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Dated: 22/05/2024

Minutes of 99th meeting of SeMT dated 06-05-2024

The 99th meeting of the State e-Governance Mission Team (SeMT) was convened under the Chairpersonship of Secretary, IT&C on 06th May, 2024 in Committee Room, 2nd Floor, Dept. of IT&C, IT Building, Yojana Bhawan Campus, Tilak Marg, C-Scheme, Jaipur. List of participants is enclosed at **Annexure -"A"**

Agenda Item(s) discussed during 99th meeting of SeMT are indexed as follows:

SNo	Name of Project	Dept.	Estimated Cost	(Rs. in Lakh) Page No.
1	Hiring of GIS Experts at Districts and Directorate Watershed (through NICSI) for the period of Two Years (2 Years) from 01.04.2024 to 31.03.2026	Watershed Development & Soil Conservation (WD&SC) Dept.	470.00	2
2	Hiring expert manpower services for IT-PMU	RSHAA	213.00	3
3	Raj Kisan Saathi v3.0	Agriculture Dept.	4840.00	4-6
4	Revised project of chief Minister Information System (CMIS)	DoIT&C/ RISL	1086.14	6-10
5	Procurement of AMC, FMS and new servers for WIFI infrastructure under RajWiFi	DoIT&C/ RISL	3000.00	10-12
6	Hiring of technical experts' services to work on analytics stack and OEM ATS of SAS stack	DoIT&C/ RISL	2548.00	12-13
7	Hosting of SAP-RISE model of RVPN at BSDC, Jaipur	Rajasthan Vidyut Prasaran Nigam Ltd. (RVPN)	-	14
8	Web & Mobile App Solutions & Social Media Strategy for State Election Commission	Rajasthan State Election Commission	71.50	14-16
9	FTTH work under the scheme for Special Assistance to states for Capital Investment 2022-23 under Part-V (Optical Fiber Cable)	DoIT&C/ RISL	25960.00	16-17
10	FTTH work (05 FTTH connections in a GP) funded by USOF, DoT, GoI	DoIT&C/ RISL	23600.00	17-18
11	Procurement of Supply, Installation, Maintenance of Tableau Server, Tableau Creator Licenses and Hiring Tech. Experts' services for Tableau Project	DoIT&C/ RISL	740.50	18-19
12	Implementation and maintenance of the project "Software Development Centre (SwDC) 2024-2027	DoIT&C/ RISL	11729 .00	19-23
13	Technical evaluation of Aadhar Enrolment Kits to be procured under UID project for implementation of the In-house-model.	UID/ DoIT&C	618.00	23-24

The followings were discussed in the meeting:

1. Project : Hiring of GIS Experts at Districts and Directorate Watershed (through NICSI) for the period of Two Years (2 Years) from 01.04.2024 to 31.03.2026 (WD&SC Dept.)

The Committee was briefed about the proposal. Guidelines of PMKSY-2.0 for Watershed programs lay emphasis on use of technology inputs in Planning, Monitoring, evaluation of watershed projects using scientific inputs especially GIS-Remote Sensing techniques. In Mukhyamantri Jal Swabhan Abhiyan-2.0 (MJSA-2.0) GIS-Remote Sensing techniques are also in use, which is an important feature in planning, monitoring and checking the techno economic feasibility of proposed structures. In accordance to aforesaid guidelines and to achieve the objectives of watershed programs, WD&SC department is obtaining services of GIS Experts for Districts and GIS Lab of Directorate, Watershed Development & Soil Conservation through NICSI since October, 2015.

The earlier proposal was approved in 91th meeting of SeMT held on 24-03-2022 for hiring the services of GIS Experts for Two Years from 01-04-2022 to 31-03-2024 through NICSI (10 at directorate level and 32 at districts level). Services provided by these GIS experts have been found satisfactory by WD&SC department.

Department of Land Resources, Ministry of Rural Development, GoI has Sanctioned 149 projects of 7.50 lacs Hectares amounting Rupees 1858 Crores under PMKSY-2.0 for the year 2021-22 and 2022-23. To monitor and evaluate these projects using GIS and RS techniques is mandatory.

Requirement of GIS experts at Directorate and districts level for two years 2024-2026 proposed by WD&SC dept. is as follows:

(Amount in Rs.)				
S. No.	Man Power/ Category	No. of Resources	NICSI rates Rate per month (excl. of Taxes)	Total Amount for 2 years (excl. of Taxes)
1.	Project manager(GIS)	1	88,290.00	21,18,960.00
2.	Tech Lead(GIS)	1	64,746.00	15,53,904.00
3.	Senior Image Processing Experts(GIS)	7	47,088.00	79,10,784.00
4.	Image Processing Experts(GIS)	32	35,316.00	271,22,688.00
5.	GIS Developer/ Analyst	1	48,265.20	11,58,364.80
Total				398,64,700.80
IGST payable @ 18% on Total				71,75,646.14
Grand Total				470,40,346.94

Fund Management:

The expenditure expected on hiring of services of above experts for Two Years would be 4.70 Crores and this will be borne from the administration head of the project cost and the funds under this head are available, through GoI and as per GoI guidelines the manpower services should be mandatorily on contractual basis.

The Committee accords technical approval on the proposal having estimated cost of Rs. 470.40 Lakh.

2. Project : Hiring expert manpower services for IT-PMU (RSHAA)

The Committee was briefed about the proposal.

1. RSHAA has successfully deployed IT-PMU Team for maintenance and support of State TMS, HEM, Ticket software, Hospital dashboard, custom reports and IT related operations of RSHAA.
2. The hardware and related infrastructure software are provided by the State Data Centre (SDC).
3. Given the evolving requirements, the existing systems necessitates modification of existing API integrations, new module developments, scheduled maintenance, migrations, and server health monitoring.
4. Currently, the development & maintenance of software is done by IT-PMU of Four expert professionals were procured from NICSI effective from 04-July-2023, for duration of 9 months which is expiring on 03-April-2024.
5. Consequently, RSHAA's IT division is proposing the engagement of 6 expert Manpower services for 1 year to fulfill these specific needs.
6. Also following new IT related activities are in backlog, that need to be concluded in time bound manner
 - ABDM integration (Milestone 1/2/3)
 - Jansoochna portal integration
 - Aadhar Vault integration
 - Janaadhar new API (encrypted) integration
 - Bulk data related exercises related to eKYC/Card Printing
 - API integration with NHA system.
 - Outbound portability related integrations with NHA systems.
 - Hospital master API integration with NIA
7. Services for proposed manpower in IT-PMU shall be hired as per RTPP Rules 2013.

Requirement of expert Manpower and their Financial Implication proposed by RSHAA is as follows:

S. N.	Profile	Experience	Role	No. of Resources	Unit Rate per month (excl. of Taxes) (Amount in Rupee)	Est. Total Cost for 12 months (Rs. in Lakh)
1.	Management / Functional Profile	Consultant with experience of 6-10 years	Business Analyst	1	3,03,187.50	36.38
2.	Technology Profile	Consultant with experience of 6-10 years	Sr. Tech Expert- Java/DB	4	3,03,187.50	145.53
3.	Technology Profile	Consultant with experience of 3-6 years	Data Analyst	1	2,59,087.50	31.09
Total			6			213.00

Fund Management:

Expenditure would be met from the available budget provision in administrative budget head (GIA admin expenses).

The Committee accords technical approval on the proposal having estimated cost of Rs. 213.00 Lakh.

3. Project : RajKisan Saathi v3.0 (Agriculture Dept.)

Committee was briefed about the project. The Raj Kisan Saathi project was conceptualized to create an online single platform by integrating and development of various software's for Agriculture, Horticulture, Animal Husbandry, Agriculture Marketing & Dairy and providing various services, information, and other related activities.

To address the prevailing impediments and challenges to agricultural growth, Department of Agriculture (DoA), GoR is in the process of implementing the end-to-end IT solution.

