

**PROCEEDINGS OF THE DIRECTOR OF AGRICULTURE, DIRECTORATE OF  
AGRICULTURE DEVELOPMENT AND FARMERS' WELFARE,  
VIKAS BHAVAN, THIRUVANANTHAPURAM**

**(Present : A.M.Sunil Kumar)**

Sub: Annual Plan 2018-19 – **Scheme on Modernization of Department Laboratories -**  
Continuous Administrative sanction accorded – orders issued- reg:

Read: 1) G.O.(Rt) No. 911/17/AD dt 23-9-2017.  
2) G.O.(Rt) No. 951/17/AD dt 06-10-2017.  
3) Annual Plan 2018-19

**Order No. TP (2) 7461/2018**

**Dated: 04.05.2018**

Government of Kerala, vide order read 1<sup>st</sup> and 2<sup>nd</sup> above accorded Administrative sanction for the implementation of the scheme, “**Modernization of Department Laboratories** during the year 2017-18 for a total amount of Rs 600.00 lakhs, as shown below.

**(Amount (Rs. in lakhs)**

| Sl. No. | Component  | G.O.(Rt) No. 911/17/AD dt 23-9-2017 | G.O.(Rt) No. 951/17/AD dt 06-10-2017. |
|---------|--|-------------------------------------|---------------------------------------|
| 1       | <b>Strengthening of Biotechnology &amp; Model Floriculture Centre, Kazhakuttom</b>   | 125.00                              |                                       |
| 2       | <b>Strengthening of Bio-Control Laboratory, Mannuthy Thrissur</b>  | 87.00                               |                                       |
| 3       | <b>Strengthening of Existing Laboratories</b>  |                                     |                                       |
| a       | Strengthening of Soil Testing Laboratories   | 116.665                             |                                       |
| b       | Strengthening of Quality Control labs of Fertilisers, Pesticides, Organic manures & Biofertilisers and agro based products |                                     |                                       |
| i)      | Strengthening of State Pesticide Testing laboratory, Thiruvananthapuram  | 25.00                               |                                       |
| ii)     | Strengthening of Fertilizer Quality Control Laboratory at Trivandrum and Palakkad  | 11.00                               |                                       |
| iii)    | Commissioning of BOQCL, Pattambi   | 5.00                                |                                       |
| iv)     | Strengthening of seed testing laboratories, Thiruvananthapuram and Alappuzha   | 14.00                               |                                       |

|          |  |               |              |
|----------|--|---------------|--------------|
| v)       | Strengthening of State Agmark Grading laboratories   | 30.00         |              |
| vi)      | Drawal of samples for quality analysis   | 20.00         |              |
| vii)     | Constitution of a Quality Control Enforcement Wing under Department of Agriculture to enforce the statutory regulations on fertilisers, pesticides and seeds | 38.435        |              |
| c        | Strengthening of bio fertilizer laboratory Trivandrum and Pattambi   | 27.00         |              |
| d        | Strengthening of Parasite Breeding Stations  | 0.90          |              |
| <b>4</b> | <b>Establishment of New Laboratories</b>   |               |              |
| i)       | Establishment of an Integrated Fertiliser Quality Control laboratory for Fertilisers, Biofertilisers and Organic Manures (IFQCL) (work initiation)           | 30.00         |              |
| ii)      | Establishment of an Integrated Pesticide Quality Control laboratory for Inorganic, Organic and Bio Pesticides (IPQCL) (work initiation)                      | 30.00         |              |
| <b>5</b> | <b>Operational expenses and man power support</b>  |               | 40.00        |
|          | <b>TOTAL</b>   | <b>560.00</b> | <b>40.00</b> |

As per the Annual Plan 2018-19, the scheme is proposed to be implemented during the current financial year with a budget allocation of Rs.800.00 lakhs. Component wise breakup is as follows.

