



ABSTRACT

Tamil Nadu Health System Reform Program – Implementation of second year activities of Tamil Nadu Health System Reform Program to strengthen Management of Non-communicable Diseases – Sanctioned at a cost of Rs.60,85,61,000/- Orders- Issued.

HEALTH AND FAMILY WELFARE (EAP1-1) DEPARTMENT

G.D.(Ms).No.424

Dated: 22.10.2020
Thiruvalluvar Aandu – 2051
Sarvari, Iyppasi – 06

Read

1. G.O.(2D) No.141, Health and Family Welfare (EAP1-1) Department, Dated: 05.09.2019.
2. G.O.(2D) No.19, Health and Family Welfare (EAP1-1) Department, Dated: 04.02.2020.
3. Minutes of the Second Meeting of the State Empowered Committee Meeting on 03.08.2020.

Read also:

4. From the Project Director, Tamil Nadu Health System Reform Program, Letter Ref: No. 2881/TNHSRP/ PMU/ 2020, Dated: 24.08.2020.

ORDER:

The Hon'ble Minister (Health and Family Welfare) has made the announcement on the floor of Tamil Nadu Legislative Assembly for the year 2020-2021 as follows:

"Preventive Health Care through physical exercise like walking, yogo training and acupressure embedded pebble walk path in 20 PHCs (Health and Wellness HUBs) at a cost of Rs.1,00,00,000/- (Rupees One Crore only)."

2. The Project Director, Tamil Nadu Health System Reform Program has informed that Tamil Nadu Health System Reform Program is a World Bank supported project implemented by Department of Health and Family Welfare (DoH&FW) of Tamil Nadu Government on Program for Results (P for R) basis. The program claims at achieving SDG 3 target by ensuring health lives and promising wellbeing for all at all ages in Tamil Nadu. The total budget of the program is 287 million US\$ over a period of 5 years which will supplement the overall budget of Government of Tamil Nadu in health department of 4,990 million US\$ in next 5 years to achieve the results. The loan agreement was signed on 04.06.2019 and the effectiveness date is declared as 29.07.2019. In the Government Order first read above, the Administrative Sanction of the project was accorded. The Goal of the

Project is to improve quality of care, strengthen management of non-communicable diseases and injuries, and reduce inequities in reproductive and child health services in Tamil Nadu. The project is being implemented and the first-year activity carried out from July 2019 to March 2020. In first year, all the disbursement linked results were achieved and disbursement claimed to the World Bank of USD 5,20,23,500 and the budget allotted for the first year activity was sanctioned in the Government Order second read above.

3. Based on the above announcement, among others, the Project Director, Tamil Nadu Health System Reform Program has forwarded the proposal approved by the State Empowered Committee headed by the Chief Secretary towards implementation of the second year activities for Tamil Nadu Health System Reform Program to strengthen management of Non Communicable diseases as detailed below:

Almost 30 percent of individuals 30 years or older are screened for hypertension and 25.1 percent are screened for diabetes. Coverage of Non-Communicable Diseases screening has increased considerably, but screening remains below the Organization for Economic Cooperation and Development (OECD) averages, particularly for breast and cervical cancers. As per NFHS-4 data show that only 23 percent of women between the ages of 15 and 49 years have ever been screened for cervical cancer, comparable to the national average but substantially below Kerala's share of 61 percent. Screening of breast cancer is even lower with only 15 percent of women ever screened (NFHS-4, 2015-16). Almost one-third of the adult population is overweight and 12 percent of women and 10 percent of men have hypertension (NFHS-4, 2015-16). However, among hypertensive adults, 15 percent of women and 5 percent of men have their blood pressure under control (NFHS-4, 2015-16), indicating serious challenges in Non-Communicable Diseases Management.

Proposal

To improve coverage of screening for Non-Communicable Diseases the Program will support the implementation of population-based screening. Under PBS, field functionaries (Women Health Volunteers) are expected to make house visits, raise awareness of Non-Communicable Diseases and risk factors, screen for hypertension and diabetes and refer to a PHC for screening Breast cancer, Cervical cancer, Oral Cancer and further follow-up. This population-based screening approach will be integrated with the establishment of health and wellness centers (HWCs) and strengthening of PHCs at the lowest level to improve treatment and follow-up for patients diagnosed with Non-Communicable Diseases. In addition, the Program will contribute to strengthen lab services and improving health provider capacity to address Non-Communicable Diseases. To improve monitoring and evaluation related to Non-Communicable Diseases, the Program will include the development of Non-Communicable Disease care cascades for selected tracer conditions (for example, hypertension and diabetes), as well as strengthening of data on Non-Communicable Diseases for better planning and management.

