

- 387 -

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ABSTRACT

Health and Family Welfare Department - Department of Medical Education - Implementation of Health Management Information Systems in all tertiary care hospitals and 20 Government Medical Colleges (including Government Dental College) under the control of Directorate of Medical Education and pilot Implementation of HMS in Government General Hospital, Chennai and Government Thanjavur Medical College Hospital and Implementation of University Automation System and College Management System (CMS) in Tamil Nadu Dr. MGR Medical University - Orders - Issued.

HEALTH AND FAMILY WELFARE (E1) DEPARTMENT

G.O.(Ms) No. 73

Dated: 23.02.2011

Thiruvalluvar Aandu - 2042

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Read:

1. G.O.(2D) No. 102, Health and Family Welfare (EAP1/1) Department dated: 16.09.2010

Read also:

2. From the Director of Medical Education Letter Ref. No 854/P&D/2011, dated: 6.1.2011.

The Director of Medical Education in his letter 2nd read above has reported that a web based comprehensive Health Management Information Systems (HMIS) for all the Secondary Care Hospitals in the State is being implemented by the Tamil Nadu Health Systems Project, which is a World Bank funded Project. He has also reported that based on the software developed by M/s. Tata Consultancy Services, Health Management Information Systems (HMIS) has been established in 5 hospitals on pilot basis during November, 2008 and extended to 36 hospitals in 5 districts in Phase I during August, 2009, that based on the orders issued in G.O.(2D) No102, Health and Family Welfare (EAP 1/1) Department dated: 16.09.2010 the Tamil Nadu Health Systems Project is in the process of implementing Health Management Information Systems (HMIS) across all the remaining Secondary Care Hospitals which would be computerized by the end of 2011. He has further reported that based on the encouraging outcomes of the Hospital Management System (HMS)/ Health Management Information Systems (HMIS) implementation in secondary care hospitals, the World Bank has agreed to upscale and implement Health Management Information

System in all the hospitals under the control of Directorate of Medical Education along with a College Management System for all the Government Medical Colleges and University Automation System and the College Management System at the Tamil Nadu Dr. MGR Medical University during the additional financing period of the Tamil Nadu Health Systems Project.

2. The Director of Medical Education has indicated that the features of Hospital Management System (HMS) are to:

- I. Establishing a real time online system to automate the patient related information and major administrative functions within the hospitals.
- II. Create an electronic health record for every patient, so as to digitally store the patients' records and provide for easy retrieval of the same.
- III. Establishing a system of stores inventory which will lead to more transparent management of stores including drugs management and tracking of drug batch codes, expiry dates, etc.
- IV. Establishing the facility through which the Lab, Diet, Linen, Blood Bank, and Bio Medical Waste Management Services provided by the Hospitals will be recorded and documented digitally.
- V. Establishing a system of capturing in-patient records and ward management of the patients, including auto-generation of discharge summary.
- VI. Create input forms to facilitate the tracking of patients records files in the Medical Records Department.

3. The features of Health Management Information System (HMIS) are to:

- i. Establishing a comprehensive electronic health data reporting system, which will be a web based system.
- ii. Standardizing report in formats across Health Directorate, in the state.
- iii. Provide feedback to program managers for evaluation, monitoring and strategic planning, at the district level, Directorate level and at the Secretariat level. The health data is also readily available to the health care providers at the institutional level.
- iv. Develop efficiency indicators along with selected indicators of key resources such as staff, financial status, essential equipments and drugs Blood Storage Status, building, vehicle which are vital for service delivery and accounting of biomedical waste disposal.

to be established in the form of a committee to monitor the progress of the project and to report to the Government.

v. Establishing a Human Resources data bank for all the staff in tertiary care health institutions and at the Directorate of Medical Education.

4. The Director of Medical Education has further reported that the Tamil Nadu Health Systems Project has placed a proposal before the State Empowered Committee for financial and administrative sanction for implementation of Hospital Management System (HMS) in two selected Medical College Hospital and Health Management Information Systems (HMIS) in all the Director of Medical Education Institutions and in the Directorate of Medical Education and College Management System (CMS) in all Medical Colleges and University Automation and College Management System (CMS) at Tamil Nadu Dr. MGR Medical University for which a policy direction is required from the Government. She has, therefore, requested the Government to issue orders in the matter.

MEMORANDUM OF UNDERSTANDING

5. The Government after careful consideration pass the following orders:-

I. The Director of Medical Education is permitted to implement the Health Management Information Systems (HMIS) in all the tertiary care Government hospitals and in the Directorate of Medical Education, College Management System (CMS) in 21 Government Medical Colleges (including Government Dental College) and pilot implementation of Hospital Management System in Government General Hospital, Chennai and Government Thanjavur Medical College Hospital.

II. The Tamil Nadu Health System Project shall hire an appropriate software consultant to develop and implement the Health Management Information Systems (HMIS)/Hospital Management System (HMS) and College Management System in Directorate of Medical Education Institutions along with University Automation and College Management System (CMS) at the Tamil Nadu Dr. MGR Medical University. The Consultants hired for the above purpose shall also impart training to the concerned hospital and college staff at the respective Institutions.

III. The Tamil Nadu Health System Project shall provide all the necessary hardware including connectivity to the institutions referred to above based on the availability of funds, the Tamil Nadu Health System Project will scale up implementation of HMS in other Medical College Hospitals.

IV. The manual system of health data reporting shall be dispensed with as soon as the hardware and internet connectivity is established and training completed in all hospitals.

V. The audit wing of the Directorate of Medical Education shall not insist on manual reports for registers/reports which will be available online (finalized

by Director of Medical Education in consultation with details of such registers, shall be Project Director, Tamil Nadu Health System Project).

VI. The Project Director, Tamil Nadu Health System Project shall appoint IT Technical Coordinator at the Institutional level on contractual basis and also setup a Health Management Information Systems (HMIS) help desk at the Directorate level, in order to address the hardware/software issues on contractual basis. The contractual salaries of the IT Technical Coordinators will be borne by the Tamil Nadu Health System Project during the project period.

(BY ORDER OF THE GOVERNOR)

V.K.SUBBURAJ

PRINCIPAL SECRETARY TO GOVERNMENT

The Government and the following officers:

- The Director of Medical Education, Chennai-10
- The Project Director, Health Systems Project, Chennai-6
- The Director of Medical and Rural Health Services, Chennai-6
- The Director of Public Health and Preventive Medicine, Chennai-6
- The Mission Director, National Rural Health Mission, Chennai-6
- The Principal Secretary, IT Department, Secretariat, Chennai-9

SF/SC

/FORWARDED BY ORDER/

SECTION OFFICER.