1187020/2021/Director (Admin)

Haryana Government
Secretariat for Information Technology

हरियाणा सरकार
सूचना प्रौद्योगिकी सचिवालय

From

Principal Secretary to Government, Haryana,
Information Technology, Electronics and Communication Deptt.

To

(i)     Director General/Director
        Food, Civil Supplies & Consumer Affairs, Haryana.

(ii)    The Managing Director,
        Haryana State Electronics Development Corporation Limited,
        SCO 109-110, Sector 17-B, Chandigarh.

(iii)   State Informatics Officer,
        National Informatics Centre, Haryana State Unit, Chandigarh.

(iv)    Managing Director,
        Haryana Knowledge Corporation Limited,
        4th floor, HSIIDC-IT Park, Plot No. 1, Sector 22, Panchkula, Haryana.

(v)     Concerned Joint Chief Information Technology Officer, IT.

(vi)    Head SeMT

(vii)   Director, CDAC, Mohali.

(viii)  Centre Head, Software Technology Park of India, Mohali.

Memo No. 2/16/Vol.VII/16378          Dated: 21.09.2021

Subject: **125th Meeting of State Technical Committee- Minutes thereof.**

Sir/Madam,

I am directed to address you on the subject cited above and to enclose a copy of Minutes of the meeting held on 25.08.2021 under the Chairmanship of Principal Secretary to Government Haryana, Information Technology, Electronics and Communication Department, Haryana for information and necessary action.

Director (Admn)
for Principal Secretary to Government Haryana,
Information Technology, Electronics and Communication Deptt.

Endst. No. 2/16/ Vol.VII/ 16379          Chandigarh date, the 21.09.2021

A copy, alongwith its enclosure, is forwarded to Administrative Secretary to Government Haryana, Finance Department for information and necessary action.

Director (Admn)
for Principal Secretary to Government Haryana,
Information Technology, Electronics and Communication Deptt.

**1187020/2021/Director (Admin)**

Haryana Government
Secretariat for Information Technology

हरियाणा सरकार
सूचना प्रौद्योगिकी सचिवालय

Endst. No. 2/16/ Vol.VII/16380                    Chandigarh date, the 21.09.2021

A copy, alongwith its enclosure, is forwarded to Administrative Secretary to Government Haryana, Food, Civil Supplies & Consumer Affairs for information.

Director (Admn)
for Principal Secretary to Government Haryana,
Information Technology, Electronics and Communication Deptt.

Endst. No. 2/16/ Vol.VII/ 16381                    Chandigarh dated, the 21.09.2021

A copy, alongwith its enclosure, is forwarded to PS/PSIT- for kind information of Principal Secretary, IT.

Director (Admn)
for Principal Secretary to Government Haryana,
Information Technology, Electronics and Communication Deptt.

Endst. No. 2/16/ Vol.VII/ 16382                    Chandigarh dated, the 21.09.2021

A copy, alongwith its enclosure, is forwarded to PA/SSIT, IT – for kind information of Special Secretary, IT.

Director (Admn)
for Principal Secretary to Government Haryana,
Information Technology, Electronics and Communication Deptt.

Minutes of 125th State Technical Committee meeting held on 25th August 2021 at 11:30 AM, under the chairmanship of Principal Secretary, DITECH in his office room 429, 4th Floor, Haryana New Civil Secretariat, Chandigarh

List of the participants is attached at **Annexure 'A'**

**Agenda 1: RFP for selection of System Integrator for computerisation of FPS Operations.**

The Head SeMT apprised the Technical Committee about request of Department of Food Civil Supplies & Consumer Affairs for technical vetting of "RFP for selection of the SI for computerization of FPS operations" to IT Department. It was apprised that Head SeMT, JCITO TQ, SEO Food along with representative of Food department have worked on the previous RFP published and have made necessary changes incorporating the new suggestions and field experience of the Food Department. Committee was briefed that scope of SI covers the Supply, Installation and Maintenance of PoS Devices in 10,000 FPS in the State on Build-Own-Operate (BOO) Model and division of state in 2 different zones with approximately 5000 FPS each. It was also apprised that the draft specifications shared by GoI for the PoS devices have been followed. It was also briefed that considering the tender on L1 basis the Technical Qualification marking has been removed and all the required checklists have been placed in Pre-qualification criteria itself.