Cost of the proposal.

Recurring cost (INR)	Non-Recurring Cost (INR)	Total (INR)
52,95,25,000	7,90,36,000	60,85,61,000

The total budget estimate (recurring and non-recurring expenditure) towards strengthening of management of non-communicable disease is in the annexure of this Government Order. The breakup details for Health and Wellness Centres, the criteria for selection PHCs for establishment of Health and Wellness Hubs and establishment of Specification for establishment of Open Gym, Pebble Walk Path, Walker Paths is in the annexure of this Government Order.

Disbursement of US\$7.3 million for every percentage point increase in blood pressure under control up to US\$ 22 million and US\$3 million for every percentage point increase in blood sugar under control up to US\$ 18 million will be released.

4. The Project Director, Tamil Nadu Health System Reform Program has stated that in respect of certain activities, the activities are to be implemented by the respective directorates with the budget being sanctioned under their respective heads under Tamil Nadu Health System Reform Program and requested the Government to issue necessary orders to sanction the cost of Rs.60,85,61,000/- (Rupees Sixty Crore Eighty Five Lakh and Sixty One Thousand only) to strengthen the Management of Non Communicable Diseases as follows:-

a) **NHM-SHS**

Approve the budget allocation amount of Rs.59,65,61,000/- (Rupees Fifty Nine Crore Sixty Five Lakh Sixty One Thousand only) to the Mission Director, National Health Mission – State Health Society to carry out the Non-Communicable Diseases program activities, purchase of equipment, reagents, drugs and supplies, training, incentives, printing, IEC.

b) **DPH&PM**

Approve the budget allocation amount of Rs. 1,00,00,000/- (Rupees One Crore only) to the Director of Public Health and Preventive Medicine to establish Health and Wellness Hubs in 20 Primary Health Centres.

c) **TNHSRP**

Approve the budget allocation amount of Rs.20,00,000/- (Rupees Twenty Lakh only) to the Project Director, Tamil Nadu Health System Reform Program to carry out meetings and Supportive Supervision.

5. The Government after careful consideration of the proposal of the Project Director, Tamil Nadu Health System Reform Program have decided to accept the same and accordingly issue the following orders:-

- a. Sanction is accorded for an amount of Rs. 59,65,61,000/- (Rupees Fifty Nine Crore Sixty Five Lakh Sixty One Thousand only) to the Mission Director, National Health Mission – State Health Society to carry out the Non-Communicable Diseases program activities, purchase of equipment, reagents, drugs and supplies, training, incentives, printing, IEC as detailed in the annexure annexed to this Government Order.
- b. Sanction is accorded for an amount of Rs. 1,00,00,000/- (Rupees One Crore only) to the Director of Public Health and Preventive Medicine to establish Health and Wellness Hubs in 20 Primary Health Centres as detailed in the annexure annexed to this Government Order.
- c. Sanction is accorded for an amount of Rs.20,00,000/- (Rupees Twenty Lakh only) to the Project Director, Tamil Nadu Health System Reform Program to

carry out meetings and Supportive Supervision as detailed in the annexure annexed to this Government Order.

6. The expenditure sanctioned in paras 5 (i),(ii) and (iii) above, shall be debited to the following head of account respectively:-

- i. 2210 – Medical and Public Health – 01 Urban Health Services – Allopathy - 110 Hospitals and Dispensaries – Externally Aided Project – PF Tamil Nadu Health Systems Reforms Project – Administrated by Director of National Health Mission – 309 Grants in Aid – 03 Grants for Specific Schemes

(IFHRMS 2210 01 110 PF 30903)

- ii. 2210 – Medical and Public Health – 01 Urban Health Services – Allopathy – 200 other Schemes – Externally Aided Project – PB Tamil Nadu Health Systems Reform Project – Administrated by Director of Public Health – 309 Grants in Aid - 03 Grants for Specific Schemes.

