



## ABSTRACT

Agriculture - National Agriculture Development Programme (NADP) (Rashtriya Krishi Vikas Yojana – RKVY) Implementation of project proposals approved by State Level Sanctioning Committee in the meeting held on 15.12.2007. Detailed project proposal submitted by Commissioner of Milk Production and Dairy Development Department at a cost of Rs.797.00 lakhs for approval - Orders issued.

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### AGRICULTURE (AP 1) DEPARTMENT

**G.O.Ms.No.122**

**Dated: 18.03.2008**

**Read:**

1. G.O.Ms.No. 424, Agriculture (AP IV) Department Dated 23.10.2007.
2. From the Joint Secretary to Government of India, Ministry of Agriculture, New Delhi D.O.No.2-12/2007-PC (PT), dated 06.11.2007.
3. From the Government of India, Ministry of Agriculture, Department of Agriculture and Cooperation, Lr.No.8(1)/2007– Rashtriya Krishi Vikas Yojana (RKVY) dated 23.11.2007.
4. From the Executive Director, TAWDEVA, Lr.No.3231/TAWDEVA/2007 dated 28.01.2008.
5. From the Government of India, Ministry of Agriculture, Department of Agriculture & Co-operation, New Delhi Letter No.1-2/2007 (RKVY) dated 1.2.2008
6. From the Executive Director, Tamil Nadu Watershed Development Agency (TAWDEVA) D.O.No.3231/NADP/TAWDEVA/07 dated 4.03.2008

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### **ORDER:**

The Government of India have introduced a new Additional Central Assistance scheme to incentivise States to draw up plans for their agriculture sector more comprehensively, taking agro – climatic conditions, natural resource issues and technology into account, and integrating livestock, poultry and fisheries. The National Agriculture Development Programme (NADP)

aims at achieving 4% annual growth in agriculture sector during XI Plan period by ensuring holistic development of Agriculture and allied sectors.

2. The Government of India have allocated an amount of Rs.185.31crores under National Agriculture Development Programme (NADP) to this state and released an amount of Rs.150.70 crores for implementation of projects under Stream-I of National Agriculture Development Programme (NADP) for Agriculture and allied sectors for the year 2007-2008.

3. The State Level Sanctioning Committee (SLSC) for National Agriculture Development Programme (NADP) was constituted under the Chairmanship of Chief Secretary to sanction project proposal under Stream-I vide G.O. first read above as per the guidelines of NADP. In the above said Government Order, the TAWDEVA has also been nominated as State Nodal Agency.

4. The first meeting of SLSC was held on 15.12.2007 to consider and sanction the project proposals under Stream-I in respect of Agriculture and allied sectors as submitted by Executive Director, TAWDEVA, and the committee accorded approval for the proposals of Agriculture and allied sectors with its observations. In accordance with the observations of the State Level Sanctioning Committee, the Commissioner of Milk Production and Dairy Development has submitted his detailed projects report through TAWDEVA for approval and the project proposal relates to implementation of following projects of Milk Production and Dairy Development Department at a cost of Rs.797.00 lakhs.

#### **i. Buffalo Calves Development Programme –Rs. 162.00 lakhs**

The 17<sup>th</sup> Quinquennial census indicates a steep fall in the population of Buffaloes. To arrest the fall and to stabilize the Buffalo population support need to be provided to the buffalo rearers to rear female buffalo calves up to first calving. The female calves may be supported from 4<sup>th</sup> month of age to 32<sup>nd</sup> month of age by providing concentrated feed as 100% grant. The total cost of the identification (Rs. 12 per animal) concentrate feed (Rs. 10 per kg) deworming, vaccination, breeding and veterinary services (Rs.2500 / animal) is estimated to be Rs.20000/- per animal. The concentrate feed will be distributed through the Dairy Development Department, Dairy Co-operative Societies and through the Institutions of the Animal Husbandry Department. The buffalo calves of the members of the Dairy Co-operative Societies shall be adopted. Buffalo calves outside the Cooperative ambit shall also be included. Calves shall be from all the districts in the State.

