



ABSTRACT

Tamil Nadu Health System Reform Program - Procurement of equipment and Consumables for strengthening the Department of Biological Control, King Institute of Preventive Medicine and Research, Guindy at a cost of Rs.12,00,00,000/- Crores – Sanctioned – Orders – Issued.

HEALTH AND FAMILY WELFARE (EAPI-1) DEPARTMENT

G.O.(Ms) No.19

Dated: 22.01.2025

குரோதி, தை - 09

திருவள்ளூர் ஆண்டு-2056

Read:

From the Project Director, Tamil Nadu Health System Reform Program,
Letter No.5080/TNHSRP/PMU/2023, dated 14.02.2024 and
16.12.2024.

ORDER:

The Department of Biological Control, located at the King Institute of Preventive Medicine & Research, Guindy, Chennai, was established in 1948 under the Directorate of Medical Education & Research, Tamil Nadu. Since its inception, the department has been diligently functioning to test the purity and potency of drugs for the state of Tamil Nadu. Over the years, it has continuously upgraded its infrastructure and adopted sophisticated equipment and methods to meet contemporary mandates and recommendations.

2. Currently, the Department of Biological Control is responsible for assessing the quality compliance of parenteral drugs, including those listed under Schedule C and C1 of the Drugs and Cosmetics Act, 1940 & Rules. This includes antibiotics, vitamins, hormones, chemotherapeutics, immunobiologicals (such as vaccines and sera), medical devices (as per the Medical Devices Rules, 2017), and diagnostic kits like blood grouping reagents, Human Immuno deficiency Virus (HIV), Hepatitis B Virus surface Antigen (HBsAg), and Hepatitis C Virus (HCV) kits. Samples are submitted by Drug Inspectors of Tamil Nadu and Tamil Nadu Medical Services Corporation Limited (TNMSC) for routine random checks, investigations of drug-related adverse events, and in response to complaints from medical officers in the field. Testing ensures compliance with sterility, description, and potency requirements, as mandated by programs such as the Pharmacovigilance Programme of India (PvPI) and the Materio vigilance Programme of India (MvPI). The department also performs quality testing of blood, blood bags, blood grouping reagents, and kits for blood banks across Tamil Nadu, as part of the Hemovigilance Programme of India (HvPI).

3. The Department of Biological Control is headed by the Deputy Director/Government Analyst, notified by the Government of Tamil Nadu, and is responsible for reporting on all tested drugs. Samples are analysed in accordance with pharmacopeial monographs across three divisions: Microbiological, Biological, and Chemical. The facility includes an Animal House (approximately 15,000 sq. ft.) registered under Committee for the Purpose of Control and Supervision of Experiment on Animals (CPCSEA) (522/B/S/02/CPCSEA). To ensure comprehensive testing as per the standards outlined in Indian Pharmacopoeia (IP) and United States Pharmacopoeia (USP) testing monographs, it is imperative to strengthen the facility with advanced equipment and necessary consumables.

4. The list of equipment and consumables as follows:-

S.NO	Name of the equipment	Approx. Unit cost in Lakhs	Quantity required	Total cost in Lakhs
1	Analytical Balance (6 digit)	27	1	27
2	BOD Incubator	7	1	7
3	CO2 incubator	8	1	8
4	Freezer – 20 C, 250L	4.5	1	4.5
5	Freezer – 80 C, 170L	6.5	1	6.5
6	Freezer – 80 C, 250L	8.5	1	8.5
7	Gas Chromatography MS with head space	160	1	160
8	HPLC with PDA detector	55	1	55
9	Ion Chromatography with multiparameter analyser	160	1	160
10	Invitro Medical Device Testing facility including Biocompatibility testing system	145	1	145
11	Laboratory glassware washer	25	1	25
12	Laboratory Refrigerator 250 L	4	1	4

13	Liquid Chromatography MS Triple Quad	410	1	410
14	Particle inspection unit in liquids	10	1	10
15	Thermal cycler	35	1	35
16	Refrigerated centrifuge	10	1	10
17	Vacuum oven	9.5	1	9.5
18	Polarographic Analyser	20	1	20
19	Osmometer	10	1	10
20	Kinetic Endotoxin detection system	40	1	40
21	Consumables	45	1	45
Total				1200

5. The State Empowered Committee has approved the above proposal.

6. The Government, after careful examination, have decided to sanction an amount of Rs.12,00,00,000/- (Rupees Twelve Crores only) for the procurement of equipment and consumables to strengthen the Department of Biological Control at the King Institute of Preventive Medicine & Research, Guindy, Chennai. This initiative aims to enhance Quality Control and Assurance of Essential Drugs and Diagnostics through the Tamil Nadu Medical Services Corporation Limited. The Director of Medical Education and Research is authorized to draw and disburse the sanctioned funds.

7. The expenditure sanctioned in paragraph 6 above shall be debited under the following Head of Account:

“2210 – Medical and Public Health-01 - Urban Health Services – Allopathy - 110 - Hospitals and Dispensaries - Externally Aided Project - PE - Tamil Nadu Health System Reforms Project – Administered by the Director of Medical Education and Research - 319 Machinery and Equipment - 01 – Purchase (IFHRMS DPC 2210 01 110 – PE - 31901).”

8. Necessary additional funds will be provided in the Revised Estimate/Final Modified Appropriation for the year 2024-2025. Pending allocation of these funds, the Director of Medical Education and Research is authorized to draw and disburse the sanctioned amount as mentioned in paragraph 6. However, this expenditure must be formally brought to the legislature’s attention through a Specific Inclusion in the Supplementary Estimates for 2024-2025. The Director of Medical Education and Research is further instructed to incorporate this expenditure in the budget proposals for the Revised Estimate/Final Modified Appropriation for 2024-2025 and submit draft explanatory notes for Specific Inclusion in the Supplementary Estimates 2024-2025 to the Finance Department (BG-II / Health-II) at the appropriate time without fail.

9. This order issues with the concurrence of the Finance (Health-II) Department vide e-file No.772/2024, dated 03.01.2025. ASL No.1115 (One Thousand One Hundred Fifteen) and IFHRMS ASL No. 2024101115.

(BY ORDER OF THE GOVERNOR)

SUPRIYA SAHU
ADDITIONAL CHIEF SECRETARY TO GOVERNMENT

To
The Project Director, Tamil Nadu Health System Reform Program, Chennai - 600 006.
The Director of Medical Education and Research, Chennai - 600 010.
The Managing Director, Tamil Nadu Medical Services Corporation Limited,
Egmore, Chennai- 600 008.
The Accountant General (A&E/Audit), Chennai- 600 018.
The Pay and Accounts Officer (South), Chennai- 600 035.
The Commissioner of Treasuries and Accounts, Nandhanam, Chennai - 600035.

Copy to:

The office of the Hon'ble Chief Minister, Secretariat, Chennai-600 009.
The Special Personal Assistant to the Hon'ble Minister (Finance and Human Resources Management), Chennai- 600 009.
The Special Personal Assistant to the Hon'ble Minister (Health & Family Welfare), Chennai - 600 009.
The Finance (BGI/II/Health-II/W&M-I) Department, Chennai- 600 009.
The Private Secretary to the Additional Chief Secretary,
Health and Family Welfare Department, Secretariat, Chennai-600 009.
The Health and Family Welfare (Data cell / S) Department, Chennai- 600 009.
Stock File / Spare Copy.

//FORWARDED / BY ORDER//

G. Sulu
22/1/25
SECTION OFFICER

Jn
22.01.25