| Sl. No. | Component  | Amount (Rs.in lakh) |
|---------|--|---------------------|
| 1       | Strengthening of BMFC, Kazhakuttom   | 125.00              |
| 2       | Strengthening of State Bio control lab, Mannuthy   | 125.00              |
| 3       | Strengthening of laboratories  | 250.00              |
| 4       | Operational expenses and manpower support  | 40.00               |
| 5       | Establishment of Integrated Fertilizer Quality control Lab(IFQCL) and Integrated Pesticide Quality Control Lab (IPQCL) | 160.00              |
| 6       | Quality Control Enforcement Wing ( new)  | 100.00              |
|         | <b>Total</b>   | <b>800.00</b>       |

Out of this, components worth Rs 525.00 lakhs will be continued during 2018-19 abiding by the norms and conditions of the Government Orders read above. Detailed programme is furnished below.

## 1. Strengthening of Biotechnology and Model Floriculture Centre (BMFC), Kazhakootam (Rs.125.00 lakhs)

Micro propagation or tissue culture is an ideal tool for the large scale production and propagation of plants within a reasonably short period of time, irrespective of climatic conditions. Tissue culture plants retain all characteristics of the mother plant and have uniform growth and so farmers can plan the planting time as per market requirement. Since tissue culture plantlets are produced after virus indexing, the susceptibility to virus attack is minimum. The Biotechnology and Model Floriculture Centre (BMFC), Kazhakootam is involved in the mass multiplication and distribution of plantlets of different varieties of banana, pepper, orchids, anthurium, foliage plants and other ornamental plants through tissue culture technique. They are also engaged in standardizing protocols for other crops including medicinal plants and conducting training programmes.

During the current financial year, it is targeted to produce 15 lakh culture plantlets as follows.

| Sl. No | Name of Crop         | Targeted production (No. of plantlets) |
|--------|----------------------|--|
| 1      | Banana               | 13 lakhs                               |
| 2      | Orchids & Anthuriums | 1.50 lakhs                             |
| 3      | Medicinal Plants     | 0.50lakhs                              |

In addition to this, conventional production of 50000 numbers of ornamental plants is also envisaged.

In order to achieve the above target, it is proposed to strengthen the activities of BMFC during 2018-19 with the following interventions, utilizing an amount of **Rs.125.00 lakhs**.

| Sl. No. | Items  | Amount (Rs. in lakhs) |
|---------|--|-----------------------|
| 1       | Purchase of Tissue culture chemicals, hormones, lab hygiene items, fumigation items etc. for media preparation   | 8.63                  |
| 2       | Purchase of surgical, sealing and labelling items, glassware, lab ware, lab coat, uniform and other miscellaneous items. Purchase of routine items for maintaining perfect aseptic condition in the lab  | 22.43                 |
| 3       | Establishment of additional infrastructural facilities and purchase of modern equipments for augmenting the production capacity including power generator, electronic precision balances, pH meter, AC units, air curtains, shakers, pressure modules and other lab equipments and civil works | 21.38                 |

|    |   |               |
|----|---|---------------|
| 4  | Procurement of mother plants  | 2.00          |
| 5  | Hardening of TC plants – media, plastics, tools & implements etc.   | 10.23         |
| 6  | Repair and maintenance of equipments, electrical installations, vehicle, generator, poly houses & green houses, fuel for generator, AMC for equipments etc. | 23.35         |
| 7  | Training to tissue culture technicians and related topics   | 8.50          |
| 8  | Virus Indexing of TC plants – chemicals, equipments, antibodies etc.  | 1.76          |
| 9  | Conventional seedling production & campus beautification  | 3.72          |
| 10 | Operational expenses including hiring of manpower – technical (TCT) and non technical (Kudumbasree), security support etc.                                  | 23.00         |
|    | <b>Total</b>  | <b>125.00</b> |

**2. Strengthening of State Bio Control Laboratory (SBCL), Mannuthy, Thrissur (Rs.125.00 lakhs)**

Biological control is the best eco-friendly method of pest management. Use of bio-pesticides, releasing of predators and parasites and fungal/bacterial pathogens of pests are done in bio-control of pests. The State Bio Control Laboratory (SBCL) established in the year 2000 is involved in the mass production of biocontrol agents such as *Pseudomonas fluorescens*, *Trichoderma viride*, *Trichocards*, *Beauveria*, *Verticillium*, Chitin enriched *Pseudomonas fluorescens*, etc in liquid and talc formulations. Recently the lab has started the mass production of biocontrol agents such as Entomo Pathogenic Nematodes (EPN), *Pochonia*, *Bacillus thuringiensis* (BT) and liquid formulation of *Beauveria*.

