



Abstract

Agriculture - Agricultural Engineering Department (AED) – Watershed Development Programme under Drought Prone Area Programme (DPAP) / Integrated Watershed Development Programme (IWDP) and Integrated Watershed Management Programme (IWMP)- Pradhan Mantri Krishi Sinchayee Yojana – Watershed Development component (WDC) – Maintenance of Assets created using Machinery – Utilization of Watershed Development Fund (WDF) collected from the user groups – Fixation of hire Charges for the Newly purchased Agricultural Machinery – Orders – issued.

Agriculture (AE1) Department

G.O.(Ms).No.293

Date: 10.12.2020

திருவள்ளூர் ஆண்டு 2051

சார்வரி கார்த்திகை 25-ஆம் நாள்

Read:

1. G.O. (Ms) No.175 Agriculture (DPAP) Department Dated: 29.08.2019.
2. G.O. (Ms) No.42 Agriculture (DPAP) Department Dated: 13.02.2020.
3. From the Chief Engineer (Agricultural Engineering) letter No.T1/23782/2020, dated 17.09.2020.

ORDER:

In Government Order 1st read above, orders have been issued for the Maintenance of Assets created under Watershed Development Programme under Drought Prone Area Programme (DPAP) / Integrated Watershed Development Programme (IWDP) using Agricultural machinery by Agricultural Engineering Department (AED) by utilising a sum of Rs.19.93 Crore lying under Watershed Development Fund (WDF) collected from the user groups. Out of the total funds of Rs.19.93 Crore available, an amount of Rs.9.93 Crore is earmarked for the procurement of machinery / equipment.

2) In Government Order 2nd read above orders have been issued to utilize the Watershed Development Fund (WDF), Revolving Fund Recovery Amount and Funds of Consolidation phase under Integrated Watershed Management Programme (IWMP) to the tune of Rs.103 Crore for procurement of New Agricultural machinery / equipments by Agricultural Engineering Department for Maintenance of Watershed assets created and to increase the cropping area through mechanization. Out of the total funds of Rs.103 crore available, an amount of Rs.50 Crore was earmarked towards maintenance of watershed assets created under Integrated Watershed Management Programme (IWMP)/Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) – Watershed Development Component (WDC) and Rs.53 Crore was earmarked in order to increase the cropping area through mechanisation.

(P.T.O)

3) The Chief Engineer (Agricultural Engineering) has stated that based on the Government Orders the following machinery have been procured duly following the Tamil Nadu Transparency in Tender Act, 1998.

1. Crawler excavator – 10 Nos
2. Backhoe with Front end Loader – 60 Nos

i. Crawler excavator

Excavators (hydraulic) are heavy construction equipments consisting of a boom, dipper (or stick), bucket (a large shovel) and cab on a rotating platform known as the "house", usually with tracks or wheels. All movement and functions of a hydraulic excavator are accomplished through the use of hydraulic fluid, with hydraulic cylinders and hydraulic motors. As the name suggests, the excavator is used for excavating and lifting the material. This heavy machinery can move in a 360-degree radius around the machine to move material. The arm articulates out, left or right, and down via hydraulic pistons. The bucket, which can be swapped with several styles for different digging applications, moves vertically around its axis, bringing in material. It works for digging holes and trenches, depending on the job. This machine is very much essential for maintenance works of watershed assets.

ii. Backhoe with front end loader

The Backhoe with front end loader is a combination of a front loader and an excavator. A bucket at the front of the machine allows it to scoop up earth by backing over loose top soil with the tip of the bucket placed on the ground. On the back, an excavation unit consists of an arm and articulating bucket. This feature allows the operator to dig down and remove materials. The excavator can be fitted with different rear buckets for digging large holes, narrow trenches or gripping loose materials with a grappling hook, making it a versatile earth-moving machine. A backhoe can rotate 200 degrees side to side. Its front and back buckets can be used to excavate silted earth, load waste and drag debris towards the vehicle and load the desilted materials.

4) The Chief Engineer (Agricultural Engineering) has further stated that in Tamil Nadu, most of the farmers are small and marginal farmers, who have less investing capacity to purchase of machinery with high cost for different farming operations. During the peak season, the private hirer's hiring charges are of exorbitant value for which these farmers cannot afford. In order to assist small and marginal farmers who cannot afford to pay higher hire charges of private crawler excavator owners, these farm machinery are proposed to hire out to the needy farmers with nominal hire charges by Agricultural Engineering Department. **The above said machinery have been procured from the Watershed Development Fund (WDF) collected from the user groups.** Hence, these Agricultural Machinery and Implements are to be hired out to the needy farmers in IWMP watershed areas at subsidized hire charges. Compared to private hirers, usually the Agricultural Machinery and Implements are hired out at concessional rate by Agricultural Engineering Department (AED) which is much less than the hire charges of private hirers.

(P.T.O)

5) The Chief Engineer (Agricultural Engineering) has reported that at present, the hire charges for the machinery hired under Tractor hiring scheme and Minor irrigation scheme have been fixed by the Government. These machinery are hired to farmers by Agricultural Engineering Department (AED) at Government fixed nominal hire charges for the benefit of farming community. As per G.O (Ms) No.2174, Agriculture (AE-1) Department, Dated 24.9.1981, the Agricultural Engineering Department is not a profit earning department but a department providing service to farmers. The above said new machinery procured through the **Watershed Development Fund (WDF) collected from the user groups of IWMP watershed areas** are proposed to be hired to small and marginal farmers of the IWMP Watershed areas and this unprivileged farming community could not pay higher rates for their farming operations charged by the private hirers. The private hirers exorbitantly fix the hire charges based on the season and demand. Hence, it is crucial to fix nominal hire charges to these machinery to control private operators role. Further the hire charges fixed by Agricultural Engineering Department will be referred as Bench mark price for all district level development activities. Hence, the Chief Engineer (Agricultural Engineering) has proposed the nominal hire charges at the rate of 60% of the operational cost of above said machinery, since the Agricultural Engineering Department is rendering services to the poor and unprivileged farming community to improve their livelihood and Agricultural production.

6) Hence, the Chief Engineer (Agricultural Engineering) has requested to issue the orders to fix the hire charges for,

- i) Crawler Excavator – Rs.1440/- per hour.
- ii) Backhoe with front end loader – Rs.660/- per hour

Further Chief Engineer (Agricultural Engineering) has requested to permit him to revise the hire charges in accordance with the fluctuations in the cost of fuel and lubricants cost and cost of operating staff in future.

7) The Government, has proposed to accept the proposal of Chief Engineer (Agricultural Engineering) and issue orders on the following lines:-

- i. To fix the hire charges for the,
 - a) Crawler Excavator – Rs.1440/- per hour.
 - b) Backhoe with front end loader – Rs.660/- per hour
- ii. To permit the Chief Engineer (Agricultural Engineering) to revise the hire charges in accordance with the fluctuations in the cost of fuel and lubricants cost and cost operating staff in future.

8) The Chief Engineer (Agricultural Engineering) is directed that the hire charges collected from the farmers should be deposited as revenue receipt of the Government under the following receipt head of account:

"0401 – 00 –Crop Husbandry – 120 – Sale, Hire and Services of Agricultural Implements and machinery including Tractors – AB Tractor Hiring Scheme – 231 Receipt of Rent / Hire Charges / Lease – 21 Hire charges of Machinery & Equipments". (IFHRMS D.P.Code.0401-00-120-AB-23121).

(P.T.O)

9) The Chief Engineer (Agricultural Engineering) is instructed to consider to fix the hire charges not exceeding the 60% of the operational cost while revising the hire charges in future.

10) This orders issues with the concurrence of Finance Department vide its U.O. No. 40642/Fin(Agri)/2020, Dated: 23.11.2020.

/ By Order of the Governor /

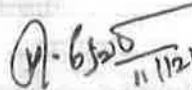

Gagandeep Singh Bedi
Agricultural Production Commissioner
and Principal Secretary To Government.

To
The Chief Engineer (Agricultural Engineering), Chennai-35.
The Director of Agriculture, Chennai-5
The Director of Horticulture & Plantation Crops, Chennai-5.
The Commissioner of Agricultural Marketing and Agri Business, Chennai-35.
The Registrar, Tamil Nadu Agriculture University, Coimbatore 3.
The Director of Seed Certification & Organic Certification, Coimbatore 13
The Pay and Accounts Officer (South), Chennai-35.
The Pay and Accounts Officer (East), Chennai-35.
The Principal Accountant General (E&RSA), Chennai 18.(by name)
The Principal Accountant General (G&SSA) Chennai-18.(by name)
All Treasury Officers

Copy to:

The Senior Personal Assistant to Hon'ble Minister (Higher Education & Agriculture)
Chennai- 9
The Private Secretary to Agricultural Production Commissioner and Principal
Secretary to Government, Chennai-9.
Finance (Agri/BG1) Department, Chennai-9
Agriculture (OP3) Department, Chennai-9
The Assistant Programmer, Agriculture Department, Chennai-9
Stock file/spare copies.

