



ABSTRACT

Agriculture and Farmers Welfare - Agricultural Engineering – Central assistance scheme of “Sub Mission on Agricultural Mechanization” – Sub Mission on Agricultural Mechanization (SMAM) – 1st Instalment during 2021-2022 – Sanction of funds for a sum of Rs.3031.83 lakh – Accorded - Orders Issued.

AGRICULTURE AND FARMERS WELFARE (AE1) DEPARTMENT

G.O. (Ms). No. 201

Dated: 20.11.2021

திருவள்ளூர் ஆண்டு 2052

பிலவ, கார்த்திகை 4-ஆம் நாள்

Read:

1. Government Letter No. 3131/AE1/2021-1, Dated: 12.02.2021.
2. Government Letter No. 3131/AE1/2021-2, Dated: 02.03.2021.
3. The Under Secretary, Mechanization and Technology Division, Department of Agriculture, Co-operation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India, New Delhi, Letters No. 3-1/2015- M&T(I&P), Dated: 20.05.2021 for General and SCP.
4. Government Letter No.10098/AE1/2021-2, Dated: 02.06.2021.
5. The Deputy Commissioner, Mechanization and Technology Division, Department of Agriculture, Co-operation and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Govt. of India, New Delhi, Letters No.3-1 (Tamil)/2015- M&T (I&P), Dated: 11.06.2021.
6. G.O. (D) No.102 Agriculture and Farmers' Welfare (AP1) Department, Dated: 18.06.2021.
7. From the Chief Engineer (Agricultural Engineering) Letter No.AM.1/32820 /2020, Dated: 22.06.2021.

ORDER :

In the Government Letter first read above the Annual Action Plan (AAP) of the “Sub Mission on Agricultural Mechanization” for the year 2021-22 for an amount of Rs.33252.80 Lakh (GOI share Rs.19963.20 Lakh and State share Rs.13289.60 Lakh) was forwarded to Government of India, so as to implement the Sub Mission on Agricultural Mechanization (SMAM) Scheme for the year 2021-22. The Annual Action Plan of Sub Mission on Agricultural Mechanization for the year 2021-22 was also approved and ratified by the 5th State Level Executive

Committee (SLEC) of Sub Mission on Agricultural Mechanization vide Government letter 2nd read above.

2. The Government of India in its letter 3rd read above, has approved the component No. 3, 4, 5 and 6 of SMAM guidelines for the Financial assistance for procurement of agricultural machinery and equipment, Establishment of Farm Machinery Banks for Custom Hiring, Hi-Tech, High Productive Equipment Hub for Custom Hiring and Promotion of Farm Mechanization in selected villages respectively besides administrative expenses approval, for an amount of Rs.3623.33 Lakh and sanctioned an amount of Rs.3623.33 Lakh to Tamil Nadu as per the sharing pattern of 60:40 between Centre and State and released an amount of Rs.1634.00 Lakh for General category and Rs.540.00 Lakh for the Special Component Plan for scheduled caste amounting to a total value of Rs.2174.00 Lakh (GOI share) as first instalment towards the implementation of Sub Mission on Agricultural Mechanization (SMAM) during the year 2021-22 for the Annual Action Plan (AAP). The corresponding State share is Rs.1089.33 Lakh for General category and Rs.360.00 Lakh for the Special Component Plan for scheduled caste amounting to a total value of Rs.1449.33Lakh. Hence, totally an amount of Rs.3623.33 Lakh is requested for sanction and release towards the implementation of Annual Action Plan of Sub Mission on Agricultural Mechanization for the year 2021-22, out of which the Central share is Rs.2174.00 Lakh and State share is Rs.1449.33Lakh. The Government of India has sanctioned the Annual Action Plan of SMAM 2021-22 for an amount of Rs.3623.33 Lakh for the components 1) Financial assistance for procurement of agricultural machinery and equipment, 2) Establishment of Farm Machinery Banks for Custom Hiring, 3) Hi-Tech, High Productive Equipment Hub for Custom Hiring 4) Promotion of Farm Mechanization in selected villages and 5) Administrative expenses.

Table. Components of Sub Mission on Agricultural Mechanization - 2021-22

Sl. No	Component	Total Project approved (Centre and State) (Rs.in Lakh)	Concurred by IFD (Rs.in Lakh)	Central share (Rs.in Lakh)	State share (Rs.in Lakh)
1	Financial assistance for procurement of Agricultural machinery and equipment	744.10	744.10	446.46	297.64
2	Establishment of Farm Machinery Banks for Custom Hiring	1150.00	1150.00	690.00	460.00
3	Hi-Tech, High Productive Equipment Hub for Custom Hiring	600.00	600.00	360.00	240.00
4	Promotion of Farm Mechanization in selected villages	800.00	800.00	480.00	320.00
5	Administrative cost	329.23	329.23	197.54	131.69
	Total	3623.33	3623.33	2174.00	1449.33

3. With the increasing need for agricultural machinery in farming, many farmers who cannot afford it are leaving in search of other jobs. Govt will support

Cooperative societies of farmers by providing subsidy assistance to purchase 5 Tractors with trailers, 5 Seedling planting machinery, 5 Harvesting machinery, together valued at Rs.2.50 Crore. Society members will each invest Rs.50,000 that will be used as deposit money at the bank. Cooperative Societies will offer services including ploughing, seed planting, and harvest at fixed rates for agricultural lands within its control. Government subsidy assistance of Rs.1Crore will be provided to each Hi-Tech, High Productive Equipment Hub as per Sub Mission on Agricultural Mechanization guidelines issued by Government of India.