Rajkisan Saathi Project shall comprise of:

- Farmer Databank (farmer identity, land, & crop information)
- Agri Input Management System (soil, seed, fertilizer, irrigation infrastructure, farm machinery)
- Agri Output Management System (crop production, market/mandi, warehousing and transportation)
- Agri Facilitation (testing and QC, agro Processing, inventory, farm credit and dealer information)
- e-Market Place (online marketplace and future/options), Subsidy/Scheme Monitoring-DBTs.

In addition to the above activities, the proposed solution shall comprise of GIS based decision support system (farm advisory, GIS based modeling), Information and alert (weather reporting, information management and extension), data analytics (trend analysis, estimation, and forecasting).

The project is divided into following three phases:

Phase-I: Core IT Application - Comprising of end to end subsidy based process including various G2G & G2B services.

Phase-II: Artificial Intelligence/ Machine Learning and Advance Intelligence based Solutions - Climate resilient models, predictive models.

Phase-III: Geographic Information System Solutions - Satellite image analysis & estimation of crop production.

The Process & Application Certification Team (PACT) under Chairmanship of Commissioner Agriculture has approved new development of 75 new modules / tasks under Rajkisan Saathi. Now, the entire scope of Rajkisan Saathi Project can be managed through 235 modules that includes already developed modules in addition to proposed new modules for development.

Scope of work:

The scope of work for the designated Implementation Agency during the period of contract/ engagement shall include (but not limited to): -

- Current System study and Gap Analysis
- Development of Core IT Application
- Integration with SSO, e-Sign, e-Vault, Jan-Aadhaar (State Citizen Identity Number), Raj Sewa Dwaar, UID auth. App
- Capacity Building
- Operation & Maintenance and Helpdesk services
- Advisory Services

Features of the Project

- One-time registration using Jan-Aadhaar
- Complete details of Farmer are available online
- Simplified application process

- Paperless process from Application to Disbursement
- Reduction in turnaround time of service delivery
- Transparent & accountability is ensured
- SMS to farmer at each stage of process from application to disbursement
- MIS Reports & Dashboards for real time monitoring
- Digitally signed administrative & financial sanctions
- Geo-Tagged & Time Stamped based Physical Verification

Financial Implications:

The revised cost of **Phase-I & phase-II** of the project and its resultant impact on overall project cost is as mentioned below:

(Rs. in Crore)

S. N.	Description of activity	Expenditure On Each Activity (Inc. GST)								Overall Cost phase-wise in INR CRORES (Inc. GST)
		Development + O&M								
		2019-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	
Development & O&M of Integrated Farmer Portal & Mobile Apps, Training & Capacity Building										
1	Phase-I- Development of Application for Integrated Service Delivery Interface for Farmers									
1.1	Core IT Applications- As per List of 235 Modules / Tasks provided by Project Steering & Monitoring Committee	4.00	4.00	4.00	4.00	4.00	6.34	6.34	6.34	39.00
2	Phase-II - Implementation of AI/ML based Crop Pest & Health Management Solution									
2.1	1. AI/ML Based Predictive Model	0.00	0.00	0.00	3.10	0.95	1.23	0.00	0.00	5.28
	2. Analytics & Dashboards									
Grand Total - PHASE I & II		4.00	4.00	4.00	7.10	4.95	7.58	6.34	6.34	44.31
3	2%Contingency Note: - Contingency cost is estimated @2% of overall cost in that expense head to meet out change requests and price escalation and any other item costing the implementation of project over the project duration. Contingency charges are indicative only and it shall be based on actuals. Contingency cost shall be demanded by RISL only when activities under contingency expenses are decided to be executed by department.									0.89
4	Total Cost (Grand Total- PHASE I & II + 2% contingency)									
5	RISL Approved Service Charges Note:- a) up to 1 Crore - 10% total Cost b) Greater than 1 Crore and less than 5 Crore - 8% of total Cost c) Greater than 5 Crore - 6 % of total Cost									
6	GST on RISL Service Charges (@18% on Sr. No.5)									

7	Grand Total Year-Wise Cost in INR including RISL Service Charges & GST	48.40
<p>Note: -</p> <p>1) The above cost sheet is based on estimates and charges shall be as per actuals.</p> <p>2) Phase-III has been removed from this proposal as per request from Department of Agriculture and Phase III will be covered in Integrated Farmer Support System.</p>		

Note: -

- The version 3.0 of revised project proposal addresses the need of new development across the next 3-year period including full operation & maintenance (all enhancement / upgradation) of developed modules, and operation & support on developed modules.
- It is reiterated again that the above version 3.0 of project proposal shall be modified time and again, if any substantial change in scope of work is done by Department of Agriculture. Also, as highlighted that these costs are only assumptions so charges shall be based on actuals only.

Fund Management:

Expenditure would be met from the budget available with Agriculture Deptt.

The Committee accords technical approval on the proposal having estimated cost of Rs. 4840.00 Lakh.

4. Project : Revised project of Chief Minister Information System (CMIS) (DoIT&C)

Committee was briefed about the project. The scope of work outlines the comprehensive framework for the development, implementation, and maintenance of the Chief Minister Information System (CMIS), emphasizing its dynamic nature and commitment to meeting the evolving needs of the Hon'ble Chief Minister's office.

1. Introduction:

- The Chief Minister Information System (CMIS) is an integrated web-enabled information and decision-support system developed for the computerization of core activities within the office of the Hon'ble Chief Minister of Rajasthan.
- The objective of CMIS is to provide a speedy and accurate information to the Hon'ble Chief Minister and higher-level functionaries on an anywhere, anytime basis.

2. Scope Statement:

- The scope of work for CMIS encompasses the continuous development, enhancement, and maintenance of the system to meet evolving requirements and ensure its effectiveness in supporting the office of the Hon'ble Chief Minister.
- The scope of work cannot be frozen, and the system must be adaptable to accommodate new requirements as they arise. The development process should prioritize agility and responsiveness to deliver new functionalities promptly.

3. Key Objectives:

- Provide a centralized platform for storing, managing, and accessing critical information relevant to the Hon'ble Chief Minister's office.
- Enable real-time data collection, analysis, and reporting to support informed decision-making by the Hon'ble Chief Minister and other stakeholders.
- Facilitate seamless communication and collaboration among departments, ministries, and agencies involved in the governance process.
- Ensure data security, confidentiality, and integrity in compliance with regulatory standards and best practices.

4. Functional Requirements:

- User Management: Implement user authentication and authorization mechanisms to control access to CMIS based on roles and responsibilities.
- Information Management: Develop modules for managing various types of information, including administrative records, correspondence, reports, and policy documents.
- Workflow Automation: Design workflows to streamline the processing of tasks, approvals, and notifications within the CMIS environment.
- Decision Support: Integrate tools for data visualization, analytics, and forecasting to assist the Hon'ble Chief Minister in making informed decisions.
- Communication Tools: Incorporate features for electronic messaging and document sharing to facilitate efficient communication among stakeholders.
- Mobile Accessibility: Ensure that CMIS is accessible via mobile devices to support remote access and on-the-go decision-making.

5. Technical Requirements:

- Web-Based Architecture: Develop CMIS as a web-based application to ensure compatibility across different devices and operating systems.
- Scalability and Performance: Design the system architecture to handle increasing volumes of data and users while maintaining optimal performance.
- Security Measures: Implement robust security measures, including encryption, access controls, and audit trails, to safeguard sensitive information stored within CMIS.
- Integration Capabilities: Enable seamless integration with existing IT systems and databases within the Hon'ble Chief Minister's office and relevant government departments.

6. Development Methodology:

- Agile Approach: Adopt an agile development methodology to enable iterative, incremental enhancements to CMIS in response to changing requirements.
- Continuous Feedback: Solicit feedback from end-users and stakeholders throughout the development process to ensure alignment with their needs and expectations.

7. Project Management:

- Governance Structure: Establish a governance structure comprising key stakeholders responsible for overseeing the development, implementation, and maintenance of CMIS.
- Project Planning: Develop comprehensive project plans outlining timelines, milestones, resource allocation, and risk management strategies.
- Stakeholder Engagement: Foster open communication and collaboration with stakeholders to maintain alignment with their goals and priorities.
- Quality Assurance: Implement rigorous testing procedures to verify the functionality, reliability, and usability of CMIS before deployment.

