

ABSTRACT

Agriculture - National Agricultural Development Programme (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 Tamil Nadu Agricultural University for Establishment of Automatic Weather Station (AWS) in 224 Blocks of Tamil Nadu - Orders - issued.

AGRICULTURE (AP 1) DEPARTMENT

G.O.Ms.No.84

Dated:3.3.2008

Read:

1. G.O.Ms. No. 424, Agriculture (AP IV) Dated 23.10.2007.
2. From the Joint Secretary to Government of India, M.O.A, New Delhi D.O.No.2-12/2007-PC (PT) dated 06.11.2007.
3. From the Government of India, MOA, DOAC, 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

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. This is 100% grant of Government of India for the programme.

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 G.O. 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 TNAU has submitted its detailed projects reports through TAWDEVA for approval and the project proposal relates to establishment of Automatic Weather Stations in 224 Blocks of Tamil Nadu at a cost of Rs.1690.00 lakhs. This project is proposed to provide medium range forecast at Block Level for farming decisions, denser observation of precipitation for crop insurance and creation of meso weather control for observing global warming and climate change trends. This programme envisages establishing AWS network in 129 blocks of 9 focused districts, viz., Coimbatore, Dharmapuri, Dindigul, Krishnagiri, Namakkal, Perambalur (Ariyalur), Ramanathapuram, Salem and Villupuram) and 95 blocks in 19 other districts @ 5 blocks each. Training of Extension Officers, satellite link based weather data assimilation and analysis, installation of rain gauges at village level at Dindigul district to develop crop insurance index are the major components proposed. The Tamil Nadu Agricultural University has informed that the data from existing 40 centres are being analyzed and forecast message are being disseminated and this programme is in vogue in the past 3 years with 70% accuracy and this proposal is for enlarging the activity further to cover more blocks and districts. It was informed that there is model for prediction of North East Monsoon. Based on the observation of the SLSC, the Tamil Nadu Agricultural University has proposed to have GSM or CDMA technology depending on the service provider and reduced the cost from Rs.8 lakhs to Rs.6.75 lakhs per block as the Automatic Weather Stations are to be fixed in remote places in the villages and TN-SWAN network cannot be used for data transmission since cabling to the nearest TN-SWAN hub from all the 224 Automatic Weather Stations will be costly. The Tamil Nadu Agricultural University has sought approval for this Project at a cost of Rs.1690.00 lakhs as against Rs.1923.00 lakhs proposed earlier.

5. The Government, after careful examination, accord approval for the detailed project proposal of the Tamil Nadu Agricultural University for establishment of Automatic Weather Stations in 224 Blocks of Tamil Nadu at a cost of Rs.1690.00 lakhs as indicated in the Annexure to this order. Accordingly, they sanction grants-in-aid of Rs.1690.00 lakhs (Rupees Sixteen crores and ninety lakhs only).

6. The expenditure sanctioned in para 5 above, shall be debited under the following head of account

2415 Agricultural Research and Education –
 01 Crop Husbandry – 120 Assistance to other Institutions –
 III Centrally Sponsored – Schemes in the Eleventh Five
 Year Plan – SA Grants to Tamil Nadu Agricultural University –
 Schemes under National Agriculture Development Programme
 (RKVY) – 09 Grants in aid – 03 Grants for specific Schemes

(DPC 2415-01-120-SA-0931)

7. The Director of Agriculture is the estimating, reconciling and controlling authority for the above new sub-head of account. The Pay and Accounts of Officer / Treasury Officer 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 Service for which the approval of the Legislature will be obtained in due course. Pending approval of legislature, the expenditure shall initially will met by an advance from the Contingency Fund of Tamil Nadu. The sanction of which will be made by Finance (BG-I) Department, separately based on application in the prescribed format from the Director of Agriculture along with the copy of the order. He is also instructed to send necessary explanatory notes to include the above expenditure in the supplementary estimates 2007-08 at the appropriate time without fail.