4. Hence, the Chief Engineer (Agricultural Engineering) has stated that it is proposed to establish 10 Nos of Hi-Tech, High Productive Equipment Hubs for Custom Hiring of paddy cultivation machinery under Component No.5.D. of Sub Mission on Agricultural Mechanization guidelines during the year 2021-2022. Total project cost for establishing 10 Nos.of Hi-Tech, High Productive Equipment Hubs for Custom Hiring of paddy cultivation machinery is Rs.2500.00 Lakh.Out of which the Government contribution is Rs.1000.00 Lakh (40% Govt. subsidy assistance) and the balance amount is Rs.1500.00 Lakh (60%), which is Cooperative Societies Farmers contribution. For the Cooperative Societies farmers contribution, the "Agricultural Infrastructure Fund" may be availed in which there is 3% interest subvention.

5. The subsidy portion is to be released to the Cooperative Societies of farmers through the Nationalized bank only by locking the subsidy portion for four years as "Subsidy Reserve Fund Account" after the receipt of satisfactory performance of the machinery from the Cooperative Societies of farmers and after the re-verification of all the Agricultural machinery and implements by the concerned Executive Engineer (Agricultural Engineering) of Agricultural Engineering Department. After the completion of four years, the Executive Engineer (Agricultural Engineering) will verify the availability of all the agricultural machinery and implements issued to the Cooperative Society and will advice the concerned Assistant Executive Engineer (Agricultural Engineering) for recommending the release of Subsidy Reserve Fund. After that the Assistant Executive Engineer (Agricultural Engineering) will request the Bank for releasing the subsidy amount kept in the "Subsidy Reserve Fund Account" to the Cooperative Societies of farmers.

6. It is proposed to utilize Component No.4 i.e., Establishment of Custom Hiring Centre (Farm Machinery Banks for Custom Hiring @ Rs.10.00 Lakh subsidy) amount to a tune of Rs.800 Lakh under General category allocated for 80 CHCs and an amount of Rs.200 Lakh under SCP category allocated for 20 CHCs towards the establishment of Component No.5 D that is Hi-Tech, High Productive Equipment Hub for Custom Hiring @ Rs.100.00 Lakh subsidy for establishing 10 Hi-Tech, High Productive Equipment Hubs. Hence, 8 Hubs are proposed under General category for an amount of Rs.800 Lakh and 2 Hubs are proposed under SCP category.

7. In the reference 4th read above the Government of India was requested to give Change of Components as mentioned above without altering the financial allocation in each category. Accordingly, the Government of India accorded permission to change the components as mentioned above vide reference 5th read above.

8. In this connection, the CE(AE) has sent the proposal for getting the Government Order towards the implementation of Sub Mission on Agricultural Mechanization for the year 2021-22 as first installment is as follows;

i. Financial Assistance for procurement of Agricultural Machinery and Equipment

It is proposed to distribute 207 Nos. of Agricultural Machinery and Implements such as Rice Transplanter, Baler, Power weeder and Combine Harvester to farmers with the subsidy assistance during the year 2021-22 as per the Sub Mission on Agricultural Mechanization guidelines for an amount of Rs.594.10 Lakh out of which Rs.463.33 Lakh is for General category farmers and Rs.130.77 Lakh is for Special Component Plan farmers.

Establishment of solar drier

Polycarbonate sheet covered green house type solar drying units are being promoted to the farmers and farmers' groups for drying various agricultural produce like Coconut, Chillies, Tomato, Moringa leaves, Maize, Garlic, Ginger, Cloves, Curry leaves, Fruits like Banana, Pine apple and Amla to promote the utilization of solar energy and to fetch more income by the farmers. In the Annual Action Plan (AAP) of the Sub Mission on Agricultural Mechanization (SMAM) for the year 2021-2022. The component of establishment of solar drier for the subsidy amount of Rs.500.00 Lakh was proposed under Financial Assistance for procurement of Agricultural Machinery and Equipment and the approval was obtained.

The maximum subsidy assistance for the establishment of all types of Solar Driers with floor area of about 400 Sq.ft to 1000 Sq. ft as per the Sub Mission on Agricultural Mechanization guidelines is Rs.2.45 Lakh. Considering the demand from the farmers for higher floor area, it has been proposed to provide polycarbonate sheet covered solar driers with floor area ranging from 400 Sq.ft. to 1000 Sq. ft in the 1st instalment of SMAM - AAP 2021-22 for 62 Nos with the subsidy assistance of Rs.150.00 Lakh out of which Rs.130.00 Lakh is for General category farmers and Rs.20.00 Lakh is for Special Component Plan farmers. Hence, totally an amount of Rs.744.10 Lakh is proposed for the component of **Financial Assistance for procurement of Agricultural Machinery and Equipment** out of which Rs.446.46 Lakh is for General category farmers and Rs.297.64 Lakh is for Special Component Plan farmers as detailed in the following table;

