



ABSTRACT

Launching of Telemedicine 104 programme in Tamil Nadu – Establishment of Telemedicine Centres to provide health care service on pilot basis – Recurring and non-recurring expenditures – Sanctioned – Orders – Issued.

Health and Family Welfare (MCA . 1) Department

G.O (Ms) No: 163

Dated: 08.05.2012

திருவள்ளூர் ஆண்டு-2043

சித்திரை - 26

048927

Read:

From the Director of Public Health and Preventive Medicine letter
Ref No: 86124/Plan 1 / A2 / 2011 dated: 25.8.2011

ORDER:

Hon'ble Chief Minister on 10.09.2011 in the floor of the assembly - under rule 110 of Tamil Nadu Legislative Assembly Rules - among others announced that Telemedicine facilities will be created in Primary Health Centres at a cost of Rs. 5 Crores for providing Higher Speciality Medical Guidance to the poor people residing at remote village areas of the State.

2. The concept of telemedicine is the use of telecommunication and information technology to provide clinical health care to patients of remote areas by providing specialist guidance from a geographically distant Telemedicine center. It is the exchange of medical and public health knowledge through telecommunication and information technology in real time mode from one site to another site for improving patient care.

3. In this regard, the Director of Public Health and Preventive Medicine has sent a detailed proposal to Government. Though, Government of Tamil Nadu is providing health care services through a well connected network of Primary Health Centres, Taluk / Non Taluk Hospitals , Medical College Hospitals, ESI clinics / Hospitals, EB dispensaries and urban health posts., quality medical care and diffusion of health care information continues to be a major issue for people living in remote and inaccessible areas. Telemedicine in the State of Tamilnadu can be effectively implemented in the remote areas of backward districts. Stating the above the Director of Public Health and Preventive Medicine has proposed to launch the telemedicine programme in Tamil Nadu.

4. Further the Director of Public Health and Preventive Medicine has proposed to initially establish peripheral telemedicine Centres at 31 remote Health Sub Centres listed in the Annexure – I to this Government Order (Which will function as Level – I Maternal and Child Health [MCH] Centres with round the clock Nurses) on a pilot basis which can be further expanded to non-remote areas in due course. All these 31 telemedicine Centres may be set up with medical hardware which is computer enabled, comprising of all the clinical instruments like digital BP, ECG, Electronic stethoscope etc., Various clinical parameters like pulse, respiratory count, temperature, skin images and SP Oxygen can be measured with this and the results can be viewed on a computer by the experts in the headquarters and guidance can be given. Nurses also can be trained to use the same. The patients can use the Telemedicine Centres for Teleconsultation with the specialists and referral to higher medical Centres wherever necessary. The Upgraded Primary Health Centres, CEMONC centres, private hospitals and the Hospital on Wheels can avail the Tele consultation services initially through audio communication.

5. The Telemedicine Centres will also provide 24 hours information access to the general public on health related matters particularly with reference to first aid, availability of health care services in Government institutions, health schemes, health & hygiene, nutrition, etc., With respect to the Human resources required, The Director of Public Health and Preventive Medicine has proposed the following:-

- The Telemedicine centre to function on 24 X 7 basis with 20 seats capacity with three shifts a day so it will be manned by around 70 people so that 20 people can be on duty at any time
- The call centre may be managed by 80% paramedics and 20% doctors, other than the panel of experts
- A panel of experts from the fields of general medicine, general surgery, pediatrics and obstetrics and gynecology. The specialists who have retired from Government service preferably medical teachers and staying in headquarters can be included in this panel of experts.

About the Health information data base, the Director of Public Health and Preventive Medicine has stated that establishment of Telemedicine Centres will also comprise of the following services:-

- Creating a data base of all health care service providers in Government and private, health care facilities and diagnostic facilities
- Linking up of all the private and Government hospitals with the headquarters.
- Linkage with 108 ambulance services
- Documenting all the calls and queries and related responses.

Also, the Director of Public Health and Preventive Medicine has suggested to form a State level Advisory Committee and Technical Committee to implement the Telemedicine programme.

