

MINUTES OF THE MEETING OF TECHNICAL COMMITTEE FOR THE EVALUATION OF PROPOSALS SUBMITTED BY M/s KELTRON FOR THE EXTENSION OF TECHNICAL SUPPORT, MODIFICATION/ENHANCEMENT OF AIMS SOFTWARE AND PROCUREMENT OF COMPUTER HARDWARES & PHOTOCOPIERS IN RESPECT OF KERALA STATE AUDIT DEPARTMENT HELD ON 13-02-2019 -AT VIKAS BHAVAN

Convenor

Sri.D.Sanky,Director,KSAD

Participants

Dr.Elizabeth Sherly,Professor,IIITM-K

Sri.Krishnan B Nair,Domain Expert,KSITM

Sri.Nishanth.S.R,SeMT,Kerala

Sri.Bonny.P.P,Assistant Manager,KELTRON

Smt.Abin Babu,Programmer,KELTRON

Sri.Manoj K Nair,Audit Officer ,KSAD

Sri.Anil Kumar Y,Senior Grade Auditor,KSAD

Sri.Beenish G,Senior Grade Auditor,KSAD

Smt.Maya Vijay,Principal Consultant,KRAN/KELTRON

Sri.Pradeep K.S,Consultant,KRAN/KELTRON

Sri.Romi Lal.P,Software Engineer,KRAN/KELTRON

Agenda

- I. Extension of Technical Support for AIMS & CE Software
- II. Aims – Modification- Effort Quantification & Cost Estimation evaluation
- III.Procurement of Computer Hardwares & Photocopiers through CPRCS

The Meeting commenced at 11AM and was presided by the Convenor of Technical Committee & Director of Kerala State Audit Department.Due to unavoidable last minute commitments Mr.Muraleedharan,SeMT Head and Mr.Anil Kumar, Joint Director(IS) Finance Department had expressed their inconvenience to attend the meeting. Mr.Nishanth.S.R, Consultant (Technology Management),SeMT was deputed to participate in the scheduled meeting and evaluate the Proposals submitted.The Meeting began with the introduction with participants and the proposals submitted by M/s. KELTRON was evaluated to the core by the Technical Committee and the following recommendations were made.

1)Extension of Technical and Maintenance Support:

Technical Support has been provided for AIMS Software as well as Charitable Endowment Software since their implementation on an yearly basis after Obtaining necessary Administrative Sanction from the Government. Since the Contract of Two Onsite Technical support Provided at the Directorate of KSAD and Three Off-Site Technical Support Provided by KELTRON Expires on 21-02-2019, the detailed proposal furnished by KELTRON on 21-01-2019 was thoroughly evaluated based on the Services offered from 2011 till date along with the logs and following decisions were made.

I. The Services of Two Onsite and Three Off-site Technical/Maintenance Support Staff may be extended for a period of two Years from 22-02-2019 to 21-02-2021 considering the fact that there is no Annual Maintenance Contract for the above software subject to the Sanction by the Government.

II. The above Technical Support provided are to be Utilised for AIMS and Charitable Endowment Software. No additional Technical Support Staff shall be provided upon further rollout of AIMS Software in other Sub-Offices like KHRWS Audit ,KSHB Audit, SIL Audit, SIEP Audit , TWC Audit ,Devaswom Board Audit, Welfare Fund Audit, Development Authoritoes Audit during the tenure of the agreement.

III. The complaint Escalation Matrix and Penalty Clauses mentioned in the Government Order No. GO(Rt) No. 2441/2018/Fin dtd 23.03.2018 .shall be strictly implemented for the present agreement tenure in respect of the Technical/Maintanence Support.

IV. The Rate of ₹70,000/Manmonth for On-site Technical Support, ₹60,000/Manmonth for Off-site Technical support fixed by the Government shall be granted for the proposed tenure. The Rate for Major Modification in respect of AIMS and CE software Fixed by the Government at ₹60,000/Manmonth shall be continued to the present tenure also.

