



ABSTRACT

Food Safety Department – Tamil Nadu Health System Reform Program - Strengthening of six Food Analysis Laboratories - To ensure accurate results of the tested samples and provision of safe and healthier food to all – Sanction of funds Rs.7,58,59,894/- - Orders – Issued.

HEALTH AND FAMILY WELFARE (M.1) DEPARTMENT

G.O.(Ms).No.199

Dated: 23.06.2023

சோபகிருது, ஆணி - 08

திருவள்ளூர் ஆண்டு 2054

Read :

From the Project Director, Tamil Nadu Health System Reform Program letter R.No.7173/NCD/TNHSRP/2021, dated 19.09.2022 and 17.02.2023.

ORDER:

In the letters read above, the Project Director, Tamil Nadu Health System Reform Program has stated that the following proposal titled "Strengthening of Six Food Analysis Laboratories in Tamil Nadu" was placed and approved by State Empowered Committee on 17.09.2022 and has submitted proposal as follows:-

Title: Strengthening of Six Food Analysis Laboratories in Tamil Nadu.

Introduction:

Non communicable diseases (NCD) namely cardio vascular diseases, diabetes, cancer, chronic respiratory diseases and mental disorders account for nearly 69% of deaths and 65% of Disability-Adjusted Life Years (DALYs) in Tamil Nadu. Cardiovascular diseases account for about one-half of Non communicable diseases (NCD) deaths, the majority of which occur in low and middle-income countries.

As per the World Health Organization STEPS survey 2019-20, conducted by Tamil Nadu Health System Reforms Program (TNHSRP) in Tamil Nadu to establish the prevalence of Non-Communicable Diseases (NCD) mainly Hypertension & Diabetes, the inference is as below:

Table – 1: Tamil Nadu STEPS survey for Non communicable diseases Risk Factors 2020.

Among individuals aged 30 & above	Prevalence (%)	Control (%)
Hypertension	33.9	7.3
Diabetes	17.6	10.8

The high burden of Non communicable diseases, pose a serious danger to the welfare of the individual, the household and the nation as well. Thus, the prevention and management of Non communicable diseases is of prime importance as these diseases lower the quality of life, impair the economic growth and place a heavy, rising demand on families.

Background:

The cause of Non communicable diseases are varied and one of the critical factors in battling against Non communicable diseases is the food systems which consist of the physical, economic, policy and socio-cultural conditions that shape people's dietary choices and nutritional status, including malnutrition of all types, whether underweight, overweight or obesity. The potential causal relationship between dietary habits and chronic non-communicable diseases (NCDs) has been extensively investigated. The following table explains the prevalence of NCD risk factors, Dietary habits & Central Obesity as per STEPS Survey 2019-2020:

Indicator	Overall	Males	Females
I. Diet	N=3800	N=1858	N=1942
	%	%	%
Often/always add salt/ salty sauce to their food before eating (%)	11.4	12.2	10.7
Often/always eat processed foods high in salt (%)	17.6	18.9	16.3
II. Central Obesity			
Mean body mass index - BMI (kg/m ²)	24.2	23.5	24.8
Overweight (body mass index ≥ 25.0 kg/m ²) (%)	39.8	34.7	44.7
Overweight (body mass index ≥ 25.0 ≤ 29.9 kg/m ²) (%)	28.5	27.7	29.2
Obesity (body mass index ≥ 30 kg/m ²)(%)	11.3	7.0	15.5
Average waist circumference (cm)	82.9	84.5	81.4
Central Obesity (≥80 cm for females and ≥ 90 cm for males)	44.4	34.5	53.9

Adulteration is widespread nowadays hence food testing has become a mandate in India. It is important to maintain the general overall quality of the food supply and to ensure that the food industry provides consumers with food products that are safe to consume. Consumers must know about the nutritional composition of the food products so that they can make healthy choices.

2. The Project Director, Tamil Nadu Health System Reform Program has further stated that the Food testing gives an authenticity check which ensures the quality of the contents of the food product. It also ensures the safety of the food consumed. The consumer can know that the product is harmless and can be consumed without any dilemma. Hence, food safety is an important component of Health Management. Life Style Modifications & food choices affect the population and food safety plays an active role in ensuring safe food for people. Currently, Tamil Nadu Health System Reform

Program is in its 3rd year and all the Disbursement Linked Results for the previous years have been achieved till date. The disbursement claimed till date by Tamil Nadu Health System Reform Program from the World Bank on completion of the agreed targets is given below:-

S. No	Funds	Status as on June 2022 Amount (INR in Crores)
1.	Target to be achieved (2019-2024)	1998. 32 (100%)
2.	Total Receipt from World Bank till date	1220 (61%)
3.	Target for 2022-23	469.38
4.	Receipt from State Government through State Empowered Committee approval till date	559.89
5.	Excess amount credited to State Treasury	660.11
6.	Proposal submitted to Government (2022-23)	Total- 534.89 Cr.

