



ABSTRACT

Tamil Nadu Health Systems Project – Implementation of web based HMIS and HMS in all project hospitals – Appointment of 27 Technical Coordinators (IT) and 3 Server Administrators through M/s ELCOT - Proposal approved - Orders issued

HEALTH AND FAMILY WELFARE (EAP I/1) DEPARTMENT

G.O.(2D) No. 87

Dated : 14.08.2010
Thiruvalluvar Aandu 2041
Vikruthi, Aadi-29

Read

- (i) G.O.(2D).No. 68 Health and Family Welfare (EAP I/1) Dept., dated 29.08.2005
- (ii) G.O.(2D) No. 88, Health & Family Welfare (EAP I/1) Dept., dated 21.10.2009

Read also

From the Project Director, Tamil Nadu Health Systems Project,
Letter.No.4038 /HSP/E1/2010, dated 06.08.10

ORDER:

In the G.O first read above, the Government sanctioned the implementation of a web based Hospital Management Information System which includes Hospital Management Systems and Patients Electronic Medical Records Database.

2. The Project Director, Tamil Nadu Health Systems Project has stated that the pilot and Phase I have been successfully implemented and the results are encouraging, that the scheme is now being up scaled to the remaining 222 hospitals across 26 districts and that based on the pilot and Phase I experience, one Technical Coordinator(IT)has already been posted in the 5 Phase I districts and One Technical Coordinator (IT) posted at the Tamil Nadu Health Systems Project office to maintain the HMIS help desk as per the G.O second read above.

3. The Project Director, Tamil Nadu Health Systems Project has further stated that a proposal for outsourcing of a Technical Coordinator (IT) in each district and in Project Management Unit in phases was placed before the State Empowered Committee in its sixth meeting held on 24.03.2009 and that the State Empowered Committee had agreed to the proposal and suggested that "the Technical Coordinator (IT) has to be outsourced and placed as and when the scheme expands

to the districts in phases". Since action has been initiated for procurement of hardware for implementing HMIS in Phase II hospitals, the Project Director, Tamil Nadu Health Systems Project has placed a proposal before the State Empowered Committee in the 9th meeting held on 03.08.2010 for appointment of 27 IT Technical Co-ordinators (26 numbers one for each of the remaining districts and one at the HMIS help desk) and 3 Server Administrators, who will work on a shift basis, to be outsourced through M/s Electronics Corporation of Tamil Nadu Limited till the end of the project period and also to continue the services of the existing 6 numbers of Technical Co-ordinators (IT) till the end of the project period. The State Empowered Committee has approved the proposal. The Project Director has requested the Government to issue orders in the matter.

4. This activity comes under Component III Sub component A in the Project Implementation Plan document approved by the World Bank. The expenditure involved is reimbursable by World Bank.

5. The Government after careful consideration, accord sanction for creation of 27 temporary post of Technical Co-ordinator (IT) and 3 posts of Server Administrator to be filled up by outsourcing through M/s Electronics Corporation of Tamil Nadu Limited. The Technical Co-ordinator (IT) shall be paid the following contract payment

- (a) Contract payment @ Rs.12,900 per month
- (b) Travel + accommodation Rs. 2,500 per month
- (c) Telephone expenditure Rs.500 per month

The Server Administrator shall be paid a contract payment of Rs. 20,000 per month. The qualification and job description for the post are indicated in Annexure I to this order

6. Sanction is also accorded for continuing the services of the existing 6 Technical Co-ordinator (IT), sanctioned in the Government Order second read above till the end the project period.

7. Sanction is accorded for incurring an expenditure of Rs. 2,26,88,924/- (Rupees two crores twenty six lakhs eighty eight thousand nine hundred and twenty four only) towards contract payment for the Technical Co-ordinators (IT) and Server Administrator including provision towards travel and accommodation expenditure, cell phone expenditure, Service charges and Service Tax, as detailed in the Annexure II to this order

8. The Project Director, Tamil Nadu Health Systems Project is permitted to enter into a contract with Managing Director, M/s Electronics Corporation of Tamil Nadu Limited for outsourcing the Technical Coordinators (IT) and Server Administrator as per a contract agreement to be signed between them, for the entire project period.