**ii. Establishment of By-pass Protein Supplement Manufacturing Unit - Rs. 100.00 lakhs**

There are around 16 lakh animals under the co-operative ambit and among them 6 lakh animals are under milking. On an average a minimum of 1 Kg is to be provided per animal. The requirement would be around 600 MTs/day. As an initiative, a By-pass protein feed mixing plant with a capacity to produce 50 MTs/day will be set up at Erode to cater to the need of the progressive milk producers.

**iii. Establishment of Mineral Mixture Manufacturing Units – Rs. 30.00 lakhs**

Minerals are needed in addition to proteins, fats, carbohydrates and vitamins for the proper functioning of an animal body. Minerals are essential for growth, reproduction and milk production. Minerals also play a significant role in herd fertility. The minerals that are of particular importance are categorized into major and trace minerals. It is essential to provide mineral mixture to the animals on a daily basis to improve the productivity of the animals. Out of the 16 lakh animals under the co-operative ambit, around 6 lakh animals will be under milking at any point of time. The average requirement of Mineral Mixture is around 50 gms per day per animal. The requirement of Mineral Mixture for 6 lakh animals would be around 30 MTs per day. Hence, it is envisaged to set up two Mineral Mixture plants with a production capacity of 12 MTs per day in two places. i.e. Erode and Tirunelveli. The Mineral Mixture plants will be installed in the premises of the above mentioned respective District Unions.

**iv. Strengthening of existing MMPO Quality Control Laboratory, Dairy Development Department at Madhavaram, Chennai - Rs. 222.00 lakhs**

To compete with International market, with specified standard, it is imperative to analyze the contaminants like pesticide, insecticide, residues, heavy metals, aflatoxins, antibiotic residues and pollutants like microbial population, stabilizer / emulsifier / thickener through modern equipments. Further, as per the statutory requirement the above mentioned contaminants should not be more than the permissible level. At present, the existing quality control laboratory does not have these facilities. Moreover majority of the dairies are sending their samples to analyse these contaminants on high price with private laboratory.

**v. Infrastructure Development by providing P.C based Automatic Milk Collection Stations to 71 Milk Producers Co-operative Societies and 36 Chilling Centres – Rs.181.00 lakhs**

This project is proposed to improve the quality of milk at Chilling Centers and Milk Producers' Co-operative Societies (MPCS) level by ensuring clean Milk Production, Food Safety and Hygienic practices. It aims at infrastructure development by providing P.C. based, automatic milk collection station to 71 Milk Producers' Co-operative Society (MPCS) and 36 Milk Union Chilling Centres @ Rs.1.69 lakh per unit.

**vi. Infrastructure Development by providing Automatic Milking Machines to MPCS - Rs. 21.00 lakhs**

This project is aimed at increasing the quality of procured milk at a cost of Rs.0.21 crores for 30 societies at Rs.70,000/- per society. It is proposed to provide 70 automatic milking machines to the Milk Producers Co-operative Societies.

**vii. Strengthening of Infrastructure to promote Extension Services – Skill Development – Rs. 54.00 lakhs**

Training plays a significant role in Human Resource Development. Only through well-trained personnel, an organization can achieve its goal. 620 veterinarian, 2500 Village level workers and Livestock Inspectors and 7700 farmers (at 20 farmers each in 385 blocks) will be trained in breeding skill. 50% of the group will be provided training by the Tamil Nadu Livestock Development Agency (TNLDA). It has proposed various training programmes for the personnel working in Animal Husbandry Department (AHD), Tamil Nadu Co-operative Milk Producers' Federation (TCMPF) and TNLDA and to farmers. Training will be imparted at the 17 Regional Training Centres of Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), 4 TCMPF Training centres at Vellore, Salem, Villupuram and Madurai and 3 training centres at District Livestock Farms of Animal Husbandry Department, Regional Demonstration and Training Centre of NDDDB, Erode (totally 25), Madras Veterinary College and Veterinary College and Research Institute, Namakkal.

**viii. Study Tour to Farmers - Rs. 27.00 lakhs**

This project envisages training tours to elite dairy farmers to visit model dairies and societies in other States to enhance the knowledge about the latest dairy activities among the milk producers and staff.