Sl. No	Name of the Agricultural machinery / implements	unit cost Rs. in Lakh	SMAM-2021-22 - 1st Release					
			General		SCP		Total	
			Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh
I	Component No.3: Financial Assistance for Procurement of Agriculture Machinery and Equipment							
1	Self Propelled Rice Transplanter (4 rows)	1.50	80	120	20	30.00	100	150.00
2	Self Propelled Rice Transplanter (Above 4-8 rows)	5.00	9	45	1	5.00	10	50.00
3	Power Weeder	0.35	51	17.85	7	2.45	58	20.30

	(engine operated above 2 BHP)							
4	Combine Harvester(track, 6-8 feet cutter bar)	11.00	23	253	6	66.00	29	319.00
5	Balers (Round)(above 16-25 kg per bale)	5.50	5	27.5	5	27.50	10	55.00
	Individual Machinery Total		168 Nos.	Rs.463.35 Lakh Limited to Rs.463.33 Lakh	39 Nos.	Rs.130.95 Lakh Limited to Rs.130.77 Lakh	207 Nos.	Rs.594.30 Lakh Limited to Rs.594.10 Lakh
6	Solar Driers		54 Nos.	130.00	8 Nos.	20.00	62 Nos.	150.00
	Total			593.33		150.77		744.10

In the G.O. 6th read above, an amount of Rs.1042.50 Lakh had been sanctioned for Kuruvai package 2021-22 for the distribution of 100 Nos Self Propelled Rice Transplanter (4 rows), 10 Nos. Self Propelled Rice Transplanter (Above 4-8 rows), 50 Nos Power Weeder (engine operated above 2 BHP), 50 Nos. Combine Harvester (track, 6-8 feet cutter bar), 50 Nos. Balers (Round) (above 16-25 kg per bale) in Delta districts namely Thanjavur, Tiruvarur, Nagappattinam, Mayiladuthurai, Trichy, Cuddalore and Ariyalur as detailed below;

Distribution of Agricultural Machinery and Implements under Kuruvai Package – 2021-22

Sl. No	Name of the Agricultural machinery / implements	unit cost	General Category		SCP Category		Total	
			Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh
1	Self Propelled Rice Transplanter (4 rows)	1.50	80	120.00	20	30.00	100	150.00
2	Self Propelled Rice Transplanter (Above 4-8 rows)	5.00	9	45.00	1	5.00	10	50.00
3	Power Weeder (engine operated above 2 BHP)	0.35	50	17.50	0	0	50	17.50
4	Combine Harvester (track, 6-8 feet cutter bar)	11.00	43	473.00	7	77.00	50	550.00
5	Balers (Round) (above 16-25 kg per bale)	5.50	34	187.00	16	88.00	50	275.00
	Total		216	842.50	44	200	260	1042.50

As per the Government Order an amount of Rs.842.50 Lakh under General Category and Rs.200.00 Lakh under Special Component Plan Category has to be dovetailed from SMAM AAP 2021-22. The details of Category wise amount to be dovetailed from the 1st release and 2nd release is furnished below;

Sl. No	Name of the Agricultural machinery / implements	unit cost	SMAM - 1st Installment - 2021-22				SMAM 2nd installment 2021-22				Total			
			General Category		SCP Category		General Category		SCP Category		General Category		SCP Category	
			Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh	Phy in Nos	Fin Rs. in Lakh
1	Self Propelled Rice Transplanter (4 rows)	1.50	80	120.00	20	30.00					80	120.00	20	30.00
2	Self Propelled Rice Transplanter (Above 4-8 rows)	5.00	9	45.00	1	5.00					9	45.00	1	5.00
3	Power Weeder (engine operated above 2 BHP)	0.35	50	17.50							50	17.50	0	0.00
4	Combine Harvester (track, 6-8 feet cutter bar)	11.00	23	253.00	6	66.00	20	220.00	1	11.00	43	473.00	7	77.00
5	Balers (Round) (above 16-25 kg per bale)	5.50	5	27.50	5	27.50	29	159.50	11	60.50	34	187.00	16	88.00
	Total		167	463.00	32	128.50	49	379.50	12	71.50	216	842.50	44	200.00

Since the amount of Rs.463.00 Lakh under General Category and Rs.128.50 Lakh under Special Component Plan Category, totally an amount of Rs.591.50 Lakh in the first instalment of SMAM AAP 2021-22 had already been sanctioned in Kuruvai Government Order. Hence, the financial sanction for the balance amount of Rs.130.33 Lakh under General Category and Rs.22.27 Lakh under Special Component Plan Category, totally an amount of Rs.152.60 Lakh is requested under Financial Assistance for procurement of Agricultural Machinery and Equipment.

The remaining amount of Rs.379.50 Lakh under General Category and Rs.71.50 Lakh under Special Component Plan Category totally an amount of Rs.451.00 Lakh for Kuruvai package will be dovetailed in the 2nd instalment release of SMAM AAP 2021-22, once the Govt of India share is released.

ii. Establishment of Custom Hiring Centre (Farm Machinery Banks for Custom Hiring)

The main objectives of establishing Custom Hiring Centres are, 1) to provide hiring services for various agricultural machinery / implements applied for different farming operations, 2) to expand mechanized activities during cropping seasons in large areas especially in small and marginal holdings, 3) to introduce improved / newly developed agricultural implements and machinery in crop production.