9. The expenditure shall be met from the Society Grants.

10. 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. 30/US(NK) /10 dated 14.08.10

(BY ORDER OF THE GOVERNOR)

V.K.SUBBURAJ
PRINCIPAL 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 Managing Director, M/s Electronics Corporation of Tamil Nadu Limited,
Nandanam, 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 – I) Department, Chennai – 9.
SF/SC.

/ FORWARDED / BY ORDER /

[Signature]
SECTION OFFICER

ANNEXURE - I**a. Qualifications for Technical Coordinator (IT)**

- (i) Diploma in Electronics and Communications / Information Technology / Computer Science / B.Sc Computer science / BCA or an equivalent degree in Electronics and Communications / Computer Science with Network Certification with one year Experience
or
Diploma in IT / Computers from an institution recognized by the Director of Technical Education with Network Certification with two years Experience
- (ii) Good communication skills and willingness to travel within the district regularly.
- (iii) Adequate background in Linux Operating system especially SUSE LINUX with IP configuration and printer sharing.

b. Job Description for Technical Coordinator (IT)

- 1) Hardware, networking and infrastructure support – including asset details maintenance, coordination with suppliers/AMC support; TNSWAN, UPS, Connectivity, LAN; etc.
- 2) Implementation support.–
 - 1. Ensure/coordinate for users IDs, training and implementation of modules
 - 2. Follow up with TNHSP coordinators in respective locations
 - 3. Participate in Training for end users – facilitation, etc.
- 3) Travel to various locations/hospitals within the district to facilitate infrastructure set up checks/ repair/restoration periodically and as and when required
- 4) Follow up on infrastructure set up with vendors/hospitals/other locations and report details with escalation, etc.
- 5) Carry out Physical verification of infrastructure installations and report status of infrastructure set up at various sites as and when needed
- 6) Coordinate with TNMSC, TNHSP, HMIS coordinator and TNHSP District Coordinators, Deputy Directors of Health Services and District Health Society for implementation of activities in all locations within the respective districts
- 7) Ensure written/email communication of all status, activities reporting to JD, SBHI/JDHS/MERC/ TNHSP teams regularly
- 8) Maintain call log and handle help desk at district level for hardware/infrastructure, support
- 9) On site Trouble shooting –
 - 1. Should handle support/minor fixes for Software (Linux, etc), LAN, PCs, connectivity, UPS etc
 - 2. Follow up with AMC / Vendors for early remedy of issues/breakdown as reported by various locations
 - 3. Follow up with TNSWAN at district and State level regarding any connectivity related issues

- 10) Undergo training on HMIS modules from TCS team – functional and technical training for implementation support; end users training and trouble- shooting.
- 11) Motivate users for continued usage of on line system at hospitals
- 12) Coordinate with TNHSP/TCS team for implementation activities and undertake activities as planned from time to time including additional training requirements.
- 13) Facilitate/coordinate/collect master data collection at Hospitals, District offices, etc. as needed
- 14) Undergo training on Application –
 User level
 Administrator level
 Master data upload activities
- 15) Provide support for Data Administration related updates – for user IDs creation, password reset, etc. at district level for institutions in district
- 16) Record and update Change requests from end users and forward to the State team
- 17) Send detailed status reports by email as per the frequency and format defined.
- 18) He/She shall carry out trouble shooting and fault diagnosis
- 19) Report Faults in the equipments for immediate necessary action
- 20) Follow up with various agencies for rectification of faults.
- 21) He / She shall maintain all records pertaining to site equipments
- 22) Any other responsibility that may arise from time to time.
- 23) He / She shall maintain a diary of activities performed by him / her each day and submit it to the Controlling Officer once a week.

