rs.
Material cost	30	Material Cost	10355.00
Stock in process	1	Production Cost	818.00
Working expenses	1	Manufacturing Cost	838.00
Receivable by	7	Manufacturing Cost	5866.00
Total Working Capital Requirement		Per Cycle	17877.00

Projected Profit and Loss Statement

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Sale/ Receipt **	353500.00	424200.00	477225.00	499950.00	522675.00
	353500.00	424200.00	477225.00	499950.00	522675.00
Raw Material**	72485.00	86982.00	97854.75	102514.50	107174.25
Wages **	126864.00	133207.20	146527.92	168507.11	202208.53
Repairs & Maintenance	3500.00	4000.00	4500.00	4500.00	4500.00
Power & Fuel	3500.00	4000.00	4500.00	4500.00	4500.00
Other Overhead Expenses	3500.00	4000.00	4500.00	4500.00	4500.00
Depreciation	30100.00	25897.50	22294.13	19203.13	16550.47
Production Cost	239949.00	258086.70	280176.80	303724.74	339433.25
Administrative Expenses					
Salary	0.00	0.00	0.00	0.00	0.00
Advertisement, Publicity & selling expenses	3000.00	3000.00	3000.00	3000.00	3000.00
Work shed Rent	0.00	0.00	0.00	0.00	0.00
Other Miscellaneous Expenses	3000.00	3000.00	3000.00	3000.00	3000.00
Administrative Cost	6000.00	6000.00	6000.00	6000.00	6000.00
Interest on Bank credit @ 12%	18000.00	16800.00	3600.00	2400.00	1200.00
Cost of Sale	263949.00	280886.70	289776.80	312124.74	346633.25
Net Profit Before Tax	89551.00	143313.30	187448.21	187825.26	176041.75
Less Tax	0.00	0.00	0.00	0.00	0.00
Net Profit	89551.00	143313.30	187448.21	187825.26	176041.75

CALCULATION OF DEBT SERVICE CREDIT RATIO (D.S.C.R) :

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Net Profit	89551.00	143313.30	187448.21	187825.26	176041.75
Add :					
Depreciation	30100.00	25897.50	22294.13	19203.13	16550.47
TOTAL – A	119651.00	169210.80	209742.33	207028.39	192592.22
Payments :					
On Bank Loan :					
Interest	18000.00	16800.00	3600.00	2400.00	1200.00
Installment	10000.00	10000.00	10000.00	10000.00	10000.00
TOTAL - B	28000.00	26800.00	13600.00	12400.00	11200.00
D.S.C.R = A/B	4.27	6.31	15.42	16.70	17.20

PROJECTED BALANCE SHEET :

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
LIABILITIES :					
Promoters Capital	100000.00	100000.00	100000.00	100000.00	100000.00
Profit	89551.00	143313.30	187448.21	187825.26	176041.75
Bank Loan	140000.00	30000.00	20000.00	10000.00	0.00
Sundry Creditors	0.00	0.00	0.00	0.00	0.00
	329551.00	273313.30	307448.21	297825.26	276041.75
ASSETS :					
Gross Fixed Assets :	225500.00	195400.00	169502.50	147208.38	128005.24
Less : Depreciation	30100.00	25897.50	22294.13	19203.13	16550.47
Net Fixed Assets	195400.00	169502.50	147208.38	128005.24	111454.77
Preliminary & Pre-Op. Expenses	3000.00	2250.00	1687.50	1265.63	949.22
Current Assets	0.00	0.00	0.00	0.00	0.00
Cash in Bank/Hand	134151.00	103810.80	160239.83	169820.02	164586.98
Total	329551.00	273313.30	307448.21	297825.26	276041.75

CASH FLOW STATEMENT :

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Net Profit	89551.00	143313.30	187448.21	187825.26	176041.75
Add : Depreciation	30100.00	25897.50	22294.13	19203.13	16550.47
Bank Loan	140000.00	30000.00	20000.00	10000.00	0.00
Promoters Capital	100000.00	0.00	0.00	0.00	0.00
Total	359651.00	199210.80	229742.33	217028.39	192592.22
Total Fixed Capital Invested	232123.00				
Repayment of Bank Loan	110000.00	10000.00	10000.00	10000.00	0.00
Current Assets	0.00	0.00	0.00	0.00	0.00
Total	110000.00	10000.00	10000.00	10000.00	0.00
Opening Balance	0.00	249651.00	438861.80	658604.13	865632.52
Surplus	249651.00	189210.80	219742.33	207028.39	192592.22
Closing Balance	249651.00	438861.80	658604.13	865632.52	1058224.74

BREAK EVEN POINT AND RATIO ANALYSIS :

Particulars	1st Year	2nd Year	3rd Year	4th Year	5th Year
Fixed Cost	36100.00	31897.50	28294.13	25203.13	22550.47
Variable Cost	239949.00	258086.70	280176.80	303724.74	339433.25
Total Cost	276049.00	289984.20	308470.92	328927.87	361983.73
Sales	353500.00	424200.00	477225.00	499950.00	522675.00
Contribution (Sales-VC)	113551.00	166113.30	197048.21	196225.26	183241.75
B.E.P in %	31.79%	19.20%	14.36%	12.84%	12.31%
Break Even Sales in Rs.	112384.30	81455.97	68524.67	64213.47	64322.51
Net Profit Ratio	25.33%	33.78%	39.28%	37.57%	33.68%

** 5% annual increase has been considered in sale price, raw material cost and wages

Signature of the applicant