Custom Hiring Centre (CHC) is basically a unit comprising a set of farm machinery, implements and equipment meant for custom hiring to the needy farmers. It is proposed to form 15 Custom Hiring Centres in the needy blocks of Tamil Nadu with a project cost of Rs.25.00 Lakh per CHC. Out of Rs.25.00 Lakh, an amount of Rs.10.00 Lakh is Government assistance in the form of 40% subsidy and the remaining amount of Rs.15.00 Lakh towards 60 % contribution from Rural Entrepreneurs (Rural youth and farmer as an entrepreneur) / Cooperative Societies of farmers / Registered Farmers Societies / Farmer Producer Organizations (FPOs). Total cost for the establishment of 15 Custom Hiring Centres is Rs.375.00 Lakh, out of which the Government contribution is Rs.150.00 Lakh (40% Govt. subsidy assistance) and the balance amount is Rs.225.00 Lakh (60%), which is the contribution from Rural Entrepreneurs (Rural youth and farmer as an entrepreneur) / Cooperative Societies of farmers / Registered Farmers Societies / Farmer Producer Organizations (FPOs).

SI No	Category	No. of Custom Hiring Centres (CHCs)	Unit Cost (Rs.in Lakh)	Subsidy amount per CHC (Rs.in Lakh)	Total Project Cost (Rs.in Lakh)	Total subsidy amount (Rs.in Lakh)
1	Special Component Plan for Scheduled Caste Category	15 CHCs	Upto Rs.25.00 Lakh	10.00	375.00	150.00
	Grand Total	15 CHCs		10.00	375.00	150.00

The proposed Agricultural machinery and implements Custom Hiring Centres will be run by any one of the following viz., Rural Entrepreneurs (Rural youth and farmer as an entrepreneur), Cooperative Societies of farmers, Registered Farmers Societies, and Farmer Producer Organizations (FPOs) etc., These Custom Hiring Centers will be supported and monitored by the Agricultural Engineering Department (AED). The list of Agricultural Machinery and Implement required for each block will be based on cropping pattern and availability of existing Agricultural Machinery in the individual blocks.

iii. Hi-Tech, High Productive Equipment Hub for Custom Hiring

The main objectives are, 1) to promote utilization of hi-tech, high value machines for higher productivity, 2) to provide hiring services for various high value crop specific machines, 3) to expand mechanized activities during cropping seasons to cover large areas. Hi-Tech, High Productive Equipment Hubs for Custom Hiring are established by Rural Entrepreneurs (Rural youth and farmer as an entrepreneur),

Cooperative Societies of farmers, Registered Farmers Societies, and Farmer Producer Organizations (FPOs) etc.,

a) Hi-Tech, High Productive Equipment Hub for Custom Hiring upto Rs.150.00 Lakh

Hi-Tech, High Productive Equipment Hubs for Custom Hiring has to be established in sugarcane growing areas. A set of sugarcane cultivation machinery namely Sugarcane Harvester, Tractor 60-70 HP, Tractor Drawn Implements like Disc plough, Rotavator, Cultivator, Raised bed former, Ridger and Trencher, Sub surface lateral laying machine for the installation of Drip Irrigation system in SSI Technique, Sugarcane bud chipper, Mini Tractor, Power weeder walk behind type less than 8 HP, Two no. of Infielders, Two no. of Tractor suitable for infielders and other sugarcane cultivation machinery like Baler, Tractor drawn Sugarcane trash shredder cum pulveriser and Sugarcane stubble shaver will be distributed to the Rural Entrepreneurs (Rural youth and farmer as an entrepreneur), Cooperative Societies of farmers, Registered Farmers Societies, and Farmer Producer Organizations (FPOs) etc with 40 per cent subsidy assistance amounting to a total maximum subsidy amount of Rs.60.00 Lakh for the project cost of Rs.150.00 Lakh. Out of the above said sugarcane cultivation machinery, one Sugarcane Harvester alone is permitted for distribution under this scheme and the Rural Entrepreneurs (Rural youth and farmer as an entrepreneur), Cooperative Societies of farmers, Registered Farmers Societies, and Farmer Producer Organizations (FPOs) etc are permitted to purchase any other Sugarcane cultivation machinery up to a project cost of Rs.150.00 Lakh. The subsidy assistance for forming the high tech high productive equipment hub is 40% of the total unit cost (or) a maximum amount of Rs.60.00 Lakh per centre and the 60% balance amount of Rs.90.00 Lakh per centre will be the beneficiary contribution.