5. The Government, after careful examination, accord approval for the following detailed project proposals of the Commissioner of Milk Production and Dairy Development and sanction funds of Rs.797.00 lakhs (Rupees seven crore and ninety seven lakhs only) as indicated in the Annexure to this order.

i	Buffalo Calves Development Programme	Rs.162.00 lakhs
ii	Establishment of By-pass Proteinn Supplement Manufacturing Unit	Rs.100.00 lakhs
iii	Establishment of Mineral Mixture Manufacturing Units	Rs. 30.00 lakhs
iv	Strengthening of existing MMPO Quality Control Laboratory, Dairy Development Department at Madhavaram, Chennai	Rs. 222.00 lakhs
v.	Infrastructure Development by providing P.C based Automatic Milk Collection Stations to 71 Milk Producers Co-operative Societies and 36 Chilling Centres	Rs. 181.00 lakhs
vi	Infrastructure Development by providing Automatic Milking Machines to MPCS	Rs. 21.00 lakhs
vii	Strengthening of Infrastructure to promote Extension Services – Skill Development	Rs. 54.00 lakhs
viii	Study Tour to Farmers	Rs. 27.00 lakhs
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	<b>Total</b>	<b>Rs. 797.00 lakhs</b>
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6. The expenditure sanctioned in para 5 above, shall be debited to the following head of account:-

“2404.00.Dairy Development.102.Dairy Development Project – Schemes in the Eleventh Five Year Plan-II. State Plan.JH. National Agriculture Development Programme – Dairy Development Department.09. Grants-in-Aid – 03. Grants for specific schemes” (DPC 2404.00.102.JH.0938).

7. The Commissioner of Milk Production and Dairy Development is the estimating, reconciling and controlling authority for the above new sub-head of account. The Pay and Accounts of Officer / Treasury Officers concerned is requested to open the new sub-head of account in their accounts.

8. The expenditure sanctioned in para 5 above shall constitute an item of New Instrument of Service for which the approval of the legislature will be obtained in due course. The amount will be included in the Final Supplementary Estimates 2007-08. The Commissioner of Milk Production and Dairy Development along with the copy of the order to send necessary explanatory notes to include the above expenditure in the Final Supplementary Estimates 2007-08 at the appropriate time without fail. The Commissioner of Milk Production and Dairy Development is directed to incur the expenditure after the Final Supplementary Estimates 2007-08 presented in the Legislative Assembly.

9. The duration of the project is one year from the date of issue of G.O. The Commissioner of Milk Production and Dairy Development shall be responsible for the implementation and monitoring the implementation of the eight project proposals mentioned in para 5 above with the assistance of Tamil Nadu Cooperative Milk Producers' Federation / Tamilnadu Livestock Development Agency. Under no circumstances, any deviation from the decision of SLSC shall be permitted.

10. TAWDEVA – the Nodal Agency shall prescribe benchmarks for outcomes, milestones with time lines and monitor the outcomes to ensure that implementing agencies adhere to them.

11. The Executive Director, TAWDEVA, is requested to send the monthly progress report to Government of India, in the prescribed format by 10<sup>th</sup> of the subsequent month under intimation to this Government without fail.

12. This order issues with the concurrence of Finance Department vide its U.O. No.105/SS(PK)/08, dated 14.03.2008.

(BY ORDER OF THE GOVERNOR)

SURJIT K. CHAUDHARY,  
Agricultural Production Commissioner  
and Secretary to Government

To  
The Commissioner of Agriculture, Chennai – 600 005.  
The Commissioner of Horticulture and Plantation Crops, Chennai-600 005  
The Chief Engineer (Agricultural Engineering), Chennai-600 035  
The Executive Director, TAWDEVA, Chennai – 600 097.  
The Vice Chancellor, Tamil Nadu Agricultural University, Coimbatore-3

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The Vice Chancellor, Tamil Nadu Veterinary and Animal Science University,  
Chennai – 51.  
The Director of Animal Husbandry, Chennai - 600 006  
The Commissioner of Fisheries, Chennai – 600 006  
The Commissioner of Milk Production and Dairy Development, Chennai  
The Managing Director, Tamil Nadu Fisheries Development Corporation Ltd., Chennai  
The Joint Director of Agriculture, Coimbatore  
The Joint Secretary to Government of India, Ministry of Agriculture, Department of Agriculture  
and Co-operation, Krishi Bhavan, New Delhi – 110 001.  
The Member-Secretary, State Planning Commission, Chennai – 5.  
The Pay and Accounts officer, Chennai – 5 / Chennai – 35.  
The Treasury Officer / Sub-Treasury Officers, Coimbatore  
The Treasury Officer / Sub-Treasury Officer concerned  
The Principal Accountant General, Chennai – 18 / By Name  
The Principal Accountant General, Chennai – 35 / By Name