Food Analysis Labs in Tamil Nadu:-

Food Analysis Labs (FAL) are central to food safety and there are 6 Food Analysis Laboratories at Guindy, Coimbatore, Madurai, Thanjavur, Salem and Palayamkottai functioning under TN Food Safety and Drug Administration Department for testing food samples from various sources i.e. Act samples, Surveillance samples, Railway samples, Hospital Samples, Private samples, Integrated Child Development Services (ICDS) etc. The legal samples drawn by the Food Safety Officers are analyzed in the Food Analysis Laboratories for enforcing the Act. The samples lifted under the act has to be tested within 14 days and based on the analysis report, legal action will be taken on the offenders. As National Accreditation Board for Testing and Calibration Laboratories(NABL) Accreditation was made mandatory by Food Safety and Standards Authority of India (FSSAI), all the 6 Food Analysis Labs (FALs) in the State (Guindy, Coimbatore, Madurai, Thanjavur, Salem and Palayamkottai) were closed for testing samples in December 2020..Subsequently, steps were taken by the Government and all 6 FALs have received National Accreditation Board for Testing and Calibration Laboratories (NABL) accreditation in 2021. Tamil Nadu Food Safety Department is working towards reducing the incidence of food borne illnesses, reducing high fat, trans-fat, sugar and salt (linked to heart diseases, overweight/obesity, high blood pressure, diabetes and some types of cancers) to provide safe, healthy, nutritious, and sustainable diets to all. Therefore, it is necessary to strengthen the Food Analysis Labs with equipment, infrastructure etc., to carry out the testing. As per National Accreditation Board for Testing and Calibration Laboratories (NABL) norms, the accreditation is valid up to 2 years and an integrated NABL assessment has to be obtained.

3. The Project Director, Tamil Nadu Health System Reform Program has further stated that the above mentioned six Testing Laboratories in Tamil Nadu requires up-gradation in terms of Food Testing Infrastructure (Appropriate building Space with electrical supply) and maintenance of High End Equipment, Security Services to achieve Integrated National Accreditation Board for Testing and Calibration Laboratories (NABL) accreditation. The details of the works to be carried out is detailed as below:-

I. CIVIL WORKS:

Food Safety and Standards Authority of India (FSSAI), New Delhi has selected Food Analysis Laboratories in Guindy and Madurai for Strengthening under Central Sector Scheme (CSS). The total area of the lab is not up to the standards prescribed by Food Safety and Standards Authority of India (FSSAI).

The above said two Food Analysis Labs (FALS) are in the need of new building to establish the microbiology laboratory. A sum of Rs. 4,34,30,000/- (Rupees Four Crore Thirty Four Lakh Thirty Thousand Only) is required for construction of new building at Food Analysis Laboratories (FAL), Guindy and Madurai.

II. ELECTRICAL WORKS:

The stability of electricity is required at the Food Analysis Labs (FALs) to avoid interruption during testing of food samples. A sum of Rs.2,92,00,000/- is required for electrical works.

III. Infrastructure related requirements:

Apart from civil & electrical works, the following requirements such as CCTV Camera, Furniture, AC Units and Digital Photo copies are necessary for obtaining the National Accreditation Board for Testing and Calibration Laboratories (NABL) assessment. A sum of Rs. 32,29,894/- is required for infrastructure related requirements.

4. The Project Director, Tamil Nadu Health System Reform Program has therefore requested to approve the above proposal and to sanction the amount of Rs.7,58,59,894/- (Rupees Seven Core Fifty Eight Lakh Fifty Nine Thousand Eight Hundred and Ninety Four Only) to upgrade the six Food Analysis Laboratories in the State to ensure accurate results of the tested samples and provision of safe and healthier food to all.

5. The Government, after careful examination of the proposal of the Project Director, Tamil Nadu Health System Reform Program, accepts the same and accord sanction for a sum of Rs.7,58,59,894/- (Rupees Seven Core Fifty Eight Lakh Fifty Nine Thousand Eight Hundred and Ninety Four Only) as in the annexure to this order to upgrade the six Food Analysis Laboratories in the State to ensure accurate results of the tested samples and provision of safe and healthier food to all. The Commissioner of Food Safety and Drug Administration, Chennai – 6 is permitted to carry out the civil & electrical works through Public Works Department and to procure Closed-Circuit Television (CCTV) Surveillance System, Furniture and Xerox Machine following codal procedure.

6. The amount sanctioned in para 5 above shall be debited under the following head of account:-

4210 Capital Outlay on Medical and Public Health – 04 Public Health – 200 – Other Programmes – Externally Aided Projects. PE Civil, Electrical and other related works at Food Analysis Laboratories under the control of Commissioner of Food Safety – 416 Major Works – 01 Major Works.
(DPC 4210 04 200 PE 41601)

7. Necessary additional funds of Rs.7,58,59,894/- will be provided in RE/FMA 2023 – 2024. Pending provision of such funds, the Commissioner of Food safety and Drug Administration is authorized to draw and disburse the sanctioned amount in para 5 above. However, this expenditure shall be brought to the notice of the legislature by

Specific Inclusion in the Supplementary Estimates 2023 – 2024. The Commissioner of Food Safety and Drug Administration is also requested to include this expenditure while sending the budget proposals for RE / FMA 2023 – 2024 and also send draft explanatory notes for specific inclusion in the Supplementary Estimates 2023 – 2024 to Government in Finance (BG-I / Health – II) Department at an appropriate time without fail.