(IFHRMS 2210 01 200 PB 30903)

- iii. 2210 – Medical and Public Health – 01 Urban Health Services – Allopathy – 110 Hospitals and Dispensaries – Externally Aided Project – PG – Tamil Nadu Health Systems Reforms Project – 309 Grants in Aid -03 Grants for Specific Schemes

(DPC 2210 01 110 PG 0930)

(IFHRMS 2210 01 110 PG 30903)

7. Necessary additional funds shall be provided in the RE/FMA 2020-2021.

8. This order issues with the concurrence of the Finance Department vide its U.O.No.30650/Health-1/2020, dated: 21.10.2020.

(BY ORDER OF THE GOVERNOR)

**J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT**

The Project Director, Tamil Nadu Health System Reform Program, Chennai-6.

The Mission Director, State Health Society, Chennai-6.

The Managing Director, Tamil Nadu Medical Services Corporation Ltd, Egmore, Chennai-8.

The Project Director, Tamil Nadu Urban Health Project, Chennai-6.

The Director of Medical Education, Chennai-10

The Director of Medical and Rural Health Services, Chennai-6

The Director of Public Health and Preventive Medicine, Chennai-6

The Accountant General (A&E), Chennai- 18.

The Pay and Accounts Officer (south), Chennai-35

The Commissioner of Treasuries and Accounts, Nandhanam, Chennai-35.

Copy to

The Special Personal Assistant to Hon'ble Chief Minister, Chennai-9

The Special Personal Assistant to Hon'ble Deputy Chief Minister, Chennai-9

The Special Personal Assistant to Hon'ble Minister (Health and Family Welfare),
Chennai-9.

The Principal Private Secretary to Chief Secretary, Chennai-9

The Private Secretary to Additional Chief Secretary, Finance Department Chennai-9.

The Private Secretary to Secretary (Expenditure), Finance Department Chennai-9.

The Finance (Health-II/BG I&II) Department, Chennai-9

All sections in Health and Family Welfare Department, (Except OPI,II,D,I,and K)
Chennai-9

SF/SC

//FORWARDED BY ORDER //

B. Jayalalitha
SECTION OFFICER
B. Jayalalitha

Annexure to G.O.(Ms)No.424, Health and Family Welfare (EAPI-1) Department, dated: 22.10.2020.

Non-recurring:

S.No.	Activity	Implementing Authority	Facility	Implementing through	Unit Cost (INR)	Quantity/ Target	Budget (INR)
I	Equipment						
1.	BP Apparatus- PBS	NHM- TN	Community level	TNMSC	2,000	2,343	46,86,000
2.	Thermocoagulator	NHM- TN	Institution level/ DMS	TNMSC	3,50,000	37	1,29,50,000
3.	HbA1c Testing	NHM- TN	Institution level/ DMS & DME	TNMSC	10,00,000	37	3,70,00,000
4.	Video - Colposcopy	NHM- TN	Institution level/ DME	TNMSC	6,00,000	24	1,44,00,000
II	Establishment of Health and Wellness center						
1.	Establishment of Health and Wellness center	DPH	Institution level / DPH	DPH	5,00,000	20	1,00,00,000
						Total	7,90,36,000

Recurring:

S.No	Activity	Implementing Authority	Facility	Implementing Through	Unit Cost (INR)	Quantity/ Target	Budget (INR)
I.	Drugs & Supplies for Screening of NCD						
1	Additional PHCs	NHM- TN	Institution level / DPH	TNMSC	15,000	1,383	2,07,45,000
2	Block/ Upgrade PHCs	NIIM- TN	Institution level / DPH	TNMSC	30,000	423	1,26,90,000
3	Urban PHCs	NHM-TN	Institution level/ DPH	TNMSC	15,000	320	48,00,000
4	Urban PHCs	NHM-TN	Institution level/ Chennai Corporation	TNMSC	15,000	140	21,00,000
5	District Head Quarter Hospitals	NHM-TN	Institution level / DMS	TNMSC	3,50,000	29	1,01,50,000
6	Sub District Hospital- Taluk Hospitals	NIIM-TN	Institution level / DMS	TNMSC	1,00,000	206	2,06,00,000
7	Sub District Hospital- Non Taluk Hospitals	NHM- TN	Institution level / DMS	TNMSC	80,000	67	53,60,000
8	Women and Child Hospitals	NIIM-TN	Institution level / DMS	TNMSC	15,000	7	1,05,000
9	Dispensary	NIIM-TN	Institution level / DMS	TNMSC	15,000	11	1,65,000
10	Medical College Hospitals	NHM-TN	Institution level / DME	TNMSC	10,00,000	24	2,40,00,000

