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Dated: 28-06-2024

Minutes of 27th meeting of Apex Committee dated 12-06-2024

The 27th meeting of the State Level Apex Committee for Department of Information Technology & Communication was convened under the Chairmanship of Chief Secretary, Rajasthan on 12-06-2024 at 10:30 AM in Committee Room No. 1, Govt. Secretariat, Jaipur. The list of participants is enclosed at Annexure "A".

Secretary, IT&C briefed the Committee about the constitution of State Level Apex Committee, State e-Governance Mission Team (SeMT) & Project e-Governance Mission Team (PeMT).

Apex Committee directed to review existing Apex Committee framework and put-up a proposal to AR Department to revamp the aforesaid Apex Committee keeping in view that the projects which are being implemented and affect the entire State may be included in the Committee and to include the project on their cost basis.

Agenda Item(s) discussed during the meeting are indexed as follows:

SN	Name of Project	Department	Estimated Cost (Rs. In Lakh)
1.	Raj Kisan Saathi v3.0	Agriculture	4840.00
2.	Computerization of Primary Agriculture Credit Societies in the State of Rajasthan	Cooperative	28592.19
3.	Supply, Installation & Commissioning of Equipment under Integrated Traffic Management System (ITMS) Project	Transport	10098.48
4.	ICT Lab, Smart Classroom, ICT Facility to BRCs, and Teacher Resource Package (Primary)	RCScE	45822.70
5.	Design, Development and Implementation of Integrated Health Management System (iHMS 2.0)	Health	3708.00
6.	Design, Development and Implementation of Web and Mobile Application for GIS based Asset Management, Network Analysis, Network Management System (NMS) and Enterprise Management System (EMS)" under Revamped Distribution Sector Scheme (RDSS) for all three Discoms- (i.e. AVVNL, JVVNL, JdVVNL).	Energy	8000.00
7.	Implementation of Utility Billing System in Rajasthan Discoms (JVNL, JdVVNL, AVVNL) under SaaS model	JVVNL/ Energy	35000.00
8.	Artificial Intelligence and Machine Learning based Real Time Auto Service Delivery System (SMART)	DoIT&C/ RISL	15000.00
9.	Cyber Security Center of Excellence and Hiring Red Team Assessment Services	DoIT&C/ RISL	4500.00
10.	Project cost revision of existing RajKaj Software (v1.0)	DoIT&C/ RISL	7000.00
11.	Centre of Excellence for Block Chain	DoIT&C/ RISL	1825.60

SN	Name of Project	Department	Estimated Cost (Rs. In Lakh)
12.	Blockchain Implementation in Land Records, Health Records, E-Coupons	DoIT&C/ RISL	7610.00
13.	Extension of Wildlife Surveillance and Anti-Poaching System (WS&APS)	DoIT&C/ RISL	25180.42
14.	Implementation and Maintenance of the project "Software Development Centre (SwDC) 2024-2027 Supply, Installation, Commissioning, Implementation and Support for Enterprise Resource Planning (ERP) System at Rajasthan Discoms	DoIT&C/ RISL	11729 .00
15.	Supply, Installation, Commissioning, Implementation and Support for Enterprise Resource Planning (ERP) System at Rajasthan Discoms	JVNL/ Energy	9000.00
16.	Extension of the project e-Sanchar 3.0	DoIT&C/RISL	1496.34
17.	Online Ticket Booking Management System (OBMS) for Tourism Department	DoIT&C/ RISL	1000.00
18.	Revised project of Chief Minister Information System (CMIS)	DoIT&C/ RISL	1086.14
19.	Hiring of technical experts' services to work on Analytics Stack and OEM ATS of SAS stack	DoIT&C/ RISL	2548.00
20.	Extension of iHMS 1.0 for one (1) year and additional one (1) year.	Health	1140.06

Project 1: Raj Kisan Saathi v3.0(Agriculture Department)

The Committee was briefed about the project by Principal Secretary, Agriculture Department. 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:

- A. Farmer Databank
- B. Agri Input Management System
- C. Agri Output Management System
- D. Agri Facilitation
- E. e-Market Place

The project is divided into the 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.

Financial Implication: Rs. 48.40 Crore

The Committee is of the view that the similar project models of other States may also be studied to adopt the best practices/ features of the models. Database of Aadhaar and Jan Aadhaar may be linked to the project modules for benefit to the beneficiaries across the State.

Project 2: Computerization of Primary Agriculture Credit Societies in the State of Rajasthan (Cooperative Department)

The Committee was briefed about the project by Registrar, Cooperatives Department. The Department envisions carrying out computerization of all PACS in the State for smooth transition from manual record keeping to computerized software, for reducing redundancies and duplicity and thus making the functioning and monitoring of PACS easier and more accountable.

Further, it was also informed that financial audits have been mandatