

TH(1) 11204/20

Directorate of Agricultural
Development and Farmer Welfare
Thiruvananthapuram
Dt 13/07/2020

CIRCULAR

Sub:- Annual plan 2020-21-**Manpower Support to the Tissue Culture Labs of BMFC Kazhakuttom, Thiruvananthapuram, DAF Anchal Kollam** under the Scheme "Production and Distribution of Quality Planting Materials" - Working Instruction - Issued -reg.

Ref : 1. G O(Rt) No. 803/2017 AD dtd 19/08/2017
2. Order No. ADFW/489/2020-TP2 dt 15.6.20 of Director of Agricultural Development and Farmers Welfare Department, Thiruvananthapuram

Administrative Sanction has been accorded for the implementation of the component "Man power Support to the Tissue Culture Labs of BMFC, Kazhakuttom and District Agricultural Farm, Anchal, in the Scheme "Production and Distribution of quality planting Materials" Rs. 15.00 lakhs has been earmarked for this component under the **H/A : 2401-00-104-91 plan** during 2020-21. The objective of this project is to provide manpower support to the two existing Tissue Culture Laboratories under the Department of Agriculture at BMFC, Kazhakuttom, & District Agricultural Farm, Anchal . Additional manpower support is to be provided for the full utilization of the production capacity of these two tissue culture labs.

1 . Tissue Culture Lab – DAF, Anchal, Kollam

The targeted production of tissue culture plantlets for 2020-21 is 4 lakhs with the additional provision mentioned below. The additional manpower required for the full capacity utilization of the lab is 7 tissue culture Technicians, one Scientist, an electrician cum A/C Mechanic and one housekeeper for maintaining the lab.

a. Scientist :-

One scientist will be posted to solve the technical problems that will periodically arise in the laboratory. The sub culture stage, the sub culture media, concentration of hormones etc should be supervised by the scientist. A person having BSc (Agri) / MSc Biotechnology with minimum 5 years experience in tissue culturing of banana is to be engaged as scientist on a consolidated pay of Rs. 30000/- per month. Planning, supervision and monitoring of all the activities in the lab is will be done by the Scientist. The service of the scientist is proposed for two months and is for the critical periods of production process for the technical guidance.

b. Tissue Culture technicians:-

In order to overcome the shortages of tissue culture technician to assist the TC subculture work, media preparation, hardening etc., 7 tissue culture Technicians having VHSE (Agri)/ +2 pass with Biology and having 6 months experience in TC Lab is appointed in a consolidated salary of Rs. 9000/month.

c. Electrician cum A/c Mechanic :

Maintenance of electrical equipments in the lab and maintenance of A/C unit etc. is to be done by the Electrician cum A/C Mechanic.

A consolidated pay of Rs. 9000/- per month will be provided to him.

d. House Keeper:

The duties of the house keeper is to maintain the cleanliness of the lab, utensils and lab cloths etc, person with VHSE (Agri) +2 pass is to be engaged with a consolidated pay of 9000/- per month.

Abstract of DAF Anchal is as follows

| Sl No | Category | Rate (Rs / month) | No of Months | Total (Rs in lakhs) |
|-------|-------------------------------|-------------------|--------------|------------------------------------|
| 1 | Scientist -1 No | 30000 | 2 | 0.6 |
| 2 | TC Technicians -7 Nos | 9000 | 7 | 4.41 |
| 3 | Electrician/ AC Mechanic-1 No | 9000 | 3 | 0.27 |
| 4 | House Keeper-1 No | 9000 | 9 | 0.81 |
| | Total | | | 6.09 (limited to 5.00 lakh) |

**2. Biotechnology & Model Floriculture Centre,
Kazhakuttom, Trivandrum**

It is targeted to produce 13.50 lakhs tissue culture plantlets during 2020-21 for which additional manpower (Tissue culture technicians) of 2090 mandays will be provided @ 350/manday. An amount of Rs.10.15 lakhs (rounded to Rs 10.00lakhs) is set apart for the purpose. The remaining portion of the labour requirement can be met from the funds of other plan schemes. The required manpower to the lab may be made available by engaging persons on contract basis or on a consolidated remuneration.

The total financial allocation for meeting the manpower requirement of the two Tissue culture Laboratories is summarized below.

Financial outlay

The total financial allocation to meet the manpower requirement in the 2 TC labs are summarized below.

| Sl. No. | Name of TC Lab | Amount (Rs. In Lakhs) |
|----------------|--|------------------------------|
| 1 | Tissue culture Lab at DAF, Anchal, Kollam | 5.00 |
| 2 | Biotechnology & Model Floriculture Centre, Kazhakuttom, Trivandrum | 10.00 |
| | Total | 15 lakhs |

Details of physical targets for production of TC Plantlets 2019-20

| Sl. No. | Name of Lab | No/ Quantity |
|----------------|---|-----------------------|
| 1 | TC Lab in DAF, Anchal, Kollam | 4 lakhs |
| 2 | TC Lab in BMFC, Kazhakuttom, Trivandrum | 13.50 lakhs |
| | TOTAL | 17.5 lakhs Nos |

An amount of Rs. 15.00 lakhs has been earmarked for meeting expenses for Manpower support to the Tissue Culture Labs BMFC, Kazhakuttom, TVM & District Agricultural Farm Anchal, Kollam . Expenditure under this components should be met from the head of Account **2401-00-104-91** plan.

Monitoring


Joint Director of Agriculture (Farms) will be the implementing officer at state level. Additional Director of Agriculture (Farms) will monitor the implementation of the scheme at state level. Deputy Director of Agriculture (YP) will be the implementing officer at District level and Principal Agricultural Officer should monitor the scheme effectively in each district. Reporting and official correspondence in respect of this scheme should be made to the email.id (**agrifarmsth@gmail.com**) The Deputy Director of Agriculture who is in charge will submit a detailed progress report to the Additional Director of Agriculture(Farms) on or before 5th of every month.

Sd/-
Director of Agriculture

To,
The Principal Agriculture Officers
Thiruvananthapuram & Kollam

Copy to:

All Additional Directors of Agriculture
BMFC, Kazhakuttom, Thiruvananthapuram
DAF Anchal, Kollam.
Planning Sn.
TA to DA
DDA, IT Cell for publishing in website
Stock File


Joint Director of Agriculture (Farms)
Directorate of Agriculture Development
& Farmer's Welfare Department
Vikas Bhavan, TVPM - 33