8. Documentation and Standard Operating Procedures (SOP):

- Develop comprehensive documentation outlining the system architecture, functionalities, user manuals, and troubleshooting guides.
- Establish Standard Operating Procedures (SOP) for system administration, user management, data entry, and maintenance tasks.
- Ensure that documentation and SOPs are regularly updated to reflect any changes or enhancements made to the CMIS.

9. Support and Maintenance:

- Provide ongoing support and maintenance services to address issues, bugs, and user inquiries promptly.
- Regular Updates: Release regular updates and patches to enhance CMIS functionality, address security vulnerabilities, and incorporate user feedback.

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

- Training and Documentation: Conduct training sessions, workshops and prepare user documentation to ensure that stakeholders are proficient in utilizing CMIS effectively.

A. Bifurcation of Scope of Work and Funds Requirement are as follows:

1. Scope of work for F.Y. 2023-24:

Module Name	Scope of Work
Chief Minister Information System (CMIS)	
<ul style="list-style-type: none"> • CMIS Applications <ul style="list-style-type: none"> ◦ Budget Announcements ◦ Cabinet Decisions ◦ CM Announcements ◦ CM Directions ◦ Recruitment Module ◦ Jan Ghoshna Patra ◦ Audit Para • CMIS Application in Dot Net <ul style="list-style-type: none"> ◦ Grievances Monitoring ◦ VIP Letter Monitoring System ◦ News Monitoring System ◦ Issues of Public Representatives • Other VB based applications of CMO • CMO website • Chief Minister Relief Fund (CMRF) 	Enhancement, Operations & Maintenance
WebMyWay Tool	
<ul style="list-style-type: none"> • WebmyWay Product • Project Monitoring for more than 50Cr. • 33 District Portals • 705 Department Portals • 19 Sectoral Portals • Jankalyan Portal • Scheme Portal • 2 Individual Beneficiary Schemes Portal • Jankalyan Mobile App • Sujas Mobile App 	Enhancement, Operations & Maintenance
<ul style="list-style-type: none"> • Departmental websites • Template design Development work of • Artificial Intelligence based JanSakhi 	As per requirements and approvals As per requirements and approvals New Development
eBusiness Portal	
eBusiness portal	Enhancement, Operations & Maintenance

2. Funds Requirement for F.Y. 2023-24: (Post Facto Approval)

Post facto approval required for Financial Year 2023-24 as per following details: -

S. N.	Description	Requirements for F.Y. 2023-24
1	Development, enhancement, customization, integration and implementation of application modules	100.00
2	Facility Management Services of the developed applications	150.00
3	Requirement of Hardware and related items for CM Office	50.00
Total estimated cost (excl. RISL service charges & applicable Taxes)		300.00
RISL Service Charges as per approved rates and Service Tax/GST (as applicable)		27.14
Total Estimated Revised Project Cost including RISL Service Charges & Taxes		327.14

3. Scope of work for F.Y. 2024-25 and 2025-26 for CMIS 2.0:

Module Name	Future Scope of work
1. Budget Announcement 2. CM Announcement 3. Sankalp Patra 4. CM Directions 5. Action Plan 100 Days 6. Cabinet Decisions 7. Recruitment Status	<ul style="list-style-type: none"> Enhancement and Maintenance of existing modules All Modules should upgrade in latest technology/version
8. Grievances Monitoring 9. VIP Letter Monitoring System 10. News Monitoring System 11. CMRF Portal 12. File Transfer Management System 13. Facility Management System <ul style="list-style-type: none"> Complaint Management System Inventory Management System 	Enhancement and Maintenance of existing modules <ul style="list-style-type: none"> Frontend: .net 3.5 Database: MS SQL Server 2014
14. Grievances Monitoring 15. VIP Letter Monitoring System 16. News Monitoring System 17. Project Monitoring System 18. MoU 19. Important Achievement 20. Policy Decisions 21. Innovation 22. Awards 23. Schemes Progress 24. Comparative Achievement 25. Promotion Status 26. Shilanyas and Lokarpan held during the previous month 27. Department Achievement 28. File Transfer Management System 29. Facility Management System <ul style="list-style-type: none"> Complaint Management System Inventory Management System 	New requirement from CM Office (New Development in 'Axpert' Platform)
30. CMRF 2.0 Portal 31. CMO website 32. Biodata System 33. Transfer Posting Management System 34. Invitation management System 35. Appointment Management System 36. Phone Call Management System 37. CM Tour System 38. Visitor Entry System (End to end completely automated system) for <ul style="list-style-type: none"> CMO CMR Other Places related to HCM 	All Modules should upgrade/new implementation in latest technology/version <ul style="list-style-type: none"> Frontend: Angular 15 Backend: Dot NET Core API Database: MS SQL Server 2016
39. Use of AI/ML in CMIS system for better utilization.	
* New Development as per requirement and approvals	

4. Funds Requirement for F.Y. 2024-25 and 2025-26

(Rs. In Lakh)

S. No.	Description	Requirement for F. Y. 2024-25	Requirement for F. Y. 2025-26	Revised Total Cost
1	Development, enhancement, customization, integration and implementation of application modules	150.00	150.00	300.00
2	Facility Management Services of the developed applications	100.00	100.00	200.00
3	Requirement of Hardware and related items for CM Office	100.00	100.00	200.00
Total estimated cost (excl. RISL service charges & applicable Taxes)		350.00	350.00	700.00
RISL Service Charges as per approved rates and Service Tax/GST (as applicable)		29.50	29.50	59.00
Total Estimated Revised Project Cost including RISL Service Charges & Taxes		379.50	379.50	759.00

Overall Estimated Financial Implication of the project proposal is Rupees 1086.14 Lakh for the duration of years 2023-24 (Rs. 327.14 Lakh), 2024-25 (Rs. 379.50 Lakh) & 2025-26 (Rs. 379.50 Lakh).

B. Fund Management:

Expenditure would be met from funds available with Dept. of IT&C under the Budget Head of "CMIS".

C. Duration of the project: The nature of the project is continuous and on-going. The period of the project is proposed to enhance further for three (3) consecutive financial years 2023-2026.

D. Implementing Agency: For implementing the CMIS project, RISL has already been approved as implementing agency in earlier SeMT meetings.

The Committee accords technical approval on the proposal having estimated cost of Rs. 1086.14 Lakh.

5. Project : Procurement of AMC, FMS and new servers for WIFI infrastructure under RajWiFi (DoIT&C)

Committee was briefed about the project. The Wi-Fi network utilizes the RajNET as backbone to provide network connectivity and Internet access to its users. The Wi-Fi Network is seamless accessible to Government officials, Guests and visiting citizens across Rajasthan. There are 2 deployments under RajWiFi Project.

- First one is deployed in year 2013 (Jaipur WiFi) for offices across Rajasthan; and
- Second one is deployed in year 2018 (RajWiFi-GP) for WiFi connectivity at GP level offices.

RajWiFi - GP:

The users of GP (offices and public places) and educational institutions are being catered through this deployment. The RajWiFi SSID is being served through this setup.

Below mentioned hardware/controllers have been deployed under the project

At DC:

- Wireless Controllers: 5 quantities of 7240XM
- WLAN NMS: 10 quantities of Airwave NMS
- Monitoring Server: 3 quantities of Arirwave Glass Server
- DHCP Servers: 1 DHCP Server of Efficient IP

At DR:

- Wireless Controllers: 3 quantities of 7240XM
- WLAN NMS: 5 quantities of Airwave
- Monitoring Server: 3 quantities of Arirwave Glass Server
- DHCP Servers: 1 DHCP Server of Efficient IP

For the deployment, it is submitted that

- All the aforementioned hardware is out of support from OEM/bidder.
- The aforementioned deployment is in i-AP mode instead of AP mode as deployed in Jaipur WiFi. Hence, the AP licenses are on WLAN NMS rather than Wireless Controllers.
- The 7240XM wireless controllers are declared End-of-Life (EoL) from 01.04.2024 onwards and End-of-Support from 01.04.2029. The controllers are having 10 to 20 licenses only.
- The project is under arbitration with the bidders as well.

Jaipur WiFi:

The users of SHQ/DHQ/BHQ/Rajasthan High Court are being catered through first deployment. All the Jaipur-WiFi, Jaipur-WiFi-EMP, IStart, CMR, CMO & Rajasthan High Court SSIDs and majority of critical offices are being served through this setup. Approx 10000+ government users and 160000+ citizens are being catered through this deployment. The technical details of this deployment is as below:

- There are 2 cluster of controllers (each cluster is having 2 Aruba-7240 controllers i.e., total 4 Aruba-7240 controllers) are deployed. These servers are 10+ years old and OEM has declared End-of-Support (EoS) from 01.11.2022.
- One cluster is having 1024 AP licenses and other is having 512 licenses. Hence Total, AP licenses are 1536. Also, there is a cluster of 5 Aruba CPPM servers for AAA services across all the deployments in RajWiFi Jaipur-WiFi project. Also, there is an airwave server for monitoring and reporting of APs deployed in aforementioned controllers. As per above, the BoM details are as below:



S.N.	Item	Quantity	Make & Model
1.	AAA Server	05	Aruba CPPM Server
2.	Wi-Fi NMS Server	01	Aruba Airwave
3.	Wi-Fi Controller	04	Aruba 7240
4.	Access Pints (Indoor)	948+350+200=1498	Aruba AP-105/AP-275/AP-305
5.	DHCP Server	02	Efficient IP SOLID Server-550 on DELL E345 server

- The AP-105 is End-of-Support (EoS) from OEM on 01.08.2020 and AP-275 is End-of-Support (EOS) from OEM on 01.08.2024.
- The WiFi Controller 7240 got End-of-Support from OEM on 30.04.2023.
- Currently aforementioned items are under third party warranty provided by M/s Aksh Optifibre Limited.

In reference to aforementioned details, there are technical limitations/roadblocks in existing solution to manage, monitor and scale-up the existing deployment as mentioned below:

- The 7240 controllers in Jaipur WiFi Deployment are End-of-Support (EoS) from OEM.
- There are 2 clusters of controllers in the deployment which need to be managed separately. It should be aggregated to single cluster.
- Both clusters of controllers are in Active-Passive Mode rather than Load Balancing for better flexibility in deployment, monitoring and fault tolerance.
- The license capacity of existing controller is bottleneck.
- After Covid and roll-out of Rajkaj, migration of multiple G2G & G2B services are online. Hence, requirement of new WiFi AP installation has been increased multifold in government premises.
- The existing RajWiFi-GP infrastructure is not feasible to manage and maintain the Jaipur WiFi APs and its users.

In reference to aforementioned technical limitation/roadblocks, it is proposed that:

- A Load Balancer of controllers in HA (High Availability) may be procured with minimum 10000 AP Licenses capacity with 5-year OEM support.
- Rate contract of 6 Controllers and 8000 AP licenses (in bundle of 1024 AP licenses) with 5- year OEM support should be done.
- The AMC of existing Airwave Server, CPPM Server and DHCP Server may be taken.
- Manpower: 2 WLAN NMS Administrator (with Aruba certification) for 5 years.
- Procurement of 2000 access points may be done to cater existing and future requirement for 5 years.
- Work of installation of WiFi access point across Rajasthan with PoE (As per requirement) and LAN work.
- Buyback of existing 7240 controllers, AP-105 & AP-275.

Financial Implications:

The estimated expenditure of the work is as mentioned below:

		(Rs. In Lakh)
S.N.	Details	Total Cost
1	Access Points	1200.00
2	Central Core WLAN Servers/Controllers	1100.00
3	AMC of existing equipment	300.00
4	FMS	250.00
5	Miscellaneous Passive Components	150.00
		Total
		3000.00

The estimate cost of the aforementioned project is approx. Rs 30.00 Crore for 5 years.

Fund Management:

Expenditure would be met from the budget provision for RajWi-Fi.

The Committee accords technical approval on the proposal having estimated cost of Rs. 3000.00 Lakh.

6. Project : Hiring of technical experts' services to work on analytics stack and OEM ATS of SAS stack (DoIT&C)

Committee was briefed about the project. Department of Information Technology & Communication (DoIT&C) is equipped with state of the art SAS analytical stack. It has developed and deployed numerous analytical reports across the various state government departments like Commercial Taxation, Transport, Excise, Registration & Stamps, Mines & Geology, Police, Medical & Health, Forest, Administrative Reforms, etc. and various projects/areas like Rajasthan Sampark, Raj-Kaj etc. for evidence-based decision making and increased tax compliances. Hiring of technical experts' services is intended to work on the existing SAS analytical stack on man-month basis to carry out the activities/ work as per the requirements arise time to time.

Current Status:

Currently, a team of 3 technical experts is deployed to work on analytics stack. The current contract would expire on 30.06.2024. The repeat order for technical experts' services was given to the firm for the period of one year (from 30.06.2023 to 30.06.2024) with a cost of 963.57 lakh.

The details of prior SeMT approval for the project are as follows: -

Sr.No	Description	Approval of SeMT	Amount in Lakh	Financial Years
1	Procurement of Hiring Technical experts' services for 2 years to work on analytics stack to work on analytics stack	80th SeMT meeting dated 10.09.2020	703.47	2021-2023
2	Creation of Software Development Platform/ Tools/ Standard Software and ATS/ Maintenance/Support Services	85th SeMT meeting dated 13.05.2021	2542.40	2021-2024

Project Scope

The major areas, where the team would be working on as part of the assignment, are as following:

1. Operation and Maintenance of data lake on hadoop cluster
2. Develop innovative, secure, dynamic/static analytical dashboards and reports for various State Government projects and applications using the existing available tools/platform.
3. Data modelling, designing, coding, testing and deployment of analytical reports for different projects/schemes.
4. Administration of SAS stack at RSDC.

Project Duration

The duration of the project is Three (3) years.

Implementing Agency

For implementing the project, RISL has already been approved as an implementing agency.

Financial Implication:

Indicative cost (incl. of taxes) for a duration of Three years is as following: -

(Rs. in Lakh)

S.N.	Details	Financial Year wise requirement			Total Estimated Requirement
		2024-2025	2025-2026	2026-2027	
1	Technical experts' Services (Admin, Sr. Developer, Developer) : 4 Nos (For 3 Years)	113.74	151.65	181.98	447.37
2	ATS of SAS stack (For 3 Years)	573.7	763.27	763.27	2100.24
3	Grand Total (1+2) * Including GST and RISL services charge	687.44	914.92	945.25	2548.00

Fund Management:

Expenditure would be met from the funds available with Software Development (SwDC) budget head of DoIT&C.

The Committee accords technical approval on the proposal having estimated cost of Rs. 2548.00 Lakh.

7. Project : Hosting of SAP-RISE model of RVPN at BSDC, Jaipur (RVPN)

Committee was briefed about the project proposal which was technically approved in 96th meeting of SeMT convened on 23-06-2023, the verbatim of the same is as follows:

"The Committee accorded technical approval on proposal having estimated cost of Rs. 4890.00 Lakh. The procurement process may be initiated by RVPNL to engage SAP to establish Cloud Datacenter at BSDC for the purpose."

SeMT approved the setup up of SAP-RISE CDC (customer Data Centre) model at BSDC for Up-gradation of SAP-ERP from ECC to S/4-HANA on SAP-RISE platform on SaaS (Software as a Service) Model on a subscription basis.

