

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 Agricultural Mechanization in Tamil Nadu - Orders - issued.

AGRICULTURE (AP 1) DEPARTMENT

G.O.Ms.No.83

Dated:3.3.2008

Read:

1. G.O.Ms. No. 424, Agriculture (AP IV) Department, dated 23.10.2007.
2. From the Joint Secretary to Government of India, M.O.A, New Delhi D.O.No.2-12/2007-PC (PT) dated 6.11.2007.
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 28.1.2008.
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 (RKVY) 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 (RKVY) to this state and released an amount of Rs. 150.70 crores for implementation of projects under Stream-I of National Agriculture Development Programme (RKVY) for Agriculture and allied sectors for the year 2007-2008. This is 100% grant of the Government of India for the programme.

3. The State Level Sanctioning Committee (SLSC) for National Agriculture Development Programme (RKVY) 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 RKVY. 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 Agricultural Mechanization in Tamil Nadu at a cost of Rs.1006.29 lakhs. In the Project proposal it has been stated that the major issues are growing agricultural labourer shortage, increasing cost and drudgery in agricultural operations. The interventions proposed are: conduct of demonstration by Agricultural Engineering Department, introduction of suitable farm machineries, promotion of custom hiring centres, training to Self Help Groups on operation, repairs and maintenance, incentive to farmers to use machines and help in custom hiring. Under this Project, distribution of machineries through incentive, multi location trials and popularization of Rice planting machines, assessing suitability of sugarcane harvesters, development and field evaluation of arial access hoist for coconut harvesting, popularizing pulses cultivation machinery and capacity building for stake holders. The machineries which are comparatively costly and not popular among the farmers are proposed for distribution at 50% subsidy and other machines with 25% subsidy as per Government of India norms to small and marginal farmers with custom hiring. The SLSC observed that R&D activities are not required under this Scheme as the machineries suitable for different crops in different locations need to be identified and to be included and introduced in this Scheme. The SLSC further observed that the Programme should be on cluster basis and it was agreed to implement the Scheme in 9 focused districts, viz., Villupuram, Dharmapuri, Krishnagiri, Salem, Namakkal, Coimbatore, Perambalur, Dindigul and Ramanathapuram. It was informed that the component under Macro Management Mode Scheme is very small and subsidies are meager and hence the present proposal with higher outlay in focused districts with cluster approach was proposed. SLSC suggested that any machinery available anywhere but not only developed by TNAU if suitable for our conditions, should be promoted under this Programme. The approach should be cluster based with focus on specific crops and selective mechanization and it should be tested in the farmers' field condition. It was also suggested that the Sugarcane Harvester must be introduced early due to acute labour scarcity.

5. The Government, after careful examination, accord approval for the detailed project proposal of the Tamil Nadu Agricultural University for Agricultural Mechanization in Tamil Nadu at a cost of Rs.1006.29 lakhs (Rupees Ten crores six lakhs and twenty nine thousand only) as indicated in the Annexures I and II to this order. Accordingly, sanction is accorded to the

implementing agencies viz., Department of Agricultural Engineering and Tamil Nadu Agricultural University as given below:

1. Agricultural Engineering Department -	Rs. 772.98 lakhs
(Rupees Seven Crores Seventy two lakhs and ninety eight thousand only)	
2. Tamil Nadu Agricultural University	Rs.233.31 lakhs
(Rupees Two crores Thirty three lakhs and thirty one thousand only)	
Total	Rs.1006.29 lakhs

The amount sanctioned to Tamil Nadu Agricultural University is grants-in-aid for 2007-08 under this programme.