C. Qualifications for Server Administrator:

- Bachelor (4-year) degree, with a technical major, such as engineering or computer science.
- Systems Administration/System Engineer certification in Solaris
- Should possess knowledge in SUN Solaris 9 and above - Installation, Administration and Troubleshooting with **SUN SPARC Entry Level and Mid Range Servers.**
- Experience on Implementing **SUN Volume Manager (SVM)** and **Veritas Volume Manager 5.x**.
- Hands on experience in Maintenance and troubleshooting with **SUN StorEdge Tape Libraries C4 & C2** and **SUN RAY Thin Clients** server connectivity with **SUN RAY Server Software 4.**
- Strong knowledge of hardware and software configurations, including clustering technologies, complex storage technologies, and multi-domain systems

D. Job Description for the Server Administrator:

- Perform various system administration functions in production environment
- Maintain and configure servers running open Solaris and Linux
- System performance and tuning

- Repair and recovery from hardware or software failures.
- Coordinate and communicate with other departments
- Liaise with external suppliers
- Postgre SQL -Database Management
- Send detailed status reports by email as per the frequency and format defined.
- Report Faults in the equipments for immediate necessary action
- Follow up with various agencies for rectification of faults.
- He / She shall maintain all records pertaining to site equipments.
- Any other responsibility that may arise from time to time.
- He / She shall maintain a diary of activities performed by him / her each day and submit it to the Controlling Officer once a week.

/ TRUE COPY /

Dr. B. M. Wadhvani
SECTION OFFICER

10

193A

4

ANNEXURE - II

Sl. No.	Activity	Unit Cost (Rs.)	Total Cost for 3 years (Rs.)
1	Contract payment @ Rs. 12,900/- per month per Technical Co-ordinator (IT) for 33 Co-ordinators from the date of joining for duty(will be applicable from the date of extension for the existing 6 Coordinators)	Rs. 12,900 x 33 x 36 months	1,53,25,200
2	Provision for Travel and Accommodation expenditure @ Rs. 2,500/- per month per Technical Co-ordinator (IT) for 36 months for 33 Co-ordinators	Rs. 2,500 x 33 x 36 months	29,70,000
3	Provision for Telephone Expenditure Rs. 500/- per month per Technical Co-ordinator (IT) for 36 months for 33 Co-ordinators and three server administrators	Rs. 500 x 36 x 36 months	6,48,000
4	Contract payment for the server administrator	Rs 20,000 x 3 x 36 months	21,60,000
5	Resource person fee- training purposes for 33 IT Technical Coordinators and three server administrator for three years		3,00,000
6	Conducting monthly Review meetings- refreshment/TA-DA charges for three years		9,00,000
7	Service Charges for ELCOT @ 2 % of the Contract payment Rs.1,74,85,200/- (for 33 IT technical coordinator + three server administrator)	Rs.1,74,85,200 x 2%	3,49,704.
8	Service Tax @ 10.30 % of Rs. 3,49,704/-	Rs. 3,49,704 x 10.30%	36,019.
	Total Cost		2,26,88,923. Rounded Rs. 2,26,88,92

/ TRUE COPY /

Dr. B. Srinivasan
SECTION OFFICER

ANNEXURE

123

List of Districts where the Technical Co-ordinator (IT) to be posted.

1. Chennai
2. Kancheepuram
3. Tiruvallur
4. Vellore
5. Tiruvannamalai
6. Villupuram
7. Cuddalore
8. Tiruchirapalli
9. Thanjavur
10. Salem
11. Namakkal
12. Ramanathapuram
13. Sivaganga
14. Virudhunagar
15. Tirunelveli
16. Thoothukudi
17. Nagapattinam
18. Madurai
19. The Nilgiris
20. Erode
21. Coimbatore
22. Karur
23. Dindugal
24. Tiruvarur
25. Perambalur
26. Tiruppur
27. Ariyalur


For Project Director