These products have become very popular among the farmers and the demand is often higher than the production capacity of the lab. To augment the production of bio-control agents, the following activities are envisaged.

| Sl. No. | Particulars                             | Amount (Rs in lakhs) |
|---------|---|----------------------|
| 1       | Organic growth materials                | 2.77                 |
| 2       | Raw material, chemicals, glasswares     | 14.38                |
| 3       | Polythene covers, plastic basins        | 2.73                 |
| 4       | Packing and labeling expenses           | 26.70                |
| 5       | Miscellaneous and recurring expenses    | 25.00                |
| 6       | Electrical and electronic items         | 4.93                 |
| 7       | Servicing of equipments and machineries | 9.99                 |
| 8       | Machineries                             | 34.50                |
| 9       | Civil Works                             | 4.00                 |
|         | <b>Total</b>                            | <b>125.00</b>        |

An advisory committee will be set up for providing necessary technical guidance for the efficient functioning of the laboratory.

### 3. Strengthening of existing laboratories (Rs 235.00)

#### a) Strengthening of soil testing laboratories (Rs.125.00 lakhs)

It is proposed to strengthening of activities of the Central Soil & Plant Health Centre, Thiruvananthapuram, 14 district soil testing laboratories and 9 mobile soil testing laboratories of the state for the analysis of major, secondary and micro nutrients and facilitate the timely issue of soil health cards under the NMSA scheme. The strengthening includes purchase of modern equipments, replacement of old equipments, repair of equipments, purchase of glasswares and chemicals, AMC for laboratory equipments, purchase of filter paper, refilling of gas cylinders, enhancing infrastructural facilities of the laboratories etc..

Pooled purchase of equipments, chemicals and other essential inputs required for various labs as per approved action plan will be done by the Chief Soil Chemist, CSPHC, Parotukonam. Activities such as repair, AMC of equipments/ instruments/ machineries / other hardwares etc in each lab will be taken care of by the Assistant Soil Chemists of the labs concerned.

The requirement of funds for various labs for 2018-19 is as follows.

| Sl. No | Name of laboratory  | Purpose  | Amount (Rs in Lakhs) |
|--------|---|--|----------------------|
| 1      | Central Soil and Plant Health Cente (CSPHC), Parottukonam, Thiruvananthapuram | Pooled purchase of laboratory equipments & chemicals, glasswares, filter paper, polythene wares etc for meeting the requirement of CSPHC and other soil testing labs and other need based purchases, purchase of postage stamps, hiring of vehicles, POL, etc. | 69.67                |
| 2      | District Soil Testing Labs and Mobile Soil Testing Labs                       | Repair, Annual Maintenance Contract (AMC)  | 29.65                |
|        |   | Infrastructure development including refilling of gas cylinders, repair and maintenance of computers, need based purchases etc.  | 25.68                |
|        | <b>Total</b>  |  | <b>125.00</b>        |

Purchases have to be effected abiding by the procedure, norms and rules applicable for Government purchases.

An amount of **Rs.125.00 lakhs** is proposed for the strengthening of these laboratories.

b) Strengthening of State Pesticide Testing Laboratory, Thiruvananthapuram for Quality Control of Pesticides (Rs 47.00 lakhs)

In this laboratory, quality analysis of the pesticides samples is carried out. The samples are received through insecticide inspectors as part of department scheme on quality control. Moreover, the PP chemicals purchased for department purposes are also analysed. Samples from private institutions are also analysed by charging fee as fixed by the Govt of India. All analytical procedures are carried out as per BIS specifications and technical guidelines issued by the Central Insecticides Laboratory. The Standard Operating Procedures are periodically updated as per BIS norms.

