



## ABSTRACT

Health and Family Welfare Department - Tamil Nadu Health Systems Project — Implementation of Web based Health Management Information Systems and Hospital Management Systems – Hiring of a consultant on a Single Source Selection method for migrating Management Information System / College Management System and Government Medical College Websites under Phase III to Linux, Tomcat, JBOSS and PostgreSQL, revision of Non Communicable Diseases Screens and management of change request for Health Management Information Systems (HMS/MIS/CMS/website) – Sanction of additional funds - Proposals approved – Orders issued.

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### HEALTH AND FAMILY WELFARE (EAP1/1) DEPARTMENT

G.O.( 2D ) No.96

Dated:10.10.2014  
Thiruvalluvar Aandu – 2045  
Jaya Puratasi – 24

#### Read:-

1. G.O.(2D)No.68 Health and Family Welfare (EAP1/1) Department dated: 29.08.05
2. G.O.(2D)No.62 Health and Family Welfare (EAP1/1) Department dated: 06.06.07
3. G.O.(2D)No.102 Health and Family Welfare (EAP1/1) Department dated:01.03.11
4. G.O.(2D) No.126 Health and Family Welfare (EAP I/1) Department dated:15.11.10

#### Read also:

From the Project Director, Tamil Nadu Health Systems Project, Letter No.16176 / E1 / HSP / 2013 dated:09.08.2014.

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#### ORDER:

In the Government order first read above, the Government have accorded sanction for a non-recurring expenditure of Rs. 501.55 lakh towards hiring a Consultancy Firm to develop and implement a Comprehensive Health Management Information System (HMIS) Software in all the secondary level hospitals in the State. In the Government order second read above, the Government revalidated the orders issued in the Government order first read above. In the Government order third read above, the Government, among others, accorded sanction for incurring an

expenditure of Rs. 474 lakh towards payment to M/s. Tata Consultancy Services for designing, developing and implementing Health Management Information Systems in hospitals under the control of Director of Medical Education, Office of the Director of Medical Education , along with the development and implementation of College Management Software for 19 Government Medical Colleges and Tamil Nadu Dr. MGR Medical University and providing application maintenance for a period of 3 years for the Phase I, Phase II and Phase III Health Management Information Systems. In the G.O. fourth read above, sanction has been accorded for implementation of Non-Communicable Diseases Intervention program in all the districts in Tamil Nadu.

2. The Project Director, Tamil Nadu Health Systems Project has reported in his letter dated:09.08.2014 that initially when the application was developed, the software stack used was Solaris Operating System, SUN Java web, server, Glassfish application server and PostgreSQL database, when the entire software stack was open source which allowed Tamil Nadu Health Systems Project to use it by downloading, free of cost and that Health Management Information Systems being a mission critical activity, the support for the software stack was alone procured, so as to resolve any issue that may arise during the use of the software stack for Health Management Information Systems application. The Project Director has further reported that the firm which provided support for the Solaris, SUN webserver & Glassfish was taken over by a proprietary firm, M/s. Oracle, which had recently informed that they will only support their proprietary software on their hardware and will not continue to support the open source software, that this necessarily will lead to vendor lock-in for both hardware and software components, that the firm also recently announced that it would not commercially support newer versions of Glassfish application server, that during the recent Phase III server tender, the cost quoted was exorbitantly high due to monopoly of the proprietary firm and that hence it was decided to move the Health Management Information Systems to a more openly supported software stack that will attract many bidders. He has also reported that a Committee was constituted under the chairmanship of Managing Director, ELCOT and including members from ELCOT, National Informatic Centre – Tamil Nadu State Data Centre, Tamil Nadu Health Systems Project, M/s Tata Consultancy Services & M/s Wipro- Tamil Nadu State Data Centre and in the meeting of the Committee held on 23 December, 2013, it was agreed to the proposal of Health Management Information Systems application vendor to migrate a portion of Health Management Information Systems, which includes Management Information System, College Management System and Government Medical College Websites to open source Linux, Tomcat, JBOSS and PostgreSQL, which would give an option to float a tender with technical specifications that will attract more competitive bidders to participate. He has also reported that the migration to a more openly supported software stack was also approved by World Bank and that it was also decided that once the initial MIS/CMS/website migration is stabilized, Hospital Management System will also be migrated to the more openly supported software & hardware stack.

3.The Project Director has also reported that under the existing Health Management Information Systems activities, the Tata Consultancy Services had developed the Non Communicable Diseases online screens which are very

important element for facilitating online data entry and analysis, which are also to be revised, for which payment has to be made to M/S Tata Consultancy Services.

4. The Project Director has also reported that the Health Management Information Systems (HMS/MIS/CMS/website) screens & modules developed under Health Management Information Systems Phase I & Phase III are based on the SRS document approved by the Tamil Nadu Health Systems Project. The change requests are being frequently submitted by various end users and officials. The change request consuming an effort of less than 3 man-days are covered under the existing contract and that the change request consuming more than 3 man-days are to be considered as an additional requirement and to be covered under a separate contract, for which payment has to be made.