It is proposed to establish 10 Nos of Hi-Tech, High Productive Equipment Hubs for Custom Hiring of sugarcane cultivation machinery. Total cost required for establishing 10 Nos. of Hi-Tech, High Productive Equipment Hubs for Custom Hiring of sugarcane cultivation machinery is Rs.1500.00 Lakh. Out of which the Government contribution is Rs.600.00 Lakh (40% Govt. subsidy assistance) and the balance amount is Rs.900.00 Lakh (60%), which is the beneficiary contribution.

b) Hi-Tech, High Productive Equipment Hub for Custom Hiring upto Rs.250.00 Lakh

To give importance to the Hi-Tech, High Productive Equipment Hub for Custom Hiring, it is also now proposed to establish Custom Hiring Centre for a value of Rs.2.50 crore. With the increasing need for agricultural machinery in farming, many farmers who cannot afford it are leaving in search of other jobs. Govt will support Cooperative societies of farmers by providing subsidy assistance to purchase 5 Tractors with trailers, 5 Seedling planting machinery, 5 Harvesting machinery, together valued at Rs.2.50 Crore. Cooperative Societies will offer services including ploughing, seed planting, and harvest at fixed rates for agricultural lands within its control. Government subsidy assistance of Rs.1 Crore will be provided to each Hi-Tech, High Productive Equipment Hub as per Sub Mission on Agricultural Mechanization guidelines issued by Govt of India.

Hence, it is proposed to establish 10 Nos.of Hi-Tech, High Productive Equipment Hubs for Custom Hiring of paddy cultivation machinery under Component No.5.D.of Sub Mission on Agricultural Mechanization guidelines during the year 2021-22.Total project cost for establishing 10 Nos.of Hi-Tech, High Productive Equipment Hubs for Custom Hiring is Rs.2500.00 Lakh. Out of which the Government contribution is Rs.1000.00 Lakh (40% Govt. subsidy assistance) and the balance amount is Rs.1500.00 Lakh (60%), which is Cooperative Societies Farmers contribution. For the Cooperative Societies farmers contribution, the "Agricultural Infrastructure Fund" may be availed in which there is 3% interest subvention.

Out of 10 Nos Hi-Tech, High Productive Equipment Hub for Custom Hiring @ Rs.1000.00 Lakh subsidy proposed, 8 Hubs are proposed under General category for an amount of Rs.800 Lakh and 2 Hubs are proposed under SCP category for an amount of Rs.200.00 Lakh.

Sl No.	Category	No.of Hi-tech high productive equipment hub (CHCs)	Unit Cost (Rs.in Lakh)	Subsidy amount per CHC (Rs.in Lakh)	Total Project Cost (Rs.in Lakh)	Total subsidy amount (Rs.in Lakh)
i.	General Category(Hi-tech high productive equipment hub (CHCs) upto Rs150.00 Lakh)	10 CHCs	Upto Rs.150.00 Lakh	60.00	1500.00	600.00
Total		10 CHCs		60.00	1500.00	600.00
ii.	General Category (Hi-tech high productive equipment hub (CHCs) upto Rs250.00 Lakh)	8 CHCs	Upto Rs.250.00 Lakh	100.00	2000.00	800.00
	Special component plan for scheduled caste category (Hi-tech high productive equipment hub (CHCs) upto Rs250.00 Lakh)	2 CHCs	Upto Rs.250.00 Lakh	100.00	500.00	200.00
Total		10 CHCs		100.00	2500.00	1000.00

iv. Promotion of Farm Mechanization in selected villages

The profitability of paddy cultivation and crops cultivation in dry land areas are very meager to the farming community and for which farmers prefer cash crops like Turmeric, Sugarcane, Plantation crops etc., One way of increasing the net income of the farmer is reducing the cost of cultivation. Agricultural Mechanization is an effective method to reduce the cost of cultivation considerably besides eliminating

the drudgery of farm operations. Promotion of suitable machinery for dry land and wet land cultivation by establishing farm machinery banks is imperative in low farm power availability districts where the farm power availability is less than 2.50 kW/Ha.

The crop specific machinery available in farm machinery banks is of immense use to the farming community and is established by the Cooperative Societies of farmers, Registered Farmers Societies, and Farmer Producer Organizations (FPOs) etc., The farmers groups should have a minimum of 8 members. The farm machinery bank possessed by the farmers groups use its machinery for hiring activity to the needy farmers in addition to their own use.

It is proposed to establish farm machinery banks (custom hiring centres) upto a project cost of Rs.10.00 Lakh each in 100 villages through the Cooperative Societies of farmers, Registered Farmers Societies, and Farmer Producer Organizations (FPOs) etc., on village basis, in low farm power availability districts as per Sub Mission on Agricultural Mechanization (SMAM) guidelines. Financial assistance of 80% of the project cost of Rs.8.00 Lakh will be provided to such farm machinery banks and for which the farmers groups should have minimum of 8 members. An amount of Rs.560.00 Lakh under General Category and Rs.240.00 Lakh under Special Component Plan for scheduled caste category amounting to a total amount of Rs.800.00 Lakh is required for establishing 100 village based farm machinery banks during the year 2021-22 under SMAM.