The State Pesticide Testing Laboratory requires funds for the purchase of chemicals, glasswares, certified reference materials, maintenance and purchase of equipments, updating of operating procedures as per BIS standards, upgradation of infrastructure facilities, NABL accreditation process, repair & maintenance etc. An amount of **Rs 47.00 lakhs** is set apart during this current year's budget for carrying out the routine activities of the lab and for infrastructure development as follows, with flexibility for interchanging the financial provision of different components, within the total provision.

| Sl. No. | Particulars   | Amount (Rs in lakhs) |
|---------|---|----------------------|
| 1       | Purchase of chemicals / reference materials   | 20.00                |
| 2       | Purchase of glasswares  | 1.35                 |
| 3       | Maintenance and purchase of equipments  | 12.00                |
| 5       | NABL accreditation including updation of operating procedures, renewal of subscriptions etc   | 5.00                 |
| 6       | Infrastructure development including disposal of remnant samples and hazardous wastes, purchase of furniture and other miscellaneous expenses | 8.65                 |
|         | <b>Total</b>  | <b>47.00</b>         |

c) Strengthening of Fertilizer Quality Control Laboratories at Thiruvananthapuram and Palakkad (Rs.17.00 lakhs)

These laboratories conduct quality analysis of fertilizer samples received through fertilizer inspectors, as part of the quality control scheme of the department. Provision is also there for the analysis of outside samples from public and other institutions. Referee samples from other States and check samples from Govt. of India are also analysed in these laboratories. Samples are analysed both by conventional and instrumental methods as per Fertiliser (Control) Order 1985. The analyzing capacity of each FQCL is 2500 samples per annum. The samples from Thiruvananthapuram to Ernakulam are analysed in FQCL Thiruvananthapuram and those from Thrissur to Kasargod are analysed in FQCL Pattambi. Funds have to be provided for the basic activities of these laboratories

such as purchase of chemicals and glasswares, maintenance of old equipments & purchase of modern equipments, upgradation of infrastructure facilities, including repair & maintenance etc.

An amount of **Rs.7.00 lakhs** is set apart for the FQCL, Thiruvananthapuram and **Rs.10.00 lakhs** is set apart for the FQCL, Palakkad for the following activities, with flexibility for interchanging the financial provision of different components, within the total provision in a need based manner.

| Sl. No. | Particulars   | FQCL, Thiruvananthapuram | FQCL, Pattambi | Amount (Rs in lakhs) |
|---------|---|--------------------------|----------------|----------------------|
| 1       | Purchase of chemicals   | 1.50                     | 0.50           | 2.00                 |
| 2       | Purchase of glasswares  | 1.00                     | 0.50           | 1.50                 |
| 3       | Purchase of equipments, repair / maintenance of equipments and machineries including AMC/CMC, other need based purchases including computers and accessories etc. | 4.35                     | 1.50           | 5.85                 |
| 4       | Upgradation of infrastructural facilities, including maintenance and electrical works   |                          | 7.20           | 7.20                 |
| 5       | Miscellaneous expenses  | 0.15                     | 0.30           | 0.45                 |
|         | <b>TOTAL</b>  | <b>7.00</b>              | <b>10.00</b>   | <b>17.00</b>         |

d) Commissioning of Biofertiliser and Organic Manures Quality Control Laboratory at Pattambi (Rs.6.00 lakhs)

Construction of the building of Biofertiliser and Organic Manures Quality Control Laboratory at Pattambi sanctioned as per G.O.(Rt) No. 1600/14/AD dt.29/8/2014, has been completed and purchase of the required equipments is in progress. During the current financial year, an amount of **Rs.6.00 lakhs** is earmarked for the following activities so as to make the laboratory fully functional, with flexibility for interchanging the financial provision of different components, within the total provision, in a need based manner.