Re-agents & Supplies for Screening of NCD							
II.							
1	Additional PHCs	NHM- TN	Institution level / DPH	TNMSC	12,000	1,383	1,65,96,000
2	Block/ Upgrade PHCs	NHM- TN	Institution level / DPH	TNMSC	23,000	423	97,29,000
3	Urban PHCs	NHM-TN	Institution level / DPH	TNMSC	13,000	320	41,60,000
4	Urban PHCs	NHM-TN	Institution level / Chennai Corporation	TNMSC	13,000	140	18,20,000
5	District Head Quarter Hospitals	NHM- TN	Institution level / DMS	TNMSC	3,00,000	29	87,00,000
6	Sub District Hospital- Taluk Hospitals	NHM- TN	Institution level / DMS	TNMSC	90,000	206	1,85,40,000
7	Sub District Hospital- Non-Taluk Hospitals	NHM-TN	Institution level / DMS	TNMSC	65,000	67	43,55,000
8	Women and child Hospitals	NHM- TN	Institution level / DMS	TNMSC	11,945	7	83,615
9	Dispensary	NHM- TN	Institution level / DMS	TNMSC	11,944	11	1,31,385
10	Medical College Hospitals	NHM- TN	Institution level / DME	TNMSC	9,00,000	24	2,16,00,000
11	Gluco Meter with Strips	NHM- TN	Community level	TNMSC	14,000	2,343	3,28,02,000
12	HbA1c Testing - reagent	NHM- TN	Institution level / DMS & DME	TNMSC	34,000	37	12,58,000

III Training							
1	PBS training	NHM- TN	Community level	DHS	2,000	2,343	46,86,000
2	NCD training for Staff Nurses & Mos	NHM- TN	Institution level (all directorate)	DHS	14,000	500	70,00,000
IV Incentive							
1	PBS - Incentive for WHVs	NHM- TN	Community level	TNCDW	42,000	2,343	9,84,06,000
2	Additional incentive to WHV for achieving Control rate	NHM- TN	Community level	DHS	12,000	6,370	7,64,40,000
V Printing							
1	Printing for PBS	NHM- TN	Community level	DHS	7,000	2,343	1,64,01,000
2	Registers & Cards - Additional, Block & Upgraded PHCs	NHM- TN	Institution level / DPH	DHS	23,000	1,806	4,15,38,000
3	Registers & Cards - Urban PHC	NHM- TN	Institution level / DPH	DHS	23,000	320	73,60,000
4	Registers & Cards - Urban PHC	NHM- TN	Institution level / Chennai Corporation	DHS	23,000	140	32,20,000

5	Registers & Cards - GH & Dispensaries	NHM- TN	Institution level / DMS	DHS	34,000	320	1,08,80,000	
6	Registers & Cards - MCH	NHM- TN	Institution level / DME	DHS	46,000	24	11,04,000	
VI	IEC							
1	SBCC	NHM - TN	Community / Facility level	NHM - TN	4,00,00,000	1	4,00,00,000	
VII	Workshops and Meetings							
1	TNHSRP NCD Cell	TNHSRP	Institution level	TNHSRP	10,00,000	1	10,00,000	
VII	Supportive Supervision	TNHSRP	Institution level	TNHSRP	10,00,000	1	10,00,000	
Total								52,95,25,000

J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT

//True Copy //

B. Joseph
SECTION OFFICER

Annexure to G.O.(Ms)No. 424, Health and Family Welfare (EAPI-1)
Department, dated: 22.10.2020.

Cost Breakup for Health and Wellness Centre

S.No	Activity	Amount(INR)
1	All around Walk Path(100 m length)	2,83,554
2	Pebble Path way	8,121
3	Equipment Cost	95,000
4	Landscaping cost	15,000
5	Sitting Slab Cost	16,042
6	Electrification cost	20,000
7	12 % GST	47,351
8	Labour Welfare Fund 1%	5,000
9	Contingencies	9,932
Cost per Centre		5,00,000
Total Cost for establishing in 20 places		1,00,00,000

Criteria for selection PHCs for establishment of Health and Wellness Hubs

- The minimum open space requirement for Health and Wellness Hubs is two hectare
- The Primary Health Centres should be located within residential area and accessible for public.

Specification for establishment of Open Gym, Pebble Walk Path, Walker Paths

Construction of Walk path at PHCs

It is proposed to construct either circular or rectangular walk path (100 meter Long) in the available space of respective PHCs,

The following provisions are made in this estimate.