/Forwarded by Order/


11/12/2020
Section Officer

10/12/2020



Abstract

Agriculture – Agricultural Engineering – Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) – Har Khet Ko Pani (HKKP) – Ground Water Irrigation – Administrative Sanction for an amount of Rs.1019.84 lakh and Financial Sanction for an amount of Rs.611.90 lakh - Accorded – Orders – Issued.

Agriculture (AE.I) Department

G.O.(Ms).No. 137

Dated: 10.07.2020

திருவள்ளூர் ஆண்டு 2051

சார்வரி ஆனி 26-ஆம் நாள்

Read:

1. Government of India letter No.T-23011/2/2019-GW Scheme- Ministry of Water Resources, Ministry of Jal Shakti, Department of Water Resources, River Development & Ganga Rejuvenation , Ground Water Section, New Delhi dated 14.02.2020
2. Government of india letter No.F.No.T-23011/2/2019-GW Scheme, Ministry of Jal Shakti, Department of Water Resources, River Development & Ganga Rejuvenation, Ground Water Section, New Delhi dated 20.05.2020
3. Government letter No.1618/AE1/2019-13, dated 19.03.2020.
4. Chief Engineer(Agricultural Engineering) letter No.CADP2/ 1094/2019, dated 22.05.2020.

ORDER:

The Hon'ble Minister for Agriculture has made an announcement in the floor of assembly on 24.03.2020, for the construction of community bore wells, pumping arrangements for the benefit of farmers group comprising small, marginal, scheduled castes, scheduled tribes and woman farmers for an amount of Rs.10.00 crore.

2) Subsequently Memorandum of Understanding has been signed between Department of Water Resources, RD&GR, Ministry of Jal Shakti and Government of Tamil Nadu and compliance report for the implementation of Ground Water Irrigation scheme, under PMKSY-HKKP, for an amount of Rs.10.19 crore (Central Share – Rs.6.12 crore and State Share – Rs.4.08 crore) has been sent to Government of India, for approval and early release of Central assistance.

(P.T.O)

3) In the letter 1st read above the Government of India have accord the administrative approval for an amount of Rs.10.19 crore (Central Share as Rs.6.12 crore and State Share as Rs.4.08 crore) for construction of 166 wells under **Pradhan Mantri Krishi Sinchayee Yojana – Har Khet Ko Pani- Ground Water Irrigation** to be implemented on community basis in 47 firkas of 13 districts in Tamil Nadu based on the Revised operational guidelines issued by the Government of India with the sharing pattern of Centre: State as 60:40. The CE(AE) has reported that the above administrative approval was obtained after the scrutiny of the detailed project reports of 13 districts by the Central Ground Water Board, Chennai.

4) Now, Government of India in its letter 2nd read above, have released an amount of Rs.367.14 lakh as the first installment for the year 2020-2021 towards the grant under Pradhan Mantri Krishi Sinchayee Yojana – Har Khet Ko Pani - Ground Water Irrigation. The corresponding matching share of State Government for the central release is Rs.244.76 lakh which amounts to the sum of Rs.611.90 lakh as first installment for the year 2020-2021.

5) The Chief Engineer(Agricultural Engineering) has stated that since Kancheepuram district was bifurcated as Kancheepuram and Chengalpattu on 12.11.2019 and the proposed taluk of Madurantagam falls in Chengalpattu district, the district proposed in this proposal is Chengalpattu instead of Kancheepuram. Also, Villupuram district was bifurcated on 12.11.2019 as Villupuram and Kallakuruchi districts and the proposed taluks of Kallakuruchi, Sankarapuram and Ulundurpet are in Kallakuruchi district and Mailam taluk in Villupuram district. The following project components are proposed by Chief Engineer(Agricultural Engineering), to be implemented in 14 districts.