| Sl. No. | Particulars   | Amount (Rs in lakhs) |
|---------|---|----------------------|
| 1       | Purchase of chemicals & glasswares and maintenance of equipments (AMC/CMC)etc | 1.50                 |
| 2       | Infrastructure and allied works   | 4.20                 |
| 3       | Miscellaneous expenses  | 0.30                 |
|         | <b>TOTAL</b>  | <b>6.00</b>          |

e) Strengthening of seed testing laboratories (Rs.12.50 lakhs)

The Seed Testing Laboratories functioning under the department are aimed at ensuring the quality of seeds supplied to farmers through various types of analysis of seed samples. The facilities of these labs can be strengthened to cater the needs of farming community. The amount will be utilized for creation of additional infrastructure facilities, purchase of equipments, chemicals, furniture, repair and maintenance etc. and for providing manpower support and wage support for the effective functioning of the two seed testing laboratories at Thiruvananthapuram & Alappuzha.

An amount of **Rs.12.00 lakhs** is set apart for the Seed Testing Lab, Alappuzha and **Rs.0.50 lakh** for the Seed Testing Lab, Parottukonam, Thiruvananthapuram.

f) Strengthening of State Agmark Grading Laboratories (Rs.21.00 lakhs)

Grading of agricultural produce and quality control of processed food products is of utmost importance in ensuring food safety. Grading of agricultural produce will result in the farmers getting premium price for their produce and the consumers getting quality and safe produce and food products devoid of harmful chemical residues. It is proposed to strengthen the 14 State Agmark Grading Laboratories of the State with the following objectives.

- assess the quality of farm produce marketed
- fix grades of commodities
- guarantee the movement of quality commodity from the producer to the consumer
- create awareness among public in agmark certification.

The following activities are proposed for achieving the above objectives.

i) Purchase of chemicals, equipments, renovation and strengthening of laboratories, including creation of infrastructural facilities

It is proposed to provide funds for purchase of chemicals, glasswares, repair/purchase of equipments connected with the analysis of samples and for creation of additional infrastructural facilities in a need based manner. An amount of Rs.8.00 lakhs is proposed for this purpose.

ii) Training to officers and farmers

Agricultural marketing occupies an important place particularly in the context of liberalization and role of value addition in agriculture sector. The existing marketing system needs to be updated through improvement of knowledge, skill and attitude. To realise this, it is proposed to impart training to create awareness among the field functionaries and farmers in the following areas.

- Application of ICT in agricultural marketing.
- Food safety, quality certification and marketing.



- Pesticide residue in produce.
- Marketing infrastructural facilities.
- Modern terminal markets, their operation and management.
- Market led extension.
- Sanitary and phyto sanitary measures in quality control.
- Grading, standardization and certification.
- Popularisation of schemes and standards of APEDA.
- Warehousing and storage.
- Decentralised grading of vegetables and fruits.
- Promotion of safe food products.

The training programmes will be organized through RATTCS, FTCs, KVKs etc, utilizing the services of DMI, CTCRI, VFPC, KAU, Spices Board and successful entrepreneurs in the field.

#### Training to officials

25 Agricultural officers/ agricultural assistants will be given training in each district utilizing an amount of Rs.10000/-.

#### Training to farmers

25 farmers will be given training in each district utilizing an amount of Rs.10000/-. The packers involved in agmark certification programme should also be included wherever possible.

A total amount of Rs.2.80 lakhs is earmarked for this purpose. The amount will be utilised for meeting the expenditure related to food, honorarium to resource persons and other related expenditure.

#### iii) Organising exhibitions and melas

It is proposed to organize one district level exhibition/mela in each district utilizing an amount of Rs.15000/-. The exhibition will highlight the objectives of Agmark certification, exhibit the agmark labeled products, GAP certification, promotion of safe-to-eat food products etc. The process of grading and analysis will be described through chart, pictures, pamphlets etc. Awareness on Salmonella estimation being done in SAGLs will be shared with the public. Awareness on the various adulterants being used in agricultural produce marketed should also be created. Exhibitions will be organized by the Chemist, SAGL in association with the Assistant Director of Agriculture (Marketing) of the district. Services of DMI and FSSAI will be utilised to the maximum extent possible.