DoIT&C vide letter 26th Mar 2023 had refused to accept the IT Hardware at BSDC (Rajasthan State Data Center) "In compliance of Finance (G&T) Department, GoR order No.F.2(1)FD/G&T- SPFC/2017 dated 15.01.2021 and office memorandum issued by the GoI (F.No6/18/2019-PPD dated 23.07.2020 & clarification dated 08.02.2021), if Bidder is not registered with the Registration Committee constituted by the Department of Promotion of Industry and Internal Trade (DPIIT) then, the shipment of the material/hardware which includes Lenovo make hardware cannot be accepted at State Data Centre".

RVPNL requested the approval of SeMT for exemption of hosting of SAP software on subscription basis at other than BSDC, Jaipur and allow M/s SAP India Pvt. Ltd., to host the same at any other MeitY (Ministry of Electronics & Information Technology) approved Data Centers, in India.

Furthermore, according to U.O. note no. 28445/2015 dated 18.02.2015 issued by Chief Secretary, GoR, all websites/ applications/ portals of all Government Departments/ PSUs/ Corporations/ Boards/ Organizations must be hosted at RSDC with shared Administrator p

The Committee denied approval to exempt hosting of SAP software on subscription basis at other than BSDC, Jaipur.

8. Project : Web & Mobile App Solutions & Social Media Strategy for State Election Commission (State Election Commission)

The Committee was briefed about the project.

Scope of Work

The Election Commission of Rajasthan intends to implement web solution and mobile applications to enhance the functionality of the existing online election management system ensuring automation of Electoral processes & analysis of real time data. The project implementation would broadly comprise of following three components:

I. The project will involve the System Analysis to assess the current online election management system, identify gaps, propose solutions for integration, and develop and design a user-friendly mobile app, incorporating features such as:

- Voter's search
- Claim & objection
- Locate the polling station on Google map
- Candidate info and affidavits
- Voter's complaint with live image and live video
- Voter slip on WhatsApp, mobile app
- Votes polled, voter turnout on polling day through mobile app
- Real-time & past election results
- Various department user functionalities

II. Seamless integration of web solutions with an existing website and portal is required for the below-mentioned user functions:

- Online voter's complaint management
- Online permission management for candidates
- Vacancy monitoring across the state
- Online solution for nominations, rejection, withdrawals, and final list of contesting candidates
- Appeal to voters through WhatsApp and SMS to all mobile users of Rajasthan

III. In order to ensure effective voter awareness & election campaign outreach a social media strategy & management plan has to be implemented that includes below mentioned phases:

Phase 1: Preparation of social and digital media strategy:

- a. Design media strategy and communication plan
- b. Prepare content distribution strategy and its management for the SEC
- c. Make presentations to the committee that may be required during the approval stage

Phase 2: Content creation:

- a. Assist in designing feature stories
- b. Assist in designing informative content during elections, infographics, reels, blogs, press notes, videos, and podcasts, at all stages of elections (pre-election, during election, and post-elections)

Phase 3: Social Media Management:

- a. Creation of various social media accounts and their verification
- b. Manage multiple social media platforms
- c. Liaison with various print, electronic, and other media houses to print various stories

Phase 4: Grievance redressal:

- a. Regular digital and social media monitoring
- b. Present citizen questions/ issues and their responses,
- c. Design integrated MIS systems and regular follow-ups

Deployment of Resources for FMS and Application Maintenance Services

S.No.	Resource	Required for Period	No. of Persons
1	Project Manager/Consultant (Level-11)	4 months	1
2	Technical Expert/Developer (Web/API/App) (Level-6)	4 months	2
3	UI/UX Developer (Level-6)	4 months	2
4	Content Writer (Level-4)	12 Months	2
5	Graphic Designer (Level-4)	12 Months	1
6	Database Administrator (Level-6)	4 months	1
7	Social Media Engineer (Level-1)	12 Months	1
8	Technical Support	4 months	2

Financial Implication:

The expected estimated expenditure is around Rs. 71.50 Lakh (including GST).

Fund Management

Expenditure would be met from the fund available under budget head for new works 2515-00-800-01-02(57) by Rajasthan State Election Commission.

The Committee deferred the project proposal with suggestion to re-submit the proposal with detailed breakup of estimated financial implication.

9. Project : FTTH work under the scheme for Special Assistance to states for Capital Investment 2022-23 under Part-V (Optical Fibre Cable) (DoIT&C)

The Committee was briefed about the project.

1. The Government of India's BharatNET project is being implemented by DoT (GoI) for providing high speed broadband connectivity to the Gram Panchayats. Total 8776 GPs are covered across Rajasthan under BharatNET (Phase-I).
2. **Execution of FTTH Work to further extend the BharatNET connectivity at GP level (05 FTTH connections in a GP) funded by USOF** - Total Rs. 80 crore + taxes, is being funded by Universal Service Obligation Fund (USOF), GoI to RISL for FTTH work (Rs 80,000/- for 05 FTTH connections in a GP) at 10000 GPs in Rajasthan. DoIT&C/RISL is in contract with Bharat Sanchar Network Limited (BSNL) to establish FTTH Network at Gram Panchayat (GP) level across Rajasthan. An MoU has been signed between RISL and BSNL for providing FTTH connections at Gram Panchayat level on dated 29th March 2022. Five (05) FTTH connections is being provided to govt. offices / buildings/ institutions in each GP across Rajasthan using BharatNET.
3. **Enhancement of the BharatNET connectivity up to village level** - The Government of Rajasthan proposes to extend the existing BharatNET network at GPs till the departmental offices/ schools at village level under the scheme for Special Assistance to States for capital investment for the year 2022-23 under Part- V.
4. DoE (Dept. of Expenditure, GoI) has approved capital expenditure on the capital project on OFC network as recommended by DoT, amounting to Rs. 175 Cr. for the state of Rajasthan.
5. As per approved proposal, 03 FTTH connection is to be provided up to village level across Rajasthan. The approved project is being executed by RISL.
6. Letter of Award (LoA) issued to BSNL on dated 15th March 2024 for execution of FTTH work at village level. BSNL has been requested to provide FTTH connectivity at 4000 villages in first phase across Rajasthan.

7. The approved project detail (as per DoE, GoI) is as mentioned below:

Project	FTTH
Location	Gram Panchayat/Village level
OFC (Aerial) Route Length	20,000 KM approx.
Capital outlay (INR Cr.)	Rs. 230.00 crore
Implementing Agency	BSNL
No. of GPs planned to be covered	10,000
No. of FTTH Connections proposed to be provided	30,000
Total of materiel cost and Labour Charges	Rs. 230.00 crore
Amount of Special Assistance (as loan)	Rs. 175.00 crore
Recommended under Part-V of the Scheme	

8. The estimated expenditure of the work is as mentioned below -

S. No.	Description	Amount including GST (Rs. in Crore)
1.	First Year Charges - Rs 1,32,000/- per village with minimum commitment of 02 FTTH connections (GST and Taxes extra as applicable). (For 10,000 Villages :- 1,32,000 X 10,000 = 1,32,00,00,000/- + GST)	155.76
2.	After 02 FTTH connections, additional FTTH connections in the same village will be provided @ Rs. 16,000/- per connection. (For 10,000 connections: - 16,000 X 10,000 = 16,00,00,000/- + GST)	18.80

3.	FTTH Plan Charges (Rs. 500 per month or 6000 per year) shall be applicable from 2nd year onwards. (For Total 30,000 FTTH connections: - $6000 \times 30,000 \times 4$ Years = 72,00,00,000/- + GST)	84.96
Total Amount		Rs. 259.60

9. Fund Management/ Funding pattern:

The CAPEX expenditure would be met from the fund sanctioned by DoE (Dept. of Expenditure, GoI) and OPEX shall be borne from the State budget. Funding pattern would be as mentioned below: -

S. No.	Description	Amount including GST
1.	DoE (Dept. of Expenditure, GoI) funding	Rs. 175 Crore
2.	Additional fund required from State budget in next 05 Years	Rs. 84.60 Crore
Total Amount		Rs. 259.60 Crore

The Committee deferred the project proposal with remark to re-evaluate by discussing with all the stack holders and re-submit.

10. Project : FTTH work (05 FTTH connections in a GP) funded by USOF, DoT, GoI (DoIT&C)

The Committee was briefed about the project.