6. The Government after careful examination of the proposal of the Director of Public Health and Preventive Medicine have decided to accept the same with certain modifications and permit the Director of Public Health and Preventive Medicine

- i. to utilize the existing 31 remote Health Sub Centres listed in the Annexure – I to this Government Order (Level-1 Maternal and Child Health Centres) for establishment of Telemedicine Centres on a pilot basis.
- ii. to incur the recurring expenditure of Rs.99,88,000 and the non-recurring expenditure of Rs.1,88,00,000 (in total Rupees two crores Eighty seven lakhs and eighty eight thousands only) as detailed in the Annexure – II to this Government Order towards the establishment of telemedicine programme in the state.
- iii. to carry out all procurements relating to the Information Technology Support system through the ELCOT as per rules in force.
- iv. to obtain the necessary clearance from the TELECOM Dept of the Government of India to utilize a unique toll free number for implementing the Telemedicine Programme in the State.
- v. to implement the programme in Public Private Partnership mode with a non-profit private organization

7. The expenditure sanctioned in para 6 above shall be debited to the following head of account.:

2210. Medical and Public Health - 06. Public Health – 101. Prevention and control of Diseases – Schemes in the Twelfth five year plan – II State Plan – KG. Telemedicine 104 Programme in Tamil Nadu.

	(Rupees)
01. Salaries	
09. Honarorium	- 10,00,000
(DPC 2210 06 101 KG 0199)	
04. Travel Expenses	
01. Tour Travelling Allowance	- 2,00,000
(DPC 2210 06 101 KG 0411)	
05. Office Expenses	
02. Other Contingencies	- 4,72,000
(DPC 2210 06 101 KG 0528)	

17. Minor Works (DPC 2210 06 101 KG 1705)	-	31,16,000
19. Machinery and Equipments 01. Purchase (DPC 2210 06 101 KG 1910)	-	75,00,000
33. Payments for Professional and Special Services 02. Remuneration (DPC 2210 06 101 KG 3329)	-	60,00,000
42. Service or Commitment Charges (DPC 2210 06 101 KG 4202)	-	1,00,000
72. Training (DPC 2210 06 101 KG 7209)	-	10,00,000
76. Computer and Accessories 01. Purchase (DPC 2210 06 101 KG 7610)	-	94,00,000
		2,87,88,000

8. The expenditure sanctioned in para 6 above shall constitute an item of "New Service" and the approval of Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure will initially be met by an advance from the contingency fund, orders, regarding which will be issued by the Finance (BG.I) Department based on the application from Director of Public Health and Preventive Medicine, Chennai in the prescribed form along with a copy of this order. The Government direct that the Director of Public Health and Preventive Medicine to send necessary draft explanatory notes for inclusion of the expenditure in the Supplementary Estimates for 2012-13 to obtain approval of the Legislature at the appropriate stage to Finance Department.

The Director of Public Health and Preventive Medicine is the estimating, reconciling and controlling authority of the above new head of account.

T. O

The PAO /concerned are requested to open the above new sub head of account in their books.

9. The Director of Public Health and Preventive Medicine is directed to send a feed back of the new initiative of Telemedicine to Govt in due course.

10. This order issues with the concurrence of Finance dept vide its U.O. No.352/JS(PU)/12, dated 04.05.2012 and the ASL No.198(One Hundred and Ninety Eight).

(By order of the Governor)

GIRIJA VAIDYANATHAN
PRINCIPAL SECRETARY TO GOVERNMENT.

To

- ✓ The Director of Public Health and Preventive Medicine, Chennai – 6
- The Director of Medical and Rural Health Services, Chennai – 6
- The Director of Medical Education, Chennai – 10

Copy to:

- The Secretary to Chief Minister, Chennai – 9
- The Special P.A to Hon'ble Minister (Health), Chennai – 9
- Finance (Health – II) (BG-II) Department, Chennai – 9
- The Resident Audit Officer (Secretariat),
Office of the Principal Accountant General,
(Tamil Nadu and Pondicherry)
2nd floor, Namakkal Kavignar Maligai, Chennai – 9
- Pay Account Officer, (South), Chennai-35.
- Concerned Treasury Officers (through Director of Public
Health and Preventive Medicine)
- Sf / Sc

/Forwarded/ by order /

W. S. S. S. S.
SECTION OFFICER.
SS