#### iv) Honorarium to laboratory assistants

In the SAGLs of Pathanamthitta, Idukki, Malappuram, Wayanad, Kannur and Kasargod districts there are no sanctioned posts of laboratory assistants. Hence it is

proposed to engage one laboratory assistant on contract basis in each of the above labs to assist the chemists in carrying out analytical works as done in previous years.

Individuals having B.Sc (Chemistry) qualification will be engaged on contract basis by paying consolidated pay of Rs.10000/- per month in the above SAGLs, utilizing an amount of **Rs.4.40akhs**.

v) Travel expenses

Grading, sampling and analysis of agricultural commodities require a lot of travel. The presence of chemists is often needed during packing of Agmark products. However, the chemists of Agmark labs are not getting enough funds to meet their travel expenses from the scheme provision. Hence it is proposed to provide an amount of **Rs.3.70 lakhs** to meet the travel expenses of chemist of SAGLs from the provision under this component.

Abstract of activities under SAGL is furnished below.

| Sl. No. | Items   | Amount (Rs.in lakhs) |
|---------|---|----------------------|
| 1       | Purchase of chemicals, equipments, renovation and strengthening of laboratories, including creation of infrastructural facilities | 8.00                 |
| 2       | Training to officers & farmers  | 2.80                 |
| 3       | Organizing exhibitions and melas  | 2.10                 |
| 4       | Honorarium to lab assistants (contract staff) @Rs.10,000/-per month   | 4.40                 |
| 5       | Travel expenses   | 3.70                 |
|         | <b>Total</b>  | <b>21.00</b>         |

An amount of **Rs.21.00lakhs** is earmarked for strengthening the Agmark Grading Laboratories of the State.

g) Strengthening of bio-fertilizer laboratories (Rs.6.50 lakhs)

Two State Bio-fertilizer laboratories are functioning under the Department of Agriculture, one at Thiruvananthapuram and the other at Palakkad. The demand for biofertilizers is increasing in the State, especially in the context of organic farming. So it is necessary to provide good quality biofertilizers to the farmers at reasonable rate. Hence, for strengthening of these labs, an amount of **Rs.6.00 lakhs** is set apart for Biofertilizer laboratory, Trivandrum and **Rs.0.50 lakh** for Biofertilizer laboratory, Pattambi.

**4) Operational expenses and manpower support (Rs.40.00.00 lakhs)**

a) Operational expenses (Rs.16.50 lakhs)

For carrying out various activities of the laboratories like collection of parent material, distribution of tissue culture plantlets, sampling of pesticides, fertilizers, organic manures, soil and other official activities etc the officers of the department and

laboratories have to conduct tours for which expenses are involved by way of fuel charge, maintenance charges, traveling expenses etc.

During the current year's budget, an amount of **Rs.16.50 lakhs** is provided to meet the operational expenses related to the scheme, under the following sub heads.

| Sub heads           | Amount<br>(Rs. in lakhs) |
|---------------------|--------------------------|
| 04-TE 1-Tour TA     | 15.00                    |
| 05-OE 1-Other items | 1.00                     |
| 45-POL              | 0.50                     |
| <b>Total</b>        | <b>16.5</b>              |

b) Manpower support (Rs.23.50 lakhs)

An amount of **Rs.23.50 lakhs** is set apart for providing critical man power support for the smooth functioning of various department laboratories on daily wages/ contract basis @ Rs.10,000/month/ head, in a need based manner based on a priority basis.

