GOVERNMENT OF ANDHRA PRADESH
HEALTH, MEDICAL AND FAMILY WELFARE (M2) DEPARTMENT


Sub: - AHCT-Implementation of Aarogyasri – Procurement of Hardware by AHCT in place of assets owned by SHAIC the existing Vendor – Ratification – Orders – Issued

Ref: - From the Chief Executive Officer, Aarogyasri Health Care Trust Hyd, Lr.No AHCT/2987/PMU/IT/7/2012, dated: 27-09-2012

In the letter cited, the Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has informed that the Government have issued instructions that the Govt. of A.P. has built A.P. State Data Centre (APSDC) in the A.P. Financial District at Manikonda village to cater for the Data centre needs of all the departments of the State Governments under National e-Governance Plan (NeGP) of DIT, Government of India. It is also informed that at the time of inauguration of the APSDC, suggestion was made by Hon’ble C.M and Hon’ble Minister for Information Technology that all major servers, database and software applications of all the departments be integrated to be hosted at the State Data Center at the earliest. In this regard the Special Chief Secretary to Government, HM&FW was requested to migrate the infrastructure of the respective department to APSDC immediately vide Lr.No.55(238)/Infra/IT&C/2011, Dated: 29-08-2011.

2. In pursuance to the instructions, the Board of Trustees in their meeting held on 28.12.2011 vide Board Resolution No. 232/2011, authorised Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad to set up a Data centre at APSDC, Gachibowli and a near Data Centre site for disaster recovery at Trust premises.

3. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has further informed that at present the hardware data base and software application are located in the premises of M/S Tata Consultancy Services, Hyderabad in their data centre and all the assets are owned by the then Insurer i.e. Star Health and Allied Insurance Company (SHAIC). The security audit of Aarogyasri application has been entrusted to Standardization Testing and Quality Certification (STQC) Directorate and testing of software is under progress, which is mandatory for hosting the application at SDC. The assets mentioned in the pre-para owned by SHAIC were requested to be transferred to Trust. The rates quoted by SHAIC are almost equal to the new servers available and the Trust, therefore, felt that it can be procured in the open market. Further, the hardware was purchased by SHAIC during 2007 at the time of launching the scheme and the life of the machinery is more than 5 years. Secondly it is also to mention that the part of Aarogyasri scheme which is being run under Insurance mode under all phases was ended by July 2012 and thus they have no business with the Aarogyasri Health Care Trust in connection with the scheme.

4. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has informed that the Secretary IT&C department in GO Rt.No.268, dated: 08.08.2008, while indicating the minimum IT Hardware Configuration and their indicative productive life suggested that for critical 24x7 applications, high end servers to be utilized and the servers sizing should be based on actual requirement and the economical life be taken as 5 years.

5. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has proposed to purchase new hardware required by the Trust for hosting the application at SDC and near DR site. A proposal was obtained from the existing vendor i.e. M/S Tata Consultancy Services, Hyderabad on the proposed hardware to be procured for hosting the application at SDC. The M/S Tata Consultancy Services had submitted a proposal at a cost of Rs. 4.7 Crores for procuring the Servers and storage from IBM hardware required for hosting the existing Aarogyasri application at SDC and the near DR site at Trust.

/p.t.o./
6. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has also proposed to go ahead with procuring technical stack, as per the requirements of the application and recommendations made by M/S Tata Consultancy Services, as mentioned below:

**Hardware servers and storage from IBM:**

a. Right from the inception of the project, IBM machines were used as part of the solution from hardware and storage front. There are x-series machines for the web and application layers, the IBM Power machines for the database layers and N3600 from IBM as Storage NAS box.

b. It was observed that the performance and reliability of the infrastructure environment is satisfactory over the period of last 5 years. It has been proposed to retain the IBM servers of P750 machines procured by STAR and which are still under warranty apart from the other IBM servers which are being used for SAS BI tool application.

c. With a view to minimize the number of vendors for the same is environment and opts to have one vendor solution wherever it is possible. This would reduce the interoperability and compatibility issues and simplifies the Vendor Management during the maintenance.

d. The Aarogyasri database solution is built on Oracle 10g Enterprise data base stack. The same stack is used in developing databases of the back office application and 104 - MHSS application too. The solution has been working to the expectations of the TRUST and has meeting the load/performance and security needs of the Scheme. Any change in the current stack would need a lot of effort in terms of cost and effort towards the development of new database solution and migration from Oracle to new database solution and stability post migration. Also, there will not any guarantee on the same performance and security from the new database until and unless it is tested thoroughly for the functionality, performance and security aspects.

e. Therefore, it is proposed to go ahead with the existing technical stack which is used for the Aarogyasri solution and proven over the period of time rather than experimenting on the new solution.

7. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has stated that a Technical Committee was constituted by the Trust, with the officers from National Informatics Centre and IT&C department of Government of Andhra Pradesh as members, analysed the technical configuration proposed by M/S Tata Consultancy Services and held detailed discussion on the necessity of purchasing the servers of a particular brand i.e. IBM as suggested by M/S Tata Consultancy Services and observed that from the initial day of the project the applications and databases are running on the IBM based servers and the servers have been running without any issues and the performance has been good so far. The Committee had discussion on the performance issues of the application if different brands of servers are used in production and that it was felt that there may be problems of compatibility of the application, database and the hardware. It was also discussed that the new vendor/vendors may take substantial time to understand the requirements of the application and get stabilized. The Committee also felt that the Aarogyasri Scheme being mission critical and should run 24X7 without any hindrance; it would be difficult to manage the present application if multiple brands of servers are integrated together and disagreed with the suggestion of Joint Director (IT&C) for procuring the hardware through APTS and agreed to purchase hardware as proposed by M/S Tata Consultancy Services.

8. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has also informed that Government have issued instructions vide G.O.Ms.No.186, H&FW(M2) Dept, Dated:14-08-2012 at item (iv) (c) under Role of CEO. AHCT to “deploy the IT infrastructure needed for the Employee Health Care Fund scheme in State Data Centre

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as a private cloud duty integrating with the existing hardware infrastructure by the due date; and authorised to finalise the procurement and deployment of IT Infrastructure through the existing vendor in view of urgency and compatibility with existing technology.

9. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has also informed that the Administrative Sanction Committee of AHCT examined the proposal submitted by M/S Tata Consultancy Services, Hyderabad and they found that the rates quoted by the TCS are less when compared with the rates of the dealers of IBM / CISCO and other branded companies, as M/S Tata Consultancy Services is the Golden Partner with IBM/Oracle/ CISCO. Since the rates quoted by TCS were the lowest, and in view of the orders issued in G.O.Ms.No.186, dated 14-8-2012 allowing the CEO AHCT to finalise the procurement and deployment through the existing vendor and keeping in view the urgency on launching of the scheme, it was proposed to purchase new hardware required by the Trust for hosting the application at SDC and near DR site from the existing vendor i.e., M/S Tata Consultancy Services, Hyderabad. A proposal in this regard was obtained from the existing vendor and the TCS had submitted a proposal at a cost of Rs. 4.7 Crores for procuring the Servers and storage from IBM hardware required for hosting the existing Aarogyasri application at SDC and the near DR site at Trust. As mentioned above, since the financial quote given by TCS was found far less than the dealers of IBM / CISCO and other branded companies, purchase order was placed on M/S Tata Consultancy Services vide order dated 30-8-2012 at a contract price of Rs. 4.70 Crores to supply hardware and software subject to the condition that the firm should deliver the goods within 6-8 weeks.

10. The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad has therefore requested the Government to consider the issue of procuring the hardware from M/S TCS on the reasons mentioned above in detail and to ratifies the action of CEO, AHCT in procuring the hardware for Data centre(2C) and for Disaster recovery (DR) at a cost of Rs. 4.70 Crores.

11. The Government after careful examination of the matter, hereby ratify the action of Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad in procuring the hardware from M/S Tata Consultancy Services, Hyderabad for Data centre(2C) and for Disaster recovery (DR) at a cost of Rs. 4.70 Crores. (Rupees Four Crores and Seventy Lakhs only).


K.R. KISHORE
Principal Secretary to Government

To:
The Chief Executive Officer, Aarogyasri Health Care Trust, Hyderabad.

Copy to:
The OSD to Minister (ME)
The P.S. to Prl. Secy. to Govt., HM&FW Deptt.
S.C.I.S.F.

//forwarded :: by order!!

SECTION OFFICER.