1. The Government of India's BharatNET project is being implemented by DoT (GoI) for providing high speed broadband connectivity to the Gram Panchayats. Total 8776 GPs are covered across Rajasthan under BharatNET (Phase-I).
2. RISL has signed an agreement with M/s BBNL on dated 25.09.2018 for provisioning of Wi-Fi Services at all the 10,000 Gram Panchayats (GPs) in Rajasthan. As per the agreement, RISL had to install upto 5 Wi-Fi Access Points in each GP. Total approved project cost of Rs. 400 Cr. (@ Rs. Four Lacs per GP x 10,000 GPs approx.) was to be funded by Government of India (GoI).
3. Rs. 400 Crore was approved in 76th SeMT to deploy 5 Wi-Fi APs in each Gram Panchayat under Raj WiFi Project. BBNL agreed to fund the project at a cost of Rs. 80,000/- per Wi-Fi AP (05 APs per GP in 10000 GPs).
4. Later, In meeting held under the Chairmanship of Administrator, USOF on 15-11-2019, It was agreed that RISL will install only 2 Wi-Fi APs at each GP instead of earlier approved 5 APs, Hence, the cost of project is revised to Rs. 160 crore (considering 2 Wi-Fi APs per GP @ Rs. 80,000 per Wi-Fi AP).
5. Later on, as per BBNL letter of dated 21-07- 2020, RISL asked to install one Wi-Fi AP in each GP and in lieu of second Wi-Fi AP, 05 FTTH connections are to be provided to the government institutions in each GP.
6. As per revised scope of work, Rs. 80 crore + taxes, is being funded by Universal Service Obligation Fund (USOF), GoI to RISL for FTTH work (Rs 80,000/- for 05 FTTH connections in a GP) at 10000 GPs in Rajasthan.
7. **Execution of FTTH work** - An MoU has been signed between RISL and BSNL for providing FTTH connections at Gram Panchayat level on dated 29th March 2022. Work order was given to BSNL on 21st October 2022. Five (05) FTTH connections is being provided to govt. offices / buildings/ institutions in each GP across Rajasthan using BharatNET. 24000+ FTTH connections in 4800 + GPs, have been commissioned so far and work in progress in remaining GPs.
8. The project is being implemented since October 2022 to provide 05 FTTH connections in each Gram Panchayat.

9. The estimated expenditure of the work is as mentioned below -

S. No.	Description	Amount including GST
1.	CAPEX cost - Rs 80,000/- + GST for 05 FTTH connections in a GP (For total 10,000 GPs:- 80,000 x 10,000 = 80,00,00,000/- + GST)	Rs. 94.40 Crore
2.	FTTH Plan Charges (Rs. 500 per month or 6000 per year) shall be applicable from 2nd year onwards. (For Total 50,000 FTTH connections: - 6000 x 50,000 x 4 Years = 1,20,00,00,000/- + GST)	Rs. 141.60 Crore
Total Amount		Rs. 236.00 Crore

10. Fund Management/ Funding pattern:

The CAPEX expenditure would be met from the fund sanctioned by DoT (GoI) and OPEX shall be borne from the State budget. Funding pattern would be as mentioned below: -

S. No.	Description	Amount including GST
1.	DoE (Dept. of Expenditure, GoI) funding already approved in 76 th SeMT (GoR)	Rs. 80 Crore + GST
2.	Additional fund required from State budget in next 05 Years	Rs. 141.60 Crore
Total Amount		Rs. 236.00 Crore

The Committee deferred the project proposal with remark to re-evaluate by discussing with all the stack holders and re-submit.

11. Project : Procurement of Supply, Installation, Maintenance of Tableau Server, Tableau Creator Licenses and Hiring Tech. Experts' services for Tableau Project (DoIT&C)

The Committee was briefed about the project. DoIT&C had procured a Tableau Server license for its cross-platform analytics for the Rajasthan State Data Centre. Tableau is used to visualize data and reveal patterns for analysis in business intelligence, making the data more understandable. Tableau platform performs a set of operations for data analysis, which is currently used by various e-governance projects of the Rajasthan Government.

Current Status:

Department of Information Technology and Communication had placed a work order for "Supply, Installation, Maintenance and ATS of Tableau Licenses" vide Ref. No. F5(1359)/RISL/TECH/2020/03313/2021 dated 15/09/2021 for the duration of 3 years. The current contract would expire on 24.09.2024.

Currently, a team of 1 technical expert is deployed to work on Tableau Project. Earlier the project was approved in the 85th SeMT meeting, as part of SwDC project and the approval was accorded till march 2024.

Project Scope

The major areas, where the team is working on as part of the assignment, are as following:

1. Operation and Maintenance of Tableau Server and Tableau Creator Licenses.
2. Develop innovative, secure, dynamic/static analytical dashboards and reports for

various State Government projects and applications using the existing available tools/platform.

3. Data modelling, designing, coding, testing and deployment of Tableau reports for different projects/schemes.
4. Administration of Tableau stack at RSDC.

Project Duration

The duration of the project is Three (3) years.

Implementing Agency

For implementing the project, RISL would be the implementing agency for the project.

Project Financials

Indicative cost (incl. of taxes) for a duration of Three years is as following: -

(Rs. in Lakh)

Sr.No.	Item Description	Financial Year wise requirement			Total Estimated Requirement
		2024-2025	2025-2026	2026-2027	
1	Tableau Server with one year subscription (16 Core)	128.00	256.00	256.00	640.00
2	Tableau Creator with one year subscription	4.10	8.20	8.20	20.50
3	Manpower Services (Sr. Developer)	15.00	30.00	30.00	75.00
4		Total Cost			735.50
5	RISL Service Charges (as per order number F2.1(22)/RISL/Actt/12-13/5370 dated 31.10.2023, retainer Ship category @ 5%)				5.00
6	Grand Total (4+5) *Including GST and RISL services charge				740.50

Fund Management:

Expenditure would be met from the funds available with Software Development (SwDC) budget head of DoIT&C.

The Committee accords technical approval on the proposal having estimated cost of Rs. 740.50 Lakh

12. Project : Implementation and maintenance of the project "Software Development Centre (SwDC) 2024-2027 (DoIT&C)

The Committee was briefed about the project. The project Software Development Centre (SwDC) was conceived in compliance of Budget Announcement for the Financial Year 2014-15 and with an objective to provide an institutional framework, prepare and issue guidelines, setting-up necessary infrastructure (Hardware and Software), acquire various software products and platforms, undertake design, development, customization and implementation of the proposed Application/Platform development initiatives of the State of Rajasthan, and to support various Departments in identification and implementation of various application led initiatives across the State In line with the objectives, the project was approved in 52 SeMT for Rs.541.83 Lacs, 56th SeMT for revised amount of Rs 5410.00 Lacs, 25th Apex for Rs. 5221.00 Lacs for SwDC Phase-I and 73rd meeting for Rs. 14,728.00 for Phase-II. Currently, the project Software Development Centre (SwDC) 2021-24 has been approved in the 85th SeMT in the meeting held on 13th May 2021 for Rs 10,371.32 Lacs. Breakup of final approved components and amount are as under

I. As approved in 25th Apex Committee Meeting dated 22.05.2015

S.No.	Description	Total Approved Cost (Rs In Lacs)
1	Hiring of Software Development Services	1860.00
2	Creation of Software Development Platform / Tools / Standard Software	3330.00
3	Misc. Expenditure (Workshops / Training / Meeting / Transportation / Communication / Advertisements / Security Audit / Contingency etc.)	31.00
Total		5221.00

II. As approved in 85th SeMT Meeting dated 13.05.2021

S.No.	Description	Total Approved Cost (Rs In Lacs)
1	Hiring of Software Development Services	5662.06
2	Creation of Software Development Platform / Tools / Standard Software	4348.00
3	Misc. Expenditure (Workshops / Training / Meeting / Transportation / Communication / Advertisements / Security Audit / Contingency etc.)	361.26
Total		10,371.32

Rollout of Software Development Center

Roll-out of the project has already been started and various activities have already been initiated

A. Creation and maintenance of unified platforms for development and/or hosting various software applications in SwDC and for Development Activities

Following platforms have already been established:

- I. Platform for creating & hosting Adobe e-Forms for various applications including Bhamashah, Rajasthan Sampark
- II. Rapid development tool on Dot Net platform namely Axpert
- III. Standard Software of Microsoft for Data Center & Development activities
- IV. Unified Mobile application development and management platform namely IBM Worklight (now renamed as MobileFirst by its OEM)
- V. Advance Analysis and Fraud Framework (in compliance of budget announcement 2015-16): As per the need upgradation of Advanced Analytics has also been completed.
- VI. Common Dashboard development platform
- VII. Microsoft Exchange Server for providing email services
- VIII. Secure Email gateway for the state deployed in RSOC for handling email traffic
- IX. Business Intelligence Tool along with Reporting module
- X. Streaming server
- XI. Deployed parallel stack for mobile app development and management on Newgen's Enterprise Mobility Framework
- XII. Performance Testing Tool (HP Load Runner) for Performance Testing of web and mobile applications

B. Following development/technical support activities were undertaken

- I. Development of Adobe e-Forms for various applications including Bhamashah Rajasthan Sampark
- II. CMIS, RCMS, RSLDC, DOP and MJSA have been developed on Axpert platform and are live for users.
- III. Work of enhancement, development for Rajasthan Sampark Portal and integration with other applications are being done as per user's requirements has also been taken up and being catered regularly.
- IV. Approx. 50 Mobile Apps developed and more than 70 mobile apps hosted on MobileFirst platform for various projects/departments/PSUs
- V. Email services have been established for state and is functional since last four years approx.
- VI. Single Window clearance system developed and made functional
- VII. Various state events are streamed (webcasted) on Streaming server
- VIII. Development, Customization, Integration, Maintenance and Performance Testing of Web and mobile application software
- IX. Establishment of Project Monitoring Unit for monitoring and coordination of various activities of Software Development Center
- X. Bhamashah Blockchain
- XI. Robotics
- XII. E-Vault
- XIII. Raj Sewa dwaar
- XIV. ILMS
- XV. Technical GAP Analysis
- XVI. Social Media Support

C. Development/Technical support to other departments/projects/PSUs

- I. Tour and Visit Module (Dept. of Reforms)
- II. Rajasthan Yuva Vikas Prerak (Dept. of Economics & Statistics)
- III. District Level Committee Module
- IV. Teerth Yatra Booking & Lottery System (Devsthan Department)
- V. MLA laptop purchase module
- VI. Technical Support to Planning Department
- VII. Technical Support to CMO
- VIII. Sustainable Development Goals

Way Forward

In order to move further, following are the requirements:

- I. Undertaking Application Software Development including enhancement work of existing applications, Standardization of procedures, codes and data by hiring of respective services, as decided time to time. Some of the identified requirements are as under:
 - a) Data Analytics Project
 - b) Raj Sewa Dwaar - Hiring of Technical Experts
 - c) AMC of Tableau Servers and Subscription of Creator Licenses
 - d) Upgradation of Raj Sewa Dwaar Platform to Container Based Platform (274 CP4I Licenses - Capital)
 - e) RajCAD Training and Capacity Building
 - f) Manpower Hiring through NICSI for S/W Development

g) Any other application development/support as per directions/approval of competent authority

II. Creation of software platforms as per the requirements felt time to time.

III. Procurement of standard software for Development activities such as Visual Studio, Rapid Application Development Platform.

IV. Obtaining ATS / Maintenance / Support Services including upgradation, updates, patches for existing platforms and software deployed in data center and for development activities

1. Mobile First Platform
2. Axpert Platform
3. Business Intelligence Tool along with Reporting module
4. Microsoft Team Foundation Server

V. Project Monitoring Unit:

1. Operations and Enhancements of existing projects
2. FMS & Operations of existing software deployed

Note: The above activities are proposed to be done by deploying combined teams of DOIT&C manpower and hired of expert services for the subject matter.

VI. Mobile app hosting services, FMS for existing mobile apps and development of new mobile applications shall be cater as per requirement.

VII. Performance testing operations of web and mobile applications including expert services.

Duration of the project

Although nature of the project is continuous and on-going, proposal is made for extension of the project period for Three (3) consecutive financial years 2024-2027.

Implementing Agency

For implementing the SwDC project, RISL has already been approved as implementing agency in the 56th SeMT meeting.

Budgetary Estimates for financial years 2024-2027

(Rs. in Lakh)

S.No	Description	Requirement of financial year			Total Estimated Requirement
		2024-25	2025-26	2026-27	
1	Creation of Software Development Platform/Tools/Standard Software and ATS/ Maintenance/ Support Services	1700.00	2040.00	2448.00	6188.00
2	Hiring of Software Development and Project Monitoring Services	1450.00	1740.00	2088.00	5278.00
3	Misc. Expenditure (Workshops / Training / Meeting / Transportation / Communication / Advertisements/ Security Audit / Contingency etc.)	72.00	87.00	104.00	263.00
Total (in lac Rupees)		3222.00	3867.00	4640.00	11729.00

Manpower Required

Currently various platforms and solutions have been established as part of SwDC namely Agile's AXPERT Platform, Microsoft Software Products (including MS SQL, TFS, Exchange Server, etc.), SAS Analytical Tools, IBM's MobileFirst, Secure eMail Gateway, SAP Crystal Reports, Newgen's Mobile App Development Platform (NEMF), HP Load Runner for application testing etc.

Therefore to strengthen in-house development and technical capability and to facilitate rapid application development, a resource pool for expert manpower has been required to add on the existing expertise of the department and improve the delivery times and meet the critical and urgent requirement in a time-bound manner.

A consolidated summary of the manpower approved in the 85th SeMT meeting is placed below:-

S.No	Category	Number of Required Manpower
1	Data Analyst	2
2	Database Administrator	4
3	Software Developer	6
4	Sr. Data Analyst	2
5	Sr. Software Developer	29
6	Sr. Technical Project Manager	2
7	Sr. UI/UX Designer	1
8	Technical Project Manager	2
9	Tester	4
10	UI/UX Designer	3
11	Cyber Security Expert	1
Total		56

The Committee accords technical approval on the proposal having estimated cost of Rs. 11729.00 Lakh.

13. Project : Technical evaluation of Aadhar Enrolment Kits to be procured under UID project for implementation of the In-house-model. (DoIT&C)

The Committee was briefed about the project. As per the UIDAI's OM dated 14.10.2022 and OM dated 30.01.2023, for a Registrar to operate its aadhaar machines/Aadhaar Enrolment Kits (AEKs) in In-house model so that all the facilities of aadhaar enrolment and update shall continue on the Aadhaar enrolment kits, otherwise some essential features of Aadhaar enrolment and update will be revoked.

Items covered under Aadhaar Enrolment Kits (AEKs)

Following items constitute an Aadhaar Enrolment Kit (AEK)

A) Items constituting an AEK:

S. No.	Items	Estimated Cost
1	Desktop	40,000/-
2	Monitor	6,500/-
3	HDMI Cable	500/-
4	Multi-Functional Printer	15,000/-
5	Iris Scanner	24,000/-
6	Web Camera	2,500/-
7	SLAP Scanner	50,000/-

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

S. No.	Items	Estimated Cost
8	GPS Device	3,000/-
9	Single Finger Scanner	3,000/-
10	UPS	4,000/-
11	Surge Protector Spike	1,500/-
	Total Cost	Rs. 1,50,000/-

Present Scenario & Proposed SoW:

Presently, DOIT&C is operating under Village Level Entrepreneur (VLE) model where the Aadhar Machine/Kit is owned by the operator whereas the aadhaar center is operated from a Government owned building/Government premises.

However, as per the aforementioned OM's of UIDAI, in order to avail all the facilities regarding Aadhar enrolment and update, aadhaar centers pertaining to the respective Registrars must operate under the aforementioned In-house model.

DOIT&C Rajasthan is one of the biggest Registrar and State Nodal Department of UIDAI having more than 1800 Active Aadhaar centers. Hence, looking on to the requirement of the general public and redressal of the aadhaar related grievances, Implementation of the In-house model is must and hence, in first phase, 412 Aadhar Enrolment Kits (AEKs) shall be deployed at District Headquarters and Block Headquarters. Approval for the procurement of 412 AEKs has already been given.

Keeping in view the facts mentioned above, there is requirement of procurement of Aadhaar enrolment Kits (AEKs)

Financial Implication (for current proposal):

Approval has been received for the procurement of a total of 412 AEKs.
Districts- 50 (50 AEKs shall be deployed at District Head Quarters).
Blocks- 362 (362 AEKs shall be deployed at Block Head Quarters).

Total AEKs to be procured in initial phase + 362 + 50 = 412
Estimated cost of (1) AEK= Rs. 1,50,000/- (Inclusive of GST)

Total Estimated cost= Rs. 1,50,000 x 412= Rs. 6,18,00,000/- (Inclusive of GST)

Implementing Agency

Department of Information Technology & Communication (DoIT&C), GoR being the nodal department shall take up the task and will ensure timely deployment of the said Aadhaar Enrolment Kits (AEKs) at District Head Quarters and Block Head Quarters.

The Committee accords technical approval on the proposal having estimated cost of Rs. 618.00 Lakh.

Meeting ended with a vote of thanks to the chair.

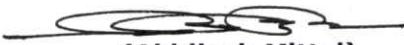
This bears the approval from competent authority.



(Inderjeet Singh)
Commissioner & Special Secretary

Copy for information and necessary action to:

1. PS to Addl. Chief Secretary, Medical & Health Dept., Rajasthan, Jaipur
2. PS to Addl. Chief Secretary, Finance Dept., Rajasthan, Jaipur
3. Ps to Addl. Chief Secretary, Energy Department, Rajasthan, Jaipur
4. PS to Principal Secretary, Agriculture and Horticulture Dept., Jaipur
5. PS to Principal Secretary, Planning Dept., Rajasthan, Jaipur
6. PS to Secretary, Dept. of IT&C, Rajasthan, Jaipur
7. PS to Director & Ex-Officio Special Secretary, WD&SC Dept., Jaipur
8. PS to Commissioner & Special Secretary, Dept. of IT&C, Rajasthan, Jaipur
9. PS to Commissioner, Agriculture Department, Jaipur
10. PS to Managing Director, Rajasthan State Vidhyut Prasaran Nigam Ltd., Jaipur
11. PS to Secretary, State Election Commission, Jaipur
12. PS to Assistant Chief Executive Officer, RSHAA, Jaipur
13. PA to OSD (UID), Dept. of IT&C, Jaipur
14. PA to Additional Director, WD&SC Dept., Rajasthan, Jaipur
15. PA to Joint Secretary, Finance (Expenditure-III) Dept., Raj., Jaipur
16. PA to Director (Technical), RajCOMP Info Services Limited, Jaipur
17. Shri Y.K. Jain, Technical Director, Dept. of IT&C, Jaipur
18. Shri Rajesh Kumar, Technical Director, Dept. of IT&C, Jaipur
19. Shri Darbari Lal, Technical Director, Dept. of IT&C, Jaipur
20. DDG & SIO, NIC, Rajasthan, Jaipur
21. OSD, Planning Dept., Govt. Secretariat, Jaipur
22. Smt. Poonam Choudhary, Chief Accounts Officer, Dept. of IT&C, Jaipur
23. Shri Mukesh Arora, Additional Director, Dept. of IT&C, Jaipur
24. Shri M. K. Tibrewal, ACE (IT), RVPN, Jaipur
25. Shri Dheeraj Gaur, S.A. (Joint Director), Dept. of IT&C, Jaipur
26. Shri Ashish Kumar Gupta, S.A. (Joint Director), Dept. of IT&C, Jaipur
27. Smt. Monika Chaudhary, S.A. (Joint Director), RISL, Jaipur
28. OIC website, Dept. of IT&C, Jaipur for uploading the MoM on website.
29. Smt. Ritu Bhaskar, S.A. (Joint Director), Chief Minister Office, Jaipur
30. Shri Rakesh Verma, S.A. (Joint Director), Dept. of IT&C, Jaipur
31. Miss Ruchi Agarwal, DLR, State Election Commission, Jaipur
32. Miss Kiran Meena, ACP (Dy. Director), State Election Commission, Rajasthan, Jaipur
33. Shri Mahendra Doon, A.C.P. (Dy. Director), Agriculture Dept., Jaipur
34. Shri Pankaj Kumar Sharma, A.C.P. (Dy. Director), RSHAA, Jaipur
35. Shri B. L. Jat, Deputy Director (Tech.), Agriculture Dept., Jaipur
36. Shri Sanjay Sepat, Manager (T), RISL, Jaipur
37. Shri Yogendra Kumar Agarwal, AEN, WD&SC Dept., Jaipur
38. Director, LNMIIT, Jaipur



(Akhilesh Mittal)
Technical Director

99th Meeting of SeMT held on 06-05-2024 - List of Attendees

S. No.	Name of officer	Designation
1.	Ms. Arti Dogra	Secretary, Dept. of IT&C/ Chairperson, SeMT
2.	Shri Inderjeet Singh	Commissioner & Special Secretary, Dept. of IT&C
3.	Shri Kanhaiya Lal Swami	Commissioner, Agriculture Dept., Jaipur
4.	Shri Nathmal Didel	Managing Director, Rajasthan State Vidhyut Prasaran Nigam Ltd., Jaipur
5.	Shri Mayank Manish	Assistant Chief Executive Officer, State Health Assurance Agency, Rajasthan, Jaipur
6.	Ms. Chanchal Verma	OSD (UID), Dept. of IT&C, Jaipur
7.	Shri Rajendra Prasad	Additional Direction, Water Shade Development & Soil Conservation Dept., Rajasthan, Jaipur
8.	Shri V. C. Bunkar	Joint Secretary, Finance Dept., Jaipur
9.	Shri Akhilesh Mittal	Technical Director, Dept. of IT&C
10.	Shri Y.K. Jain	Technical Director, Dept. of IT&C, Jaipur
11.	Shri Jitendra Kumar Verma	DDG & SIO, NIC, Rajasthan
12.	Shri Naraian Paliwal	OSD, Plan, Planning Dept.
13.	Shri Mukesh Arora	Additional Director, Dept. of IT&C, Jaipur
14.	Shri M. K. Tibrewal	ACE (IT), RVPN, Jaipur
15.	Shri Dheeraj Gaur	S.A. (Joint Director), DOIT&C
16.	Shri Ashish Kumar Gupta	S.A. (Joint Director), RISL, Jaipur
17.	Shri O.P. Jatawat	S.A. (Joint Director), Dept. of IT&C
18.	Smt. Monika Chaudhary	S.A. (Joint Director), RISL
19.	Smt. Ritu Bhaskar	S.A. (Joint Director), CMO, Rajasthan, Jaipur
20.	Shri Rakesh Verma	S.A. (Joint Director), Dept. of IT&C
21.	Miss Ruchi Agarwal	Deputy Legal Remembrancer (DLR), State Election Commission, Jaipur
22.	Miss Kiran Meena	A.C.P. (Dy. Director), State Election Commission, Rajasthan, Jaipur
23.	Shri Mahendra Doon	A.C.P. (Dy. Director), Agriculture Dept., Jaipur
24.	Shri Pankaj Kumar Sharma	A.C.P. (Dy. Director), RSHAA
25.	Shri B. L. Jat	Deputy Director (Tech.), Agriculture Dept., Jaipur
26.	Shri Sanjay Sepat	Manager (T), RISL, Jaipur
27.	Shri Yogendra Kumar Agarwal	AEN, WD&SC Dept., Jaipur

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