**The following discussions were held:**

a) The Committee desired to know if there is any deviation on the specifications of PoS devices. Director, Food submitted that the hardware specifications are finalized in compliance to the Govt. of India standard specifications for POS devices except following minor changes: **i)** The connectivity for PoS to have 3G/4G & BB/Wifi capabilities and 2G have been removed and **ii)** IRIS device authentication has been made mandatory (instead of optional) in order to address the beneficiaries with poor fingerprint detection at FP device and due to COVID pandemic.

b) The clause in GoI specifications regarding STQC Certification for any under repair device was brought to the notice and it was informed that this may delay the repaired device to come back to the field, thereby pushing the SI to keep more spare stock at District which will in-turn increase the cost of project. Committee was also briefed that in order to prevent the misuse of the Registered FP devices, UIDAI/ NIC guidelines are followed which allows the devices for re-certification in case there is a change in the chipset/ FP reader or major technical change, and it was submitted that this is required for the safety of the PoS device. Further, Head SeMT apprised that there is a provision of 5% spares in the RFP at District DQ for replacing any malfunctioning device withing 48 hours.

c) Committee was apprised that in last season the department has faced a lot of challenge w.r.t the print receipts to the beneficiaries at FPS and accordingly provision of thermal printing with

sufficient paper roles at FPS and 25% spare stock at each District has been provisioned for complete duration of project i.e. 5 years.

d) The Committee desired to know about the SLAs on up time of the POS devices on field. It was apprised that at-least 25 days of POS working has been made mandatory for 100% Monthly Guaranteed Revenue (MGR) instead of 20 days kept in previous RFP. This is done to improve the uptime and timely delivery of Ration specially in the month end days. It was desired to have a grading system in place with up time of 20 days onwards and a proper mechanism to implement the SLA by the NIC ePDS system with zone wise reports for the FPS devices on filed. SIO NIC submitted that the same is possible and shall be implemented in reports section of the ePDS software.

e) Head SeMT apprised that Haryana is the 2nd leading state in the Country on Cashless transactions behind Andhra Pradesh due to the reason that ePDS operations are primarily cashless in Andhra Pradesh. Considering above the RFP provisions the cashless payments at PoS devices from day one. This not only eases the maintenance of accounts but also enables citizens to pay vide modes like card, UPI, AePS, etc. Dir Food & SIO NIC apprised that a pilot was done 2 years back in Panchkula, however, the same was not very successful due to the low amount of transactions.

**Following decisions were taken:**

The Committee approved the technical aspects of the RFP for Selection of the SI for computerization of FPS operations with following:

a) Considering security related concerns, it was decided to retain the STQC re-certification clause for the repaired POS devices.

b) The grading system for SLA was approved as under:

| SL | Up time (No. of transaction days) | MGR to be paid to SI (in Percentage) |
|---|---|---|
| 1. | >=25 | 100% |
| 2. | =24 | 80% |
| 3. | =23 | 60% |
| 4. | =22 | 40% |
| 5. | =21 & 20 | 20% |
| 6. | <20 | 0% (No MGR) |

c) It was decided to maintain the provisions of accepting cashless payments on acceptable modes at PoS along with cash.

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<u>**Agenda 2:  RFP for Selection & Empanelment of Professional Agency for conducting "Application**</u>
<u>**Security Audits"**</u>

       The Head SeMT apprised the Committee about the need of floating an RFP for Selection & Empanelment of Professional Agency for conducting Application Security Audit. It was apprised that the objective of the RFP is to invite rates from the participating CERT-In empaneled agencies for security audit (Safe to Host certificate) of major types of application categories. The Rate Contract (RC) so formed shall be circulated to the Departments/ Boards/ Corporations to cut short the price discovery process and speed up the Security Audit activities. This shall not only allow IT Department to enforce compliances as per Security Policy but also would limit overloading of ISMO being the only agency carrying out the Security Audit activities.

**The following discussions were held:**

a) Committee was briefed that the RFP would shortlist Cert-In empanelled companies willing to work in Haryana for the Security Audit Activities. The Rates shall be discovered for various categories of software applications. These rates in the shape of RC shall be published by the IT Department. All Departments/ Boards/ Corporations/ Districts (Indenting Agencies) may contact the empanelled agencies and would allot the work based on the requirements on the notified Rate Contract for following categories of software applications:

    i.    Static Websites,

    ii.   Dynamic Websites,

    iii.  Android Apps,

    iv.  iOS Apps and

    v.   APIs.

b) The matter of provisioning rates based on multiple rounds of Audit activity was discussed. It was suggested that costing based on multiple rounds would encourage the vendors to stretch the Audit process in multiple rounds thereby, leading to dynamic billing.

c) SIO, NIC suggested to add another category in APIs (financial/banking) as these APIs are to be tested for much more parameters than standard ones.

d) SS'IT desired to circulate the RFP to the empanelled Cert-In companies to seek comments if any and then publish the same so that RFP is filtered/ finalized before publishing.