V. The duties and services of Technical/Maintenance support thoroughly evaluated and the following duties were approved.

- I. Attend and respond to all support calls/ emails received from Office Coordinators of Directorate/ sub offices of KSAD/Auditee Institutions
- II Identify,Co-ordinate and do necessary follow up with Off site team on criticalbugs /blockers reported in the software
- III Provide hand holding support to Directorate Users and instant clarification of doubts w.r.f software flow
- IV Provide hand holding support to Sub Office Users in Thiruvananthapuram District and clarification of doubts w.r.t software flow as per request.
- V Consolidation of Enhancements/Modification requested by Office Coordinators and Reporting it to IT wing for verification and follow up.
- VI Sorting the Enhancement/ Modifications into Major / Minor and reporting it to the IT wing of KSAD for consolidation and further onward action.
- VII Reporting to the Offsite team/ IT wing of KSAD whenever database corrections are required
- VIII Follow up with Offsite team to ensure that all calls are closed within the stipulated time
- IX Attending the Weekly/Monthly meetings of Technical Support , E & M
- X Preparation of Log reports on weekly/Monthly Basis of the onsite Technical Support activities carried out and submission to the IT wing of KSAD for verification
- XI Provide Enduser training whenever required to Directorate/ Sub Offices within Thiruvananthapuram District and also to other Endusers of Sub offices outside Thiruvananthapuram District and Endusers of Auditee institutions through workshops at Thiruvananthapuram with any cost.
- XII Provide Enduser training whenever required/requested to Employees of Sub Offices of KSAD outside Thiruvananthapuram District and also to give training to the employees of Auditee institutions
- XIII Provide Technical support and Enduser training to CE software
- XIV Provide onsite Technical support to all softwares implemented or to be implemented as per the Modification/ Enhancement provisions of AIMS
- XV Constant monitoring and Issue reporting to the Offsite Technical Support Team
- XVI Provide the status update of complaint or issue reported to the complaint escalation matrix team at Service provider level.

- XVII Provide detailed report to the Complaint Escalation Team in case of inordinate delay in settling an issue after consultation with the Offsite Team and Technical Support Technical in charge
- XVIII The offsite Technical Support personnel shall attend and respond to all support calls/emails that are received offsite.
- XIX The offsite Technical Support personnel shall fix the critical bugs/ blockers reported in the software in accordance with the time limit specified to the complaint escalation matrix team
- XX The offsite Technical Support personnel shall perform necessary data base corrections
- XXI The offsite Technical Support personnel shall perform the installation and Hosting of Software for providing necessary training
- XXII The offsite Technical Support personnel shall maintain the log of offsite support activity.

VI. Since Technical/Maintenance support for AIMS and Charitable Endowment Software is inevitable considering the magnitude of the usage and a possible time delay is expected in obtaining the administrative sanction for the proposed extension, the present status quo of the Technical Support/maintenance shall be continued even after 21.02.2019 subject to ratification by the Government.

VII. The Committee approved the scope for review the rates for Technical/Maintenance support & Modification after scrutiny during the next renewal of contract & Subsequent Approval by Government.

2) AIMS Modification/Enhancement.

The proposal submitted by M/s. Keltron for the Major Modification regarding Alignment issues of Audit Report was evaluated in detail and the effort quantification & Cost estimation of 361200/- (Excluding Taxes) was found to be reasonable and acceptable as per the provisions of the Go(RT) No 2441/2018/fin dated 23/03/2018 subject to minor changes in the modification points mentioned as serial no.18-26 and 28 -36 in the Effort quantification . Since the department has already secured Administrative sanction for the same vide Go(RT) no. 2441/2018/Fin dated 23/03/2019, Approval may be issued after rectification as mentioned above.