Sl No	Category	No.of Farm machinery banks at village level	Unit Cost (Rs.in Lakh)	Subsidy amount per Farm Machinery Bank (Rs.in Lakh)	Total Project Cost (Rs.in Lakh)	Total subsidy amount (Rs.in Lakh)
1	General Category	70 Nos	Upto Rs.10.00 Lakh	8.00	700.00	560.00
2	Special Component Plan for scheduled caste category	30 Nos		8.00	300.00	240.00
	Grand Total	100 Nos		8.00	1000.00	800.00

v. Administrative expenses

It is proposed to strengthen the State Agricultural Machinery Information Data Centre at Headquarters in the Agricultural Engineering Department by providing infrastructure facilities and for the purchase of computers, accessories, connectivity, tablet, GPS instruments and other software and hardware components besides constructing new buildings like Farmers Accommodation Centre for Agricultural Machinery Training network and Agricultural Engineering Extension Centres and also for Exposure visit to foreign country by a team of higher officials headed by the Agricultural Production Commissioner and Secretary to Government using the Administrative cost of Rs.329.23 Lakh to bring new technologies in the field of Agricultural Mechanization in Indian Agriculture and out of which the General

Category allocation is Rs.170.00 Lakh and Special Component Plan category allocation is Rs.159.23 Lakh.

The component wise budget requirement for General category and Special Component Plan category requirement for the 1st installment of Annual Action Plan of Sub Mission on Agricultural Mechanization for the year 2021-22 are as detailed below;

Sl. No	Description	Budget Requirement (Rs. in Lakh)		
		for General Category	for Special Component Plan Category	Total
1	Financial assistance for procurement of agricultural machinery and equipment	130.33	22.27	152.60
2	Establishment of Farm Machinery Banks for Custom Hiring	0	150.00	150.00
3	a. Hi-Tech High Productive Equipment Hub for Custom Hiring upto Rs.150.00 Lakh	600.00	0	600.00
	b. Hi-Tech High Productive Equipment Hub for Custom Hiring upto Rs.250.00 Lakh	800.00	200.00	1000.00
4	Promotion of Farm Mechanization in selected villages	560.00	240.00	800.00
5	Administrative cost	170.00	159.23	329.23
	Total	2260.33	771.50	3031.83

9. The Government in its Detailed Demand for grant in the Interim Budget for the year 2021-22 have given the fund provision under the Head of Accounts namely (DPC:2401-00-113-UB-31101) for an amount of Rs.13200.00 Lakh , under the Head of Account namely (DPC:2401-00-113-UC-31101) for an amount of Rs.8800.00 Lakh, under the Head of Accounts namely (DPC:2401-00-113-UB-30903) for an amount of Rs.132.00 Lakh, under the Head of Account namely (DPC:2401-00-113-UC-30903) for an amount of Rs.88.00 Lakh to General Category farmers, under Head of Account namely (DPC:2401-00-793-US-31101) for an amount of Rs.4440.00 Lakh, under the Head of Account namely (DPC: 2401-00-793-VO-31101) for an amount of Rs.2960.00 Lakh under the Head of Account namely (DPC:2401-00-793-US-30903) for an amount of Rs.52.20 Lakh and under the Head of Account namely (DPC:2401-00-793-VO-30903) for an amount of Rs.34.80 Lakh to SC Category farmers towards the implementation of "Sub Mission on Agricultural Mechanization" during the year 2021-22.The Budget provision available in Interim Budget BE 2021-22, the amount proposed in this proposal are furnished below;

Sl. No	Head of Accounts	BE-2021-2022 (Rs. in Lakh)	SMAM-2020-21 Revalidation G.O.(Ms) No.81 Agriculture (AE1) Department Dated: 01.06.2021 (Rs. in Lakh)	Kuruvai – Package – 2021- Govt Order (D) No.102 Agriculture and Farmers' Welfare (AP.1) Department, Dated: 18.06.2021.	SMAM-2021-22 for first instalment requirement proposed now (Rs. in Lakh)	Total Amount (Rs. in Lakh)
1	"2401-00- Crop Husbandry-113. Agricultural Engineering-Schemes shared between state and centre. UB-Sub Mission on Agricultural Mechanization-311-Subsidies-01-Individual based subsidy" (DPC:2401-00-113-UB-31101)"	13200.00	1167.306	277.80	1254.198	2699.304
	"2401-00- Crop Husbandry-113. Agricultural Engineering-Schemes shared between state and centre. UC -Sub Mission on Agricultural Mechanization-State Share -311-Subsidies- 01-Individual based subsidy" (IFHRMS DPC: 2401-00-113-UC-31101)	8800.00	778.204	185.20	836.132	1799.536
2	"2401-00- Crop Husbandry-113.Agricultural Engineering-Schemes shared between state and centre. UB-Sub Mission on Agricultural Mechanization -309-Grants in Aid - 03-Grants for specific Schemes"(DPC:2401-00-113-UB-30903)"	132.00	0	0	102.00	102.00
	"2401-00- Crop Husbandry-113.Agricultural Engineering-Schemes shared between state and centre. UC-Sub Mission on Agricultural Mechanization- State share-309-Grants in Aid - 03-Grants for specific Schemes" (DPC:2401-00-113-UC-30903)"	88.00	0	0	68.00	68.00
3	"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes shared between state and centre. US-Sub Mission on Agricultural Mechanization-311-Subsidies-01-Individual based subsidy (DPC:2401-00-793-US-31101)"	4440.00	317.868	77.10	367.362	762.33
	"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes shared between state and centre. VO-Sub Mission on Agricultural Mechanization- State Share-311-Subsidies-01-Individual	2960.00	211.912	51.4	244.908	508.22

Sl. No	Head of Accounts	BE-2021-2022 (Rs. in Lakh)	SMAM-2020-21 Revalidation G.O.(Ms) No.81 Agriculture (AE1) Department Dated: 01.06.2021 (Rs. in Lakh)	Kuruvai – Package – 2021- Govt Order (D) No.102 Agriculture and Farmers' Welfare (AP.1) Department, Dated: 18.06.2021.	SMAM-2021-22 for first instalment requirement proposed now (Rs. in Lakh)	Total Amount (Rs. in Lakh)
	based subsidy (IFHRMS DPC: 2401-00-793-VO-31101)					
4	"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes shared between state and centre. US-Sub Mission on Agricultural Mechanization-309-Grants in Aid - 03-Grants for specific Schemes (DPC:2401-00-793-US-30903)"	52.20	0	0	95.538	95.538
	"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes shared between state and centre. VO-Sub Mission on Agricultural Mechanization-State Share-309-Grants in Aid - 03-Grants for specific Schemes (DPC:2401-00-793-VO-30903)"	34.80	0	0	63.692	63.692
	Total	29707.00	2475.29	591.50	3031.83	6098.62

10. Hence, the Chief Engineer (Agricultural Engineering) has requested the Government to give administrative sanction and financial sanction for an amount of **Rs.3031.83** Lakh (General Category allocation is Rs.2260.33 Lakh and Special Component Plan allocation is Rs.771.50 Lakh) with the budget provision in the respective head of accounts towards the distribution of agricultural machinery mentioned under the component Financial Assistance for procurement of Agricultural Machinery and Equipment, Establishment of Custom Hiring Centre (Farm Machinery Banks for Custom Hiring), Hi-Tech, High Productive Equipment Hub for Custom Hiring, Promotion of Farm Mechanization in selected villages and Administrative Expenses under "Sub Mission on Agricultural Mechanization" during the year 2021-2022.

11. The Government, after careful examination of the proposal of Chief Engineer (Agricultural Engineering), accord administrative and financial sanction for an amount of Rs.30,31,83,000 (Rupees Thirty Crore Thirty One Lakh and Eighty Three Thousand only) (General Category – Rs.2260.33 lakh and Special Component Plan Category - Rs. 771.50 lakh) as first instalment after adjusting a sum of Rs. 591.50 lakh sanctioned for Kuruvai package towards distribution of agricultural machinery mentioned under the component Financial Assistance for procurement of Agricultural Machinery and Equipment, Establishment of Custom Hiring Centre (Farm Machinery Banks for Custom Hiring), Hi-Tech, High Productive Equipment Hub for Custom Hiring, Promotion of Farm Mechanization in selected villages and

Administrative Expenses under "Sub Mission on Agricultural Mechanization" during the year 2021-22.

12. The amount sanctioned in the paragraph 11 above, shall be debited under the following heads of accounts:-

General Category farmers - Rs.2260.33 Lakh

"2401-00- Crop Husbandry-113. Agricultural Engineering - Schemes Shared between State and Centre. UB-Sub Mission on Agricultural Mechanization-311-Subsidies- 01-Individual Based Subsidy"
(IFHRMS DPC: 2401-00-113-UB-31101) – **Rs.1254.198 Lakh**

"2401-00- Crop Husbandry-113. Agricultural Engineering- Schemes Shared between State and Centre. UC -Sub Mission on Agricultural Mechanization-State Share -311-Subsidies- 01-Individual Based Subsidy"
(IFHRMS DPC: 2401-00-113-UC-31101) – **Rs.836.132 Lakh**

"2401-00- Crop Husbandry-113. Agricultural Engineering- Schemes Shared between State and Centre. UB-Sub Mission on Agricultural Mechanization-309-Grants in Aid - 03-Grants for specific Schemes"
(IFHRMS DPC: 2401-00-113-UB-30903) - **Rs.102.00 Lakh**

"2401-00- Crop Husbandry-113. Agricultural Engineering- Schemes Shared between State and Centre. UC-Sub Mission on Agricultural Mechanization-State Share-309-Grants in Aid - 03-Grants for specific Schemes"
(IFHRMS DPC: 2401-00-113-UC-30903) - **Rs.68.00 Lakh**

Special component plan for scheduled caste farmers - Rs.771.50Lakh

"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes Shared between State and Centre. US-Sub Mission on Agricultural Mechanization-311-Subsidies- 01- Individual Based Subsidy
(IFHRMS DPC: 2401-00-793-US-31101) – **Rs.367.362 Lakh**

"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes Shared between State and Centre. VO-Sub Mission on Agricultural Mechanization- State Share-311-Subsidies- 01- Individual based subsidy
(IFHRMS DPC: 2401-00-793-VO-31101) - **Rs.244.908 Lakh**

"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes Shared between State and Centre. US-Sub Mission on Agricultural Mechanization-309-Grants in Aid - 03-Grants for specific Schemes
(IFHRMS DPC: 2401-00-793-US-30903) - **Rs.95.538 Lakh.**

"2401-00-Crop Husbandry- 793 Special Central Assistance for Scheduled Caste Component Plan - Schemes Shared between State

and Centre. VO-Sub Mission on Agricultural Mechanization-State Share-309-Grants in Aid - 03-Grants for specific Schemes (IFHRMS DPC: 2401-00-793-VO-30903) - **Rs.63.692 Lakh.**

13. The Chief Engineer (Agricultural Engineering) is permitted to draw and disburse the funds to the State Nodal Account (SNA) through Public Financial Management System (PFMS) as per the new procedure for release and utilization of funds of Centrally Sponsored Scheme (CSS) issued by Government of India and also to operate the projects under Sub Mission on Agricultural Mechanization (SMAM).