8. The Commissioner of Food Safety and Drug Administration is the Estimating, Reconciling and Controlling authority for the above said new head of account.

9. The Pay and Accounts Officer / Treasury Officer concerned are directed to open the above new head of account in their books.

10. This order issues with the concurrence of the Finance Department vide its U.O. No. 23339/Health-II/2023, dated 20.06.2023 with Additional Sanction Ledger No. 321 (Three Hundred and Twenty One) (IFHRMS Additional Sanction Ledger No. 2023060321).

(BY ORDER OF THE GOVERNOR)

**GAGANDEEP SINGH BEDI,
PRINCIPAL SECRETARY TO GOVERNMENT.**

To

The Project Director, Tamil Nadu Health System Project, Chennai – 600 006.

The Commissioner, Food Safety and Drug Administration Department,
Chennai – 600 006.

The Pay and Accounts Officer, Chennai – 600 018.

The Accountant General, Chennai – 600 035.

Copy to:

The Special Personal Assistant to

Hon'ble Minister (Finance & Human Resources Management), Chennai – 600 009

The Special Personal Assistant to

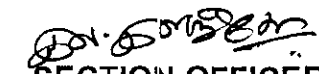

Hon'ble Minister (Health & Family Welfare), Chennai – 600 009.

The Finance (BG-I/II/Health-II/W&M-I) Department, Chennai – 600 009.

The Health and Family Welfare (Data Cell) Department, Chennai – 600 009.

Stock File / Spare Copy.

// FORWARDED / BY ORDER //


SECTION OFFICER.


Infrastructure related requirements:

S. No	Name of the Labs	Component	Proposed Amount (INR)
1.	Food Analyst Laboratories, Chennai	i. CCTV Camera arrangements ii. Furniture iii. Digital Photocopier	4,56,000/- 99,604/- 1,16,088/-
2.	Food Analyst Laboratories, Madurai	i. AC units ii. CCTV surveillance iii. Furniture iv. Xerox machine	2,35,000/- 1,50,000/- 1,98,874/- 1,16,088/-
3.	Food Analyst Laboratories, Coimbatore	i. AC facility & CCTV arrangement ii. Furniture iii. Xerox Machine	3,25,000/- 49,923/- 1,16,088/-
4.	Analyst Laboratory, Salem	i. AC unit ii. CCTV surveillance iii. Furniture iv. Xerox Machine	1,44,000/- 1,60,000/- 49,929/- 1,16,088/-
5.	Food Analyst Laboratory, Tirunelveli	i. CCTV surveillance ii. Ac unit to meeting hall iii. Furniture iv. Xerox Machine	1,50,000/- 1,57,000/- 57,549/- 1,16,088/-
6.	Food Analyst Laboratory, Thanjavur	i. CCTV surveillance ii. AC arrangement iii. Furniture iv. Digital Photo copier	1,50,000/- 1,00,000/- 50,487/- 1,16,088/-
		Total	32,29,894

(P.T.O)

ANNEXURE

G.O.Ms.No.199, Health and Family Welfare Department, dated 23.06.2023

The detailed break up of requirements for Strengthening of the Food Analysis Laboratories is given below :

Civil Works

S.No	Name of the Laboratory	Component	Proposed Funds (INR)
1.	Food Analysis Labs, Guindy	Construction of microbiological wing	2,60,70,000
		Renovation of Food Analysis Labs in the premises of King Institute campus, Guindy	24,00,000
2.	Food Analysis Labs, Madurai	Construction of laboratory building	1,49,60,000
Total			4,34,30,000

ELECTRICAL WORKS:


S.No	Name of the Laboratory	Component	Proposed Funds (INR)
1.	Food Analysis Labs, Guindy	Strengthening of 11KiloVolt High Tension supply and sub meter arrangements	2,49,00,000
		Provision of Residual Current Circuit trench for Electricity Board cable & shed for Genset	
2.	Food Analysis Labs, Thanjavur	Renewal of Electrical Installation, Power plugs, Air-Conditioning arrangements and service mains	22,00,000
3.	Food Analysis Labs, Salem	Rewiring and refitting of power mains	21,00,000
Total			2,92,00,000

Total Amount

S.No	Component	Proposed Funds (INR)
1.	Civil Works	4,34,30,000
2.	Electrical Works	2,92,00,000
3.	Other Infrastructure related requirements	32,29,894
Total		Rs.7,58,59,894

GAGANDEEP SINGH BEDI,
PRINCIPAL SECRETARY TO GOVERNMENT.

// FORWARDED / BY ORDER //


SECTION OFFICER