**Following decisions were taken:**

a) Roles and responsibilities be clearly defined in the RFP for Empaneled agencies, Departments, IT Department/ ISMO etc.

b) Circulate the RFP to the empanelled Cert-in companies for seek comments if any within a week's time. Incorporate the comments and then publish the same after approval from SS IT.

c) Add an Audit category as suggested by SIO NIC for APIs related to financial/banking

d) For Mobile applications both Android and iOS, the slabs for pages to be defined as: 1-10, 11-20, 21-30 and >30.

## Agenda 3: Uniform Policy for switching to Open-Source Technologies

The Head SeMT briefed the about the need of "Uniform policy for switching to Open-Source Technologies". It was apprised that due to the use of proprietary software the OEMs are charging huge costs for licensing subscription fee for support/ upgradation/ updation. Department has seen instances where there was a difference of approximately 10 Lacs for the same requirement once retendered within a month time. The OEMs claim change in policies or global changes thereby causing huge cost differences. The impact of surge pricing in licensing becomes multifold, as the procurement is happening across the State.

**The following discussions were held:**

a) It was discussed that the major applications are being developed on .Net platform and the developers are available, however, applications developed specifically on MS technologies are platforms dependent and therefore not compatible with the open-source technologies.

b) It was apprised that Applications can easily be developed on fully open source and cross platform frameworks like DotNet Core and DotNet 5 i.e. the software so developed shall work on Windows, Linux or Mac Operating Systems.

c) It was also discussed that if the laptops and desktops are procured without MS Windows or MS office, the cost of the hardware would reduce considerably. It was suggested that the user convenience is more with Microsoft products and open-source office is not that friendly to use, therefore the migration process needs to be carried out gradually.

d) SIO, NIC submitted that the NIC is working on large scale projects which are on MS technologies and migrating them to Open-Source platform won't be easy however the new development and small/ mid-size projects can be migrated in a phased manner. The need of migrating from proprietary software licensing/ support model to open-source platforms was also highlighted.

e) It was discussed that switching to open-source platforms would require training and capacity building of the resources as well as they are the ones who would be changing software.

**Following decisions were taken:**

a) It was decided that a guideline be issued to all Departments/ Boards/ Corporations to use Open-source technologies for all the application development (Web/Mobile/APIs etc.) and the implementation be carried out in phased manner as under:

    i.    **Phase-1:**

        a. The new development (Web/Mobile) be carried out in open-source platform/technologies

        b. The small and medium scale existing applications be migrated to the open-source platform within 3-6 months

c. CB branch of IT Cadre to immediately arrange for needful training and capacity building activities. The resources having knowledge to be encouraged to act as master trainers and extend their knowledge for other resources.

ii. **Phase-2:**

a. The Large/ Enterprise scale applications be migrated to the open-source platform — special care to be taken to migrate Critical applications.

iii. In case there is an exception and department want to use the proprietary software licensing, the same is to be brought to the notice of State IT Technical Committee to decide on the matter.

b) For using PCs/ Desktops with open OS and open office, it was decided to implement in DITECH/ NIC first. The experience so gathered be placed before the State IT Technical Committee to decide on the matter.

The meeting ended with a vote of thanks to the Chair.

Annexure 'A'

**Attendance Sheet for the meeting dated 25.08.2021 at 11.30 AM**
**(State Technical Committee)**

| Sr. No. | Name & Designation | Name of the Department | Signature |
|---------|--------------------|-----------------------|-----------|
| 1 | Ramit, HCS, Deputy Secretary | Finance Deptt. | |
| 2 | Rajesh Pandey, JCITO SOC | DITECH | Pandey |
| 3 | Hirenav Kalich Sr Consultant | SoMT, DITECH. | |
| 4 | SUDIPTA CHOUDHRY CISO/JT. CTO-15 | DITECH | |
| 5 | Mirmal Pareen | HARTRON. | |
| 6 | Rajesh Deswal | HARTRON | |
| 7 | Baljit Singh | FSD, HR | BSingh |
| 8 | Shreank Narul | Consultant | |
| 9 | N K MITTAL | Food & R | NK |
| 10 | Pardeep Kaushal | SoD NIC | |
| 11 | Sanjay Veeren | JCITO | |
| 12 | Sunil Kalle | SGO | Kalle |
| 13 | C. S. Khan | DFS | |
| 14 | Deepak Rawal | NIC | |
| 15 | Rajesh Kaushik | DITECH | |
| 16 | Munish Chauhan | DITECH | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |
| 21 | | | |