9. The duration of the project shall be one year from the date of issue of Government Order. The Project shall be implemented by Tamil Nadu Agricultural University with the assistance of Department of Agriculture. The Department of Agriculture shall assist in selection of site and help in maintenance of Automatic Weather Stations. The Tamil Nadu Agricultural University shall be responsible for the technical and quality control and monitor the implementation of the Project. 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 10th 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. 61/SS/PK/08 dated 26.02.2008 and ASL No.1907 (One thousand nine hundred and Seven).

(BY ORDER OF THE GOVERNOR)

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

To

The Commissioner of Agriculture, Chennai – 5.

The Commissioner of Horticulture and Plantation Crops, Chennai-5

The Chief Engineer, (Agricultural Engineering), Chennai-35

The Executive Director, TAWDEVA, Chennai – 32.

The Vice Chancellor, TNAU, Coimbatore.

Vice Chancellor, Tamil Nadu Veterinary and Animal Science University,
Chennai – 52.

Director of Animal Husbandry, Chennai - 6

Director of Fisheries, Chennai – 6

The Joint Director of Agriculture, Coimbatore

The Joint Secretary to Government of India, MOA, Dept, 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 Officer, 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, PD& SI Dept, Chennai – 9.

The Secretary to Government, AHD&F Dept, Chennai – 9.

The Secretary to Government, PWD, Chennai – 9.

The Secretary to Government, E&F Department, Chennai – 9.

The Secretary to Government, MAWS Department, Chennai-9

The Secretary to Government, RD & PR Department, Chennai-9

Finance (BG1, B.G. II / Agriculture) Department, Chennai-9.

Agriculture (AP IV) Department, Chennai – 9.

/Forwarded /By Order/

SECTION OFFICER

ANNEXURE

Establishment of Automatic Weather Stations

I. Budget Abstract for 2007-08 (In lakh rupees)

SI	Component-wise activities	Implemented by	Budget
1	Installation of AWS for 224 blocks @ 6.75 lakhs with GSM/CDMA-link, fencing including receiver & software (Annexure III)	TNAU	1512.00
	a. Selection of site	DoA	-
	b. Purchase of AWS and installation	TNAU & DoA	-
	c. GSM/CDMA charges @ Rs.0.05 lakhs/unit/annum for 224 AWS	TNAU	11.20
2.	Installation of automatic Rain gauges including erection @ 0.27 lakhs for 100 gauges	TNAU	27.00
	a. Selection of site and maintenance of raingauges	DoA	-
	b. Technical Assistance, Traveling and contingencies for developing Rainfall Distribution Index & response farming practices	TNAU	4.80
3.	Establishing computational facilities at TNAU for data storage and forecast	TNAU	-
	a. Establishing and furnishing including air cooling system	TNAU	10.00
	b. 2 Mbps MPLS internet bandwidth @ 10.0 lakhs /Mbps/year	TNAU	20.00
	c. Generator, UPS for regular power supply	TNAU	20.00
	d. 20 node xserve mac cluster, workstations, software	TNAU	56.00
	e. Technical Assistance, Traveling and other office contingencies	TNAU	4.00
4.	Training extension officials on developing agro advisory at TNAU	TNAU	25.00
		Total	1690.00

II. Break-up details for the Budget Abstract

1	AWS for 224 @ 6.75 lakhs with mobile-link inclusive of earth station, fencing etc. (split up in Annexure III)	1512.00
2	GSM/CDMA charges @ 0.05/unit for 224 units	11.20
3	Automatic raingauges including masonry work for fixing (100 @ 0.27 lakhs)	27.00
4	Technical assistance, traveling and other contingencies	4.80
5	Training DOA staff for developing agro advisories	25.00
6	Data assimilation and running models including technical assistance and accessories required for server room and 2Mbps MPLS internet connection	34.00
7.	Hardware and software for server with remote assistance facility	56.00
8.	Generator with UPS and accessories purchase and installation	20.00
	Total	1690.00

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

/true copy/

Section Officer