5. For the above purposes, the Project Director, Tamil Nadu Health Systems Project had placed a proposal before the State Empowered Committee in the meeting held on 01.08.2014 for sanction of an additional amount of Rs. 49,88,784 for the following activities mentioned below:-

S.No	Description	Cost in Rs.
1	Migration of MIS / CMS / websites to more openly supported software & hardware stack	25,00,000
2	Modification of NCD online Screens	4,50,000
3	Management of Change request on HMIS (HMS/MIS/CMS/website) by end users & officials	14,90,000
4	Service Tax @ 12.36%	5,48,784
	<b>Total</b>	<b>49,88,784</b>

The proposal with the above cost details was placed before the State Empowered Committee for its approval for the following:-

- a) To sanction approval for migrating Management Information System / College Management System and Government Medical College Websites to Linux, Tomcat, JBOSS and PostgreSQL
- b) To sanction approval for management of Change request for Health Management Information System (HMIS/MIS/CMS/Website)
- c) To accord permission for the revision of Non Communicable Diseases online screens.
- d) To sanction Rs.49,88, 784/- (Rupees Forty Nine Lakh Eighty Eight Thousand Seven Hundred and Eighty Four only) towards the payment for the consultant for carrying out the activities of migration of Management Information System, College Management System, Website , revision of Non Communicable Diseases Screens and Change management of Health Management Information System.

- e) To permit the Project Director, Tamil Nadu Health Systems Project to enter into a contract with M/s Tata Consultancy Service by way of Single Source Selection process for the above purpose.
  - f) The Justifications principally agreed by World Bank for Single Source Selection process for the migration and change management proposal are as follows:-
    - i. The Migrating the Management Information System /College Management System / Websites, modification of Non Communicable Diseases screens and management of changes request is a nature continuation of previous software development carried out by the firm
    - ii. Continuity in the technical approach, experience acquired and continued professional liability of the same Consultant is preferable than a new competition as the consultant performance in the previous assignment is satisfactory.
6. The State Empowered Committee had approved the proposal.
7. This activity has been approved by the World Bank and comes under Component III and Sub-component A. The expenditure is eligible for reimbursement from the World Bank.
8. The Government after careful consideration of the proposal of the Project Director, Tamil Nadu Health Systems Project, hereby accord sanction for incurring an expenditure of Rs.49,88,784.00 (Rupees Forty Nine Lakh Eighty Eight Thousand Seven Hundred and Eighty Four only) to carry out the activities mentioned at para 5 above, as approved by the State Empowered Committee.
9. Accordingly, the Project Director, Tamil Nadu Health Systems Project, is permitted to enter into a contract with M/s. Tata Consultancy Services by way of Single Source Selection process for the above purpose
10. He is also permitted to make payment of Rs. 49,88,784/- (Rupees Forty Nine Lakh Eighty Eight Thousand Seven Hundred and Eighty Four only) for the application Vendor / consultant and also to make payment towards all necessary statutory taxes viz. Sales Tax, VAT, Service Tax etc. Any modifications made subsequently in the statutory taxes will also be borne by the State Government.
11. The Project Director, Tamil Nadu Health Systems Project is further permitted to increase / decrease the number of equipment to be purchased and increase / decrease the number of hospitals or change the hospitals to be provided with these facilities based on need and requirement within the overall amount sanctioned and he is also permitted to reallocate the non-recurrent cost within and across the components / equipment without exceeding the total amount sanctioned.

12. The expenditure sanctioned in para 8 above shall be debited to the following head of account:

“2210- Medical and Public Health – 01 – Urban Health Services – Allopathy – 800 Other Expenditures – Schemes in the Twelfth Five Year Plan- II State Plan – PA. Tamil Nadu Health Systems Society – 09. Grants – in –Aid – 03. Grants for Specific Schemes” (DPC: 2210-01-800-PA 0939)

13. This order issues with the concurrence of the State Empowered Committee constituted in G.O. (Ms).No.28, Health and Family Welfare Department, dated 28.02.2005 and Finance Department vide its U.O.No.49890/H-II/2014 dated: 01.10.2014.

(BY ORDER OF THE GOVERNOR)

J.RADHAKRISHNAN  
SECRETARY TO GOVERNMENT

To  
The Project Director,  
Tamil Nadu Health Systems Project, Chennai– 6.  
The Principal Accountant General (A&E), Chennai – 18.  
The Principal Accountant General (Audit I), Chennai -18.  
The Pay and Accounts Officer (South), Chennai – 35.  
The Director of Medical and Rural Health Services, Chennai -6  
The Managing Director, ELCOT, Chennai – 35.

Copy to:

The Secretary to Government of India,  
Ministry of Health and Family Welfare, New Delhi – 11.  
The Country Director – India, The World Bank, New Delhi Office,  
70, Lodhi Estate, New Delhi – 3.  
The Finance (Health –II )Department, Chennai – 9.  
Health and Family Welfare (Data Cell) Department, Chennai-9.  
SF/SC.

// FORWARDED BY ORDER //

*15/10/2014*  
SECTION OFFICER