Copy to :

The Principal Secretary to Government, Planning Development and Special  
Initiatives Dept, Chennai – 9.  
The Secretary to Government, Animal Husbandry, Dairying & Fisheries Dept,  
Chennai – 9.  
The Secretary to Government, Public Works Department, Chennai – 9.  
The Secretary to Government, Environment & Forest Department,  
Chennai – 9.  
The Secretary to Government, Municipal Administration & Water Supply  
Department, Chennai-9  
The Secretary to Government, Rural Development & Panchayat Raj  
Department, Chennai-  
The Finance (BG1 / BG.II / Agriculture, AHF ) Department, Chennai-9.  
The Agriculture (AP IV) Department, Chennai – 9.

/Forwarded/By Order/

Section Officer

**ANNEXURE****i. BUFFALO CALVES DEVELOPMENT PROGRAMME**

Rs. In lakhs

1	Identification and insurance of calves	4.9815
2	Feed cost	140.9400
3	De-worming	2.1870
4	Vaccination and health cover	4.8600
5	Miscellaneous	9.0315
	<b>Total</b>	<b>162.0000</b>

**ii. ESTABLISHMENT OF BY PASS PROTEIN MANUFACTURING UNIT**

Rs. in lakhs

Item	Unit cost	No	Total
By pass protein feed plant	1.00 Crore	1 at Erode	100.00

**iii. ESTABLISHMENT OF MINERAL MIXTURE MANUFACTURING UNITS**

Rs. in lakhs

Item	Unit cost	Nos.	Total Cost
Mineral Mixture Plants	0.15 Lakh	2	30.00

**iv. STRENGTHENING OF EXISTING MMPO QUALITY CONTROL  
LABORATORY**

Rs, in lakhs

Activity No	Activity/Equipments	
1	Atomic Absorption Spectrophotometer	40.00
2	Gas Chromatography / Liquid Chromatography mass spectrophotometer	80.00
3	Protein Analyzer	30.00
4	Impedence machine	50.00
5	Tinto meter	10.00
6.	Installation, Civil structure, Consumables and all accessories	10.00
7.	Training to technical staff	2.00
	TOTAL	222.00

**iii. INFRASTRUCTURE DEVELOPMENT BY PROVIDING P.C.BASED AUTOMATIC MILK COLLECTION STATIONS TO MILK PRODUCERS COOPERATIVE SOCIETIES AND CHILLING CENTRES**

Rs. in lakhs

Items	No. of Units	Unit cost	
Automatic Milk collection station	107	1.69 lakhs	181.00

**iv. INFRASTRUCTURE DEVELOPMENT BY PROVIDING AUTOMATIC MILKING MACHINES**

Rs. in lakhs

Items	No. of units	Unit cost	Total
Automatic milking machines	30	Rs.70,000/-	21.00

**v. STRENGTHENING OF INFRASTRUCTURE TO PROMOTE  
EXTENSION SERVICES – SKILL DEVELOPMENT**

(Rs.in lakh)

Sl.No.	Kind of Training	Personnel's to be trained	No. of trainees	Duration of Training	Training fee/trainee (Rs.)	Total
1.	Retraining to existing AI workers	Livestock Inspectors of AHD, Village Level Workers of TCMPF and Private AI workers of TNLDA.	1250	5 days	1500/-	18.75
2	Refresher Training @ 10 trainees/ batch	Field Veterinarians of AHD, DDD, DCMPUs & TNLDA	413	5 days	3000/-	12.40
3	Farmers awareness programme	Farmers	3850	2 days	600/-	23.10
Total						54.25

**viii. STUDY TOUR TO FARMERS**

Rs. in lakhs

Sl. No.	Kind of Training	Personnel's to be trained	No. of trainees	Duration	Tour expenses (Rs.)	
1.	Visit to Model dairies in other states / countries	Producer members, staff and officers	550	5 days	5000/-	27.50

Surjit K. Chaudhary,  
Agricultural Production Commissioner  
and Secretary to Government

/True copy/

Section Officer