- Geo physical and Geological survey.
- Construction of ground water abstraction structures – Bore well / Open well / Tube well.
- Pumping System –Solar / Electric pumping system.
- Electric power supply up to the well from nearby substation in case of electrical pumping system without electrical supply.
- Water Distribution Pipe

6) The Chief Engineer(Agricultural Engineering) has stated that the project is proposed to be implemented in 14 districts viz., Ariyalur, Cuddalore, Krishnagiri, Kanyakumari, Chengalpattu, Madurai, Pudukottai, Ramanathapuram, Salem, Sivagangai, Tiruvallur, Virudhunagar, Villupuram and Kallakuruchi in 47 safe firkas with the Stage of Ground Water Development (SOD) not more than 60% in 118 clusters for the benefit of small and marginal farmers as per the component wise, district wise Programme 2020-2021, indicated at Annexure II to this order, the fund allocation details are indicated at Annexure I to this order.

(P.T.O)

7) The Chief Engineer (Agricultural Engineering) has reported that he may be permitted to interchange the allocation within the proposed districts based on the requirement at the fields without exceeding the overall cost norms. The cost of the pumping units (Solar/ Electrical) shall be adopted based on the cost norms for the existing schemes implemented by the Agricultural Engineering Department at the time of execution.

8) Hence, the Chief Engineer(Agricultural Engineering) has requested to accord administrative sanction for Rs.1019.00 lakh and financial sanction for an amount of **Rs.611.90 lakh** (Central Share as Rs.367.14 lakh and State Share as Rs.244.76 lakh) for implementing the scheme of "Ground Water Irrigation" under Pradhan Mantri Krishi Sinchayee Yojana – Har Khet Ko Pani during the year 2020-2021 as per the component wise, District wise Programme indicated as per the Annexure II to this order.

9) The Government after careful consideration, hereby accord administrative sanction for Rs.1019.00 lakh and financial sanction for an amount of **Rs.611.90 lakh** (Central Share - Rs.367.14 lakh and State Share - Rs.244.76 lakh) for implementing the scheme of "Ground Water Irrigation" under Pradhan Mantri Krishi Sinchayee Yojana – Har Khet Ko Pani during the year 2020-2021, as per the component wise, District wise allocation indicated in the Annexure II to this order.

10) The expenditure sanctioned in para 9 above shall be debited to the following head of Account:-

"2402-00-Soil and Water Conservation-102-Soil Conservation-Schemes shared between State and Centre - UV Water to every farm (Har Khet Ko Pani) under the scheme of Ground water irrigation – PMKSY- 311 subsidies - 01 Individual Based Subsidy"

(IFHRMS DPC 2402-00-102-UV - 31101)

(OLD DPC: 2402 – 00 – 102 – UV – 1118)

11) The Chief Engineer (Agricultural Engineering) is authorized to draw and disburse the amount sanctioned in para 9 above.

12) The Chief Engineer(Agricultural Engineering) is permitted to interchange the allocation within the proposed districts based on the requirement at the fields without exceeding the overall cost norms. The cost of the pumping units (Solar/ Electrical) shall be adopted based on the cost norms for the existing schemes implemented by the Agricultural Engineering Department at the time of execution.

13) The Chief Engineer (Agricultural Engineering) is requested to follow the guidelines while implementing this scheme.

14) The Chief Engineer(Agricultural Engineering) is directed to send monthly, quarterly and annual progress reports on the Physical and Financial achievement of Scheme regularly to Government.

(P.T.O)

15) This orders issues with the concurrence of the Finance Department vide its U.O. No. 18010/Fin(Agri)/2020, dated:09.07.2020.

/ By Order of the Governor /

Gagandeep Singh Bedi
Agricultural Production Commissioner
and Principal Secretary To Government

To
Chief Engineer (Agricultural Engineering), Chennai-35.
Director of Agriculture, Chennai-35,
Executive Director, Tamil Nadu Watershed Development Agency, Chennai-35.
Director (GW), Government of India, Ministry of Jal Shakti, Department of
Water Resources, River Development and Ganga Rejuvenation, (Ground Water
Section) Shram Shakti Bhawan, Rafi Marg, New Delhi-110 001.
The Accountant General (G&SSA)&(E&RSA), Chennai-18.
The Accountant General, Chennai-18/By name
The Pay and Accountants Officer, Chennai-5
All Treasury Officers Concerned.