- Clearing the Site.
- Earth work excavation and foundation to 0.45m x 0.35 m width
- Sand filling to 0.10m and basement 0.10m thick is also provided
- CC 1:4:8 mix using 40mm HBG metal is provided for laying foundation concrete to 0.40m flooring 0.10 m Depth
- Brick work in cm 1:5 mix country bricks is proposed for construction of core wall to 0.23 thick wall
- Plastering in cm 1:5 mix 12 mm thick.
- Providing paver block flooring for pathways

Providing Pebble walk Arrangements at PHC

- Earth work excavation and foundation to 0.45m x 0.35 m width
- Sand filling to 0.10m and basement 0.10m thick is also provided
- CC 1:4:8 mix using 40mm HBG metal is provided for laying foundation concrete to 0.40m flooring 0.10 m Depth
- Brick work in cm 1:5 mix country bricks is proposed for construction of core wall to 0.23 thick wall
- Provision for 50 mm size pebbles embedding with cm 1:4, 20 mm thick
- Plastering in cm 1:5, 12 mm thick.
- Provision for Landscaping in the open gym area.

Outdoor Gym Equipment (Including installation charges)

- Leg press; Air Walker / Leg & Thigh Exerciser; Hip Twister; Double spin

Providing Concrete sitting slabs in Gym area

- Four concrete sitting slabs, finished with polished Granite 25 mm thick.

Provision for electrification in the gym area

- Providing one standard street lamps at center of the walk path.
- Providing one at Gym area

IEC Name boards

- Display board should be of 5 feet (Width) and 3 feet(Height)
- Green background should be of C 85%, M 31%, Y 87% and K 20%
- Display board should be printed in digital print on Self-Adhesive Vinyl (SAV) and near photographic in quality
- Display boards should have good illumination and visibility at night

Display board may be erected as follows

- Base structure should be Metal fabricated of MS framework fitted with Aluminium Composite Panel (ACP) sheet pasted with plotter.
- MS pipes of not less than outer diameter of 3 inches should be used to erect a stand with minimum 3 feet grounded and 5 feet above the ground level, if needed.

**J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT**

//True Copy //


SECTION OFFICER



Annexure to G.O.(Ms)No.424, Health and Family Welfare (EAPI-1)
Department, dated: 22.10.2020.

List of Establishment of Health and Wellness Hubs in PHCs			
S.No	Name of the HUD	Name of the Block	Name of the PHC
1	Cuddalore	Naduveerapattu	Thiruvanthipuram
2	Cuddalore	Mangalore	Mangalore
3	Kovilpatti	Vilathikulam	Kulathur
4	Kovilpatti	Kayathar	Kalugumalai
5	Nagapattinam	Kilvelur	Thevoor
6	Nagapattinam	Nagapattinam	Vadugachery
7	Nagarcoil	Munchirai	Thoothoor
8	Paramakudi	Kadaladi	Ervadi
9	Paramakudi	Kamuthi	Peraiyur
10	Ramanathapuram	Devipattinam	Devipattinam
11	Sankarankoil	Kadayanallur	Chockampatti
12	Sankarankoil	Tenkasi	VadakaraiKilpidagai
13	Thanjavur	Papanasam	Kabisthalam
14	Thanjavur	Sethubavachathiram	Azhakiyanayakipuram
15	Thiruvarur	Mannargudi	Ulikottai
16	Thiruvarur	Thiruvarur	Adiyakkamangalam
17	Tirunelveli	Ambasamudram	Vairavikulam
18	Tirunelveli	Radhapuram	Navalady
19	Tuticorin	Tiruchendur	Kayamozhi
20	Virudhunagar	Thiruchuli	M. Reddiapatti

J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT

//True Copy //

B. Jayakumar
SECTION OFFICER

(Signature)

Annexure to G.O.(Ms)No.424, Health and Family Welfare (EAPI-1)
Department, dated: 22.10.2020.

S.No	Activity	Cost (INR)
1	Non-recurring expenditure towards procurement of equipment	7,90,36,000
2	Recurring expenditure towards procurement of drugs, reagents and supplies, training, incentive, printing, IEC, workshops and meetings, monitoring and evaluation and supportive supervision	52,95,25,000
Total		60,85,61,000

J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT

//True Copy //

B. Jayabali
SECTION OFFICER