As rollout of Aims Software to various other sub offices of the department has been approved by the committee , it was decided to closely monitor the load factor. One immediate step recommended by the Technical Committee was to have a separate application and database Server at SDC. Hence further tweaking and upgradation of the Sever may be planned in consultation with KSITM Authority consider increasing the space capacity of the SDC cloud server in order to prevent the shortcoming in casev of overload. The matter maybe taken with the KSITM authorities at the earliest.

3). Procurement of Computer Hardware & Photocopiers.

The proposal putforth by the department for the procurement of various computer and office Hardwares was scrutinised by the members with respect to the requirements of the Directorate as well as the Sub Offices and approved the proposed purchase of the following equipment as per CPRCS specification and rates approved by the Government through KeGIP portal subject to the receipt of administrative sanction from the Government.

Item	Numbers	Unit Cost as per CPRCS rates	Remarks
Desktop Computers (Ubuntu)	26	32090	Approved Specifications is attached herewith.
Desktop Computers (Windows)	3	41259	
Laptop	43	49579	
Scanner A4 Flatbed	16	5952	
Printer A4 Laser	7	10872	
Multifunction Printer A4	16	16665	
Photocopier A3	7	37046	

The meeting Concluded at 12.45 PM.


DIRECTOR
KERALA STATE AUDIT

Price List of Products with Detailed Technical Specifications

Sl. No.	Product Description	Price (Inclusive of GST & TSP Charges)
Desktops		
1	<p>Desktop Medium End Ubuntu Processor: Intel Core i3 7100 (3.9 GHZ,4 threads,3 MB cache) Chipset: compatible Chipset Motherboard: OEM Motherboard Memory: 4 GB DDR4 RAM upgradable to 16 GB. Hard Disk Drive: 1.0TB 7200 rpm or higher. Monitor: 19.5 inch or larger TFT/LED HD Digital Colour Monitor with IPS display panel. same make as PC Keyboard: USB interface. Keyboard. Same make as PC. Mouse: Optical with USB interface. Same make as PC. Chassis: Chassis less than 16 L Ports:6 USB Ports or more (at least 2 USB 3.0 ports and two ports in front panel (atleast 1 should be USB 3.0), HDMI, Audio ports. Optical Drive: 8X or better DVD RW Drive. Networking facility: 10/100/1000 on board integrated Network Port, & Wi-Fi 802.11 b/g/n connectivity Certifications: a. ROHS Compliance for Product b. ISO 14001 for OEM c. EPEAT Registered in India Warranty: 5 year comprehensive on-site warranty including Monitor. Operating System :"Ubuntu 16.04 or later should support"</p>	Rs. 32090
2	<p>Desktop Medium End windows 10 Home Processor: Intel Core i3 7100(3.9 GHZ,4 threads,3 MB cache) Chipset: compatible Chipset Motherboard: OEM Motherboard Memory: 4 GB DDR4 RAM upgradable to 16 GB. Hard Disk Drive: 1.0TB 7200 rpm or higher. Monitor: 19.5 inch or larger TFT/LED HD Digital Colour Monitor with IPS display panel. same make as PC Keyboard: USB interface. Keyboard. Same make as PC. Mouse: Optical with USB interface. Same make as PC. Chassis: Chassis less than 16 L Ports: 6 USB Ports or more (at least 2 USB 3.0 ports and two ports in front panel (atleast 1 should be USB 3.0), HDMI, Audio ports. Optical Drive: 8X or better DVD RW Drive. Networking facility: 10/100/1000 on board integrated Network Port, & Wi-Fi 802.11 b/g/n connectivity Certifications: a. ROHS Compliance for Product b. ISO 14001 for OEM c. EPEAT Registered in India Warranty: 5 year comprehensive on-site warranty including Monitor. Operating System :Windows 10 Home</p>	Rs. 35559
3	<p>Desktop Medium End windows 10 Professional Processor:Intel Core i3 7100(3.9 GHZ,4 threads,3 MB cache) Chipset: compatible Chipset</p>	Rs. 41259