14. Necessary additional funds of Rs.72,24,000/- will be provided in RE / FMA 2021-2022. Pending provision of such funds, the Chief Engineer (Agricultural Engineering) is permitted to draw and disburse the amount sanctioned in para 11 above. However the above expenditure shall be brought to the notice of the Legislative Assembly by Specific Inclusion in the Supplementary Estimates 2021-2022. The Chief Engineer (Agricultural Engineering) is directed to include this expenditure while sending the Budget proposal for RE / FMA 2021-2022 and also sent necessary draft Explanatory notes for Specific Inclusion in the Supplementary Estimates 2021-2022 to Government in Finance (Agriculture and Farmers Welfare / BG-I) Department at the appropriate time without fail.

15. The Chief Engineer (AE), Agricultural Engineering Department is responsible for the technical and the quality control of the implementation of the project.

16. The Chief Engineer (Agricultural Engineering) is directed to follow the Government of India's guidelines of Sub Mission on Agricultural and Mechanization without any deviation.

17. The Chief Engineer (AE), Agricultural Engineering Department, Chennai is permitted to utilize the savings amount if any towards the distribution of any of the agricultural machinery mentioned under the component "Financial Assistance for procurement of Agricultural Machinery and Equipment" within the respective Head of Accounts.

18. The Chief Engineer (AE), Agricultural Engineering Department, Chennai is permitted to utilize the savings amount available if any under the component "Establishment of Custom Hiring Centre (Farm Machinery Banks for Custom Hiring)", "Hi-tech, High Productive Equipment Hub for Custom Hiring" and "Promotion of Farm Mechanization in selected villages" towards the establishment of additional Custom Hiring Centre (Farm Machinery Banks for Custom Hiring)", "Hi-tech, High Productive Equipment Hub for Custom Hiring" and "Promotion of Farm Mechanization in selected villages" respectively within the respective Head of Account.

19. The Chief Engineer (Agricultural Engineering), Agricultural Engineering Department, Chennai is permitted to utilize the savings amount available if any under the components "Establishment of Custom Hiring Centre (Farm Machinery Banks for Custom Hiring)", "Hi-tech, High Productive Equipment Hub for Custom Hiring", "Promotion of Farm Mechanization in selected villages" towards the distribution of any of the agricultural machinery namely Rice Transplanter, Baler, Power weeder and Combine Harvester to farmers within the respective Head of Accounts.

20. The Chief Engineer (AE), Agricultural Engineering Department, Chennai should not draw any amount in advance sanctioned under Administrative expenses and directed to incur the expenditure as and when the bill is presented for payment.

21. This order issues with the concurrence of Finance Department vide its U.O. No. 49005 / Finance (Agri & F.W) / 2021, Dated: 20.11.2021 and ASL No. 891 (Eight Hundred and Ninety One)

/BY ORDER OF THE GOVERNOR/

**C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT**

To

The Chief Engineer (Agricultural Engineering), Nandanam, Chennai - 35.
The Director of Agriculture, Chennai - 5.
The Director of Horticulture and Plantation Crops, Chennai - 5.
The Secretary to Government of India, Ministry of Agriculture and Farmers' Welfare,
Department of Agriculture, Co-operation and Farmers Welfare, New Delhi 110 001.
The Commissioner of Treasuries and Accounts, Chennai-15.
The Pay and Accounts Officer (South), Chennai-35.
The Treasury Officers / Sub Treasury Officers concerned.
The Principal Accountant General (G&SSA), Chennai-18.
The Principal Accountant General (E&RSA), Chennai-18.
The Deputy Accountant General / ES-I, Office of Accountant General (E&RSA),
Chennai - 18.

Copy to:

The Office of the Hon'ble Chief Minister, Chennai - 9.
The Senior Personal Assistant to Hon'ble Minister for Agriculture and Farmers
Welfare, Chennai - 9.
The Senior Personal Assistant to Hon'ble Minister for Finance and Human
Resources Management, Chennai - 9.
The Senior Private Secretary to Agricultural Production Commissioner and Secretary
to Government, Chennai - 9.
The Finance (Agri & F.W/BG I/BG II/W&M) Department, Chennai - 9.
The Agriculture and Farmers Welfare (OP3/B&P/AP1) Department, Chennai - 9.
The Assistant Programmer, Agriculture and Farmers Welfare Department,
Chennai-9.
Stock File / Spare Copies.

/FORWARDED BY ORDER/

A. Sundarajan
SECTION OFFICER

22/11/21

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