Copy to

The Senior Personal Assistant to Minister of Agriculture, Chennai-9,
The Senior Private Secretary to Agricultural Production Commissioner and Principal
Secretary to Government, Chennai-9
Finance/Public Works Department, Chennai-9.
Assistant Programmer, Agricultural Department, Chennai-9,
Agriculture OP3/DPAP Department, Chennai-9
Stock file/Spare file

/Forwarded by Order/


10/7/2020
Section Officer

ms
10/7/20

G.O.(Ms).No.137, Agriculture (AE1) Department, Dated: 10.07.2020

Annexure I

Agricultural Engineering Department

PMKSY-HKGP-Ground Water Irrigation Scheme

District wise fund allocation for the year 2020-21

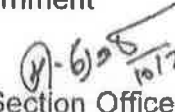
(Rs in Lakh)

SI No	District	Safe Firkas identified in Nos.	Clusters identified in Nos.	Wells proposed in Nos				Total Amount required	First instalment amount now allotted for 2020-21
				Tube wells	Bore wells	Dug wells	Total		
1	Ariyalur	4	9	9			9	58.95	32.75
2	Cuddalore	2	10	10			10	65.50	45.85
3	Krishnagiri	2	2		4		4	18.60	13.95
4	Kanyakumari	1	2	2			2	13.10	6.55
5	Chengalpattu	1	4	8			8	52.40	32.75
6	Madurai	1	4		9		9	41.85	23.25
7	Pudukottai	3	5	5			5	32.75	19.65
8	Ramanathapuram	8	26	26			26	170.30	104.80
9	Salem	1	6		12		12	55.80	32.55
10	Sivagangai	10	17	22			22	144.10	85.15
11	Tiruvallur	7	19	35			35	229.25	137.55
12	Virudhunagar	3	4		10		10	46.50	27.90
13	Kallakuruchi	3	7		10	1	11	52.75	25.05
14	Villupuram	1	3			3	3	27.90	18.60
	Total	47	118	117	45	4	166	1009.75	606.35
	Administrative cost							10.09	5.55
	Grand Total							1019.84	611.90

Gagandeep Singh Bedi

Agricultural Production Commissioner and
Principal Secretary to Government

/True Copy/


 10/7/2020
 Section Officer
 10/14/20

Agricultural Engineering Department
PMKSY-HK3-Ground Water Irrigation Scheme

Component wise District wise programme for the year 2020-2021

(Rs.in lakh)

S No	District	Safe Firkas identified in Nos.	Clusters identified in Nos.	Wells proposed	Geophysical survey		Tubewell		Bore well		Open well		Solar		Electrical		Power supply line		Conveyance pipe in m		Amount
					Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
1	Anyalur	4	9	9	5	0.50	5	18.00							5	3.75	5	12.50	5	1.00	32.75
2	Cuddalore	2	10	10	7	0.70	7	21.00							7	5.25	7	17.50	7	1.40	45.85
3	Krishnagiri	2	2	4	3	0.30			3	3.30					3	2.25	3	7.50	3	0.60	13.95
4	Kanyakumari	1	2	2	1	0.10	1	3.00					1	3.25					1	0.20	6.55
5	Chengalpattu	1	4	8	5	0.50	5	15.00					5	16.25					5	1.00	32.75
6	Madurai	1	4	9	5	0.50			5	5.50			5	16.25					5	1.00	23.25
7	Pudukkottai	3	5	5	3	0.30	3	9.00					3	9.75					3	0.60	19.65
8	Ramanatha puram	8	26	26	16	1.60	16	48.00					10	32.50	6	4.50	6	15.00	16	3.20	104.8
9	Salem	1	6	12	7	0.70			7	7.70			7	22.75					7	1.40	32.55
10	Sivagangai	10	17	22	13	1.30	13	39.00					13	42.25					13	2.60	85.15
11	Tiruvallur	7	19	35	21	2.10	21	63.00					21	68.25					21	4.20	137.55
12	Virudhunagar	3	4	10	6	0.60			6	6.60			3	9.75	3	2.25	3	7.50	6	1.20	27.9
13	Kalakkunuchi	3	7	11	6	0.60			6	6.60			3	9.75	3	2.25	3	5.25	3	0.60	25.05
14	Villupuram	1	3	3	2	0.20					2	13.00			2	1.50	2	3.50	2	0.40	18.6
	Grand Total	47	118	166	100	10.00	71	213.00	27	29.70	2	13.00	71	230.75	29	21.75	29	68.75	97	19.40	606.35
																					5.55
																					611.90

Administrative cost

Grand Total

Gagandeep Singh Bedi
Agricultural Production Commissioner and Principal
Secretary to Government

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Section Officer

10/17/2020
10/17/20