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

1. "2402.00. Soil and Water Conservation. 102-Soil Conservation. Schemes in the Eleventh Five Year Plan – III. Centrally Sponsored SW National Agriculture Development Programme (RKVY) – Agricultural Engineering Department "

11 Subsidies	(Rs. in Thousands)
01 Individual based subsidy (2402-00-102 SW 1118)	66498
19 Machines Equipment 01.Purchase (DPC 2402-00-102 SW 1912)	10800

Total	77298

2. 2415. Agricultural Research and Education.01 Crop Husbandry 120 Assistance to other Institutions Schemes in the Eleventh Five Year Plan III. Centrally Sponsored SA Grants to Tamil Nadu Agricultural University – Schemes under National Agriculture Development Programme (RKVY)

09 Grants-in-aid	23331
03 Grants for Specific Schemes (DPC 2415 01 120 SA – 0931)	

Total	100629

7. The Chief Engineer, Agricultural Engineering Department and the Director of Agriculture is the estimating, reconciling and controlling authority for the above respective 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 be constituted 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 be met by an advance from the Contingency Fund of Tamil Nadu. The sanction of which be made by Finance (BG-I) Department, separately based on application in the prescribed format from the Chief Engineer, Agricultural Engineering Department / Director of Agriculture along with the copy of the order. They are also instructed to send necessary explanatory notes to include the above expenditure in the final supplementary estimates 2007-08 at the appropriate time without fail.

9. The project duration is 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 Agricultural Engineering and Department of Sugar. The Department of Agricultural Engineering shall be responsible for procurement of implement / machines, selection of farmers and distribution of implements under the component 'Introduction of newly developed Agricultural Machinery / Implements'. The Tamil Nadu Agricultural University shall be responsible for the quality control of the implements procured, procurement and introduction of Rice Transplanters / Sugarcane Harvesters / Aerial Access Hoist / Pulse Cultivation Machinery and Capacity Building and imparting training to the stake holders. The Tamil Nadu Agricultural University shall also be responsible monitoring of the entire Programme. 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.62/SS/PK/08 Dated 27.02.2008 and ASL No.1916 (One thousand nine hundred and sixteen).

(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, BG.II / Agriculture /) Department, Chennai-9.
 Agriculture (AP IV) Department, Chennai – 9.

/Forwarded /By Order/

SECTION OFFICER

ANNEXURE I**AGRICULTURAL MECHANIZATION****(Rs. in Lakhs)**

Sl. No.	Activities / Interventions	Amount	Implementing agency
1	Distribution and introduction of agricultural machinery through incentive	772.98	AED
2	Introduction of rice transplanting machines	30.00	TNAU & AED
3	Introduction of sugarcane harvesters in farmers field	133.00	TNAU, Dept of Sugar & AED
4	Introduction of access hoist for the management of coconut harvesting	24.00	TNAU & AED
5	Popularization of pulse cultivation machinery through farmers participation	31.31	TNAU & AED
6	Capacity building for stakeholders on farm Mechanization	15.00	TNAU, AED & Hired Experts
	Total	1006.29	

Budget breakup (2007-08)**(Rs. in Lakhs)**

Project	Activities/interventions	Total budget	Breakup among departments				
			DOA	DOH	AED	TNAU	Others
Mechanization	Distribution and introduction of agricultural machinery through incentive	772.98	-	-	772.98	-	-
	Introduction of rice transplanting machines	30.00	-	-	-	30.00	-
	Introduction of sugarcane harvesters in farmers field	133.00	-	-	-	133.00	-
	Introduction of access hoist for the management of coconut harvesting	24.00	-	-	-	24.00	-
	Popularization of pulse cultivation machinery through farmers participation	31.31	-	-	-	31.31	-
	Capacity building for stakeholders on farm Mechanization	15.00	-	-	-	15.00	-
	Total	1006.29	-	-	772.98	233.31	-

ANNEXURE II

I.

(Rs. in Lakhs)

Sl. No	Particulars	Qty	Price/unit	Proposed subsidy	Cost
*I	Introduction of Newly Developed Agricultural Machinery / Implements				
a.	Mini combined Harvester	26	2.50	50%	32.50
b.	Multi crop Thrasher (High capacity)	33	2.10	50%	34.65
c.	Power weeder with attachment	57	1.00	50%	28.50
d.	Power Thrasher	20	1.00	50%	10.00
e.	Paddy Transplanter	80	1.40	50%	56.00
f.	Post hole digger	92	0.85	50%	39.10
g.	Shredder (Heavy)	4	1.00	50%	2.00
h.	Shredder (Medium)	6	0.40	50%	1.20
i.	Maize Husker Sheller	100	0.90	50%	45.00
j.	Coconut De- husker	123	0.60	50%	36.90
k.	Ground nut decorticator	27	0.35	50%	4.73
l.	Chisel plough	132	0.12	50%	7.92
m.	Gender friendly equipments	1478	0.08	75%	88.68
II	Grant Support to the State Government Institutions				
a.	Purchase of Heavy Duty Tractor with Prime Mover to transport bulldozers and heavy equipments of Agricultural Engineering Department	6	18.00	--	108.00
*III	Popularisation of Agricultural Mechanisation through conventional machinery / equipments				
a.	Power Tiller	551	1.16	25%	159.79
b.	Rotovator	384	0.90	25%	86.40
c.	Cultivator	262	0.16	25%	10.48
d.	Off set disc harrow	25	0.47	25%	2.95
e.	Disc plough	202	0.35	25%	18.18
	TOTAL				772.98

* Backended subsidy

II.

Sl. No.	Rice transplanters	Number	Approximate cost Rs.
1.	Yanmar 6 rows transplanters (VP 60x)	1	6,50,000
2.	Yanmar 8 rows transplanters (VP 80 D)	1	9,20,000
3.	Yanji rice transplanter	1	1,50,000
4.	Korean make 4 rows walking transplanter	1	2,00,000
5.	Nursery raising set up mechanism and spare parts	1 set	2,80,000
		Total	22,00,000

(Rs. in Lakhs)

Details	2007-08
Equipments	22.00
Contingencies (field inputs, hire & contractual help, travel, etc.	8.00
Total	30.00

III.

Sl. No.	Sugarcane Harvesters	Number	Approximate cost Rs.
1.	Whole sugarcane harvester cum de-trasher (China Make)	1	25,00,000
2.	Billet/Cut-chop sugarcane harvester (Thai/Japan make)	1	65,00,000
3.	Related spares and accessories including field mobility units, loaders, etc	1 set	35,00,000
		Total	1,25,00,000

(Rs. in Lakhs)

Details	2007-08
Equipments	125.00
Contingencies (field inputs, mobility hire & contractual help, travel etc.	8.00
Total	133.00

IV.

Sl. No.	Aerial Access Hoist	Number	Approximate cost Rs.
1.	Field truck	1	8,00,000
2.	Aerial access hoist	1	8,00,000
3.	Related hydraulic spares and accessories	1	2,00,000
	Total		18,00,000

(Rs. in Lakhs)

Details	2007-08
Equipments	18.00
Contingencies (inputs, mobility & contractual help, travel, etc.)	6.00
Total	24.00

V.

Sl.No.	Pulses Cultivation Machinery	Quantity No.	Cost Rs. in lakhs
1.	Chisel plough	2	
2.	Tractor drawn ridger	2	
3.	Cultivator mounted seed drill	1	
4.	Broad bed former cum seeder	1	
5.	Seed cum fertilizer drill	1	
6.	Dibbler	10	
7.	Long handled weeder	25	
8.	Battery operated sprayer	5	
9.	Power tiller operated boom sprayer	2	
10.	Power weeders (4 models)	8	
11.	Mini combine harvester	2	
12.	Multi crop thresher	2	
			20.76

(Rs. in Lakhs)

Details	2007-08
Equipments	20.76
Contingencies (field inputs, mobility & contractual help, travel, etc.)	10.55
Total	31.31

VI.

Sl.No.	Capacity Building	Number	Amount (Rs. in Lakhs)
1.	Training the officials in the line Departments (200 nos in 10 batches)	10	3.60
2.	Training manufacturers and artisans (100 nos in 10 batches)	10	1.60
3.	Training the farmers, youth, SHGs, NGOs, etc (200 nos in 10 batches)	10	3.00
4.	Quality control check up on the supply of implements by the line department which includes travel, inspection, etc, course materials for training, hiring experts	-	3.80
5.	Training aids like computer, a-v aids	-	2.00
Total			15.00

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

/true copy/

Section Officer