**Financial Outlay**

During 2018-19, there is a budget provision of Rs.800.00 lakhs under head of account 2401-00-105-86 (Plan) for implementation of the scheme 'Modernization of Departmental Laboratories, under the following sub heads

| Sub head             | Amount (Rs. in lakhs) |
|----------------------|-----------------------|
| 34 OC                | 783.50                |
| 04-TE 1- Tour TA     | 15.00                 |
| 05-OE 1- Other items | 1.00                  |
| 45-POL               | 0.50                  |
| <b>TOTAL</b>         | <b>800.00</b>         |

Under this the components worth Rs 525.00 lakhs are continuing components, abstract of which is furnished below.

| Sl. No. | Component  | Amount<br>(Rs. in lakhs) |
|---------|--|--------------------------|
| 1       | <b>Strengthening of Biotechnology &amp; Model Floriculture Centre, Kazhakuttom</b> | <b>125.00</b>            |
| 2       | <b>Strengthening of Bio-Control Laboratory, Mannuthy Thrissur</b>                  | <b>125.00</b>            |

|          |   |               |
|----------|---|---------------|
| <b>3</b> | <b>Strengthening of Existing Laboratories</b>                                     |               |
| a)       | Strengthening of Soil Testing Laboratories  | 125.00        |
| b)       | Strengthening of State Pesticide Testing laboratory, Thiruvananthapuram           | 47.00         |
| c)       | Strengthening of Fertilizer Quality Control Laboratory at Trivandrum and Palakkad | 17.00         |
| d)       | Commissioning of BOQCL, Pattambi  | 6.00          |
| e)       | Strengthening of seed testing laboratories, Thiruvananthapuram and Alappuzha      | 12.50         |
| f)       | Strengthening of State Agmark Grading laboratories                                | 21.00         |
| g)       | Strengthening of biofertilizer laboratory Trivandrum and Pattambi                 | 6.50          |
|          | <b>Sub total (3)</b>  | <b>235.00</b> |
| <b>4</b> | <b>Operational expenses and man power support</b>                                 | <b>40.00</b>  |
|          | <b>Total</b>  | <b>525.00</b> |

**Rs.525.00 lakhs (Rupees Five crores and twenty five lakhs only)**

In the circumstances mentioned above, continuous administrative sanction is hereby accorded and orders issued of implementation of the scheme '**Modernization of Departmental Laboratories** during 2018-19, for an amount of **Rs.525.00 lakhs (Rupees Five crores and twenty five lakhs only)**, as per the above statement, debiting expenditure to head of account **2401-00-105-86 (Plan)** from current years' budget provision, from the following sub heads.

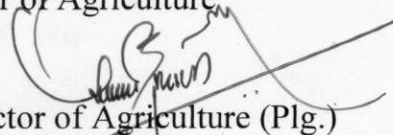
| Sub head             | Amount (Rs. in lakhs) |
|----------------------|-----------------------|
| 34 OC                | 508.50                |
| 04-TE 1- Tour TA     | 15.00                 |
| 05-OE 1- Other items | 1.00                  |
| 45-POL               | 0.50                  |
| <b>TOTAL</b>         | <b>525.00</b>         |

The scheme shall be implemented abiding by the terms and conditions stipulated in the Government Orders read above.

Timely implementation of the various programmes under the scheme has to be ensured with a definite action plan and calender in advance and this should reflect in the monthly booking of expenditure from the 1<sup>st</sup> quarter onwards.

Separate proposals for the balance amount of Rs.275.00 lakhs (Establishment of IFQCL& IPQCL- Rs.160.00 lakhs, Quality control enforcement wing - Rs.115.00 lakhs (including savings of Rs.15.00 lakhs under the component 'Strengthening of laboratories') shall be submitted to Government seeking administrative sanction.

Monthly progress report should be submitted invariably containing component wise physical and financial targets and achievements, number of beneficiaries (wherever applicable), and the stage of implementation of each component.

Sd/-  
Director of Agriculture  
  
Deputy Director of Agriculture (Plg.)  
Deputy Director of Agriculture (Plg)  
Directorate of Agriculture  
Thiruvananthapuram

To

TA/TD/TF/TG/TM/TQ/VC sections of the directorate for issue of detailed working instructions

Copy to

TA to Director of Agriculture, CA to All Additional Directors of Agriculture of the HQ, State Agricultural Engineer, Senior Finance Officer for information IT section of the directorate for posting on the website