Laptops

4	<p>Laptop High End Ubuntu</p> <p>Processor: Intel Core i5 8250U, Clock Speed 1.6 GHz, 8 Processors, Turbo-boost 6NB Cache Memory, TDP Less than or equal to 15W</p> <p>Memory: 8 GB DDR4 RAM Expandable up to at least 16GB</p> <p>Hard Disk: 500GB, 7200rpm or Higher</p> <p>Display: Antiglare Full HD LED Backlit Display</p> <p>Display Size: 15.6"</p> <p>Wireless connectivity: Integrated wireless b/g/n, Integrated Bluetooth</p> <p>Speaker: Integrated Stereo Speaker</p> <p>Keyboard: Keyboard with Touch Pad</p> <p>Camera: Integrated HD Camera</p> <p>Audio: Integrated</p> <p>Expansion Port: 3 USB Ports, 10/100/1000 Ethernet Card, HDMI/DP, 1 Head phone/microphone combo or Separate & other Standard features</p> <p>Power Supply : 230V, 50Hz AC Supply with rechargeable Battery, Pack comprising of Li-Ion/Li-Polymer battery</p> <p>Mouse: Optical Scroll mouse</p> <p>Carry case: Backpack</p> <p>Weight: Less than or equal to 2 kg</p> <p>Warranty:</p> <ul style="list-style-type: none"> • 5 year comprehensive onsite including charger. • 3 Year Battery Warranty. <p>Certification:</p> <ul style="list-style-type: none"> • ROHS Compliance for Product <p>Operating System: Ubuntu 16.04 or later should support</p>	Rs. 49579
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Scanners

✓	<p>A4 Flatbed Scanner</p> <p>Scanner type: Flatbed</p> <p>Scan resolution: Minimum 600 dpi</p> <p>Papper Supported: A4</p> <p>Connectivity: USB 2.0 or Higher</p> <p>Warranty: 5 year comprehensive onsite warranty</p> <p>Supported OS: Ubuntu</p>	Rs. 5952.00
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Photocopiers

1	<p>A3 NETWORK MFP (Entry Level)</p> <p>Monochrome Laser</p> <p>Type: Printer/Copier/Scanner</p> <p>Copy/Print Speed: Minimum 20 PPM (A4)</p> <p>Paper Size: A4, A3</p> <p>RAM: Minimum 128 MB</p> <p>Resolution (Copier): 600X600 dpi or above</p> <p>Port: Network and USB</p> <p>Paper Tray Capacity: Min 100 sheet or higher</p> <p>Paper Feed Trays: Minimum 1 Tray and a Bye-pass Tray.</p> <p>Paper Sorting for Multiple Copies</p> <p>Warranty: 5 year comprehensive onsite warranty</p> <p>Features: Auto Duplex</p> <p>OS Support: Ubuntu</p>	Rs. 37046.00
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Printers

<p>1 ✓</p>	<p>A4 Monochrome Network Laser Printer Technology: Mono, Laser Min Print Speed: 22 PPM Memory : 64 MB or higher Interface : Hi Speed USB 2.0 and Network Port Print Resolution : 600*600 dpi Paper Tray Capacity (Input and Output) : Min-100 sheet or higher Duty Cycle : Minimum 5000 Pages per month Paper size: A4,A5,A6,B5,C5 Supported OS: Ubuntu Warranty: 5 year comprehensive onsite warranty Auto Duplex Printing.</p>	<p>Rs. 10872.00</p>
<p>3 ✓</p>	<p>A4 Multi Function Printer Type: Printer/Copier/Scanner Print Method: Monochrome Laser Paper handling: A4, Letter Paper capacity: 250 sheets + 1 sheet manual tray LCD Display Supported OS: Ubuntu Memory size: 32 MB Duty Life Cycle: 10000 pages per month Features: Support for ADF and Auto Duplex Warranty: 5 year comprehensive onsite warranty Printer Print Speed: 20 PPM or above Print Resolution: 600X600 dpi</p>	<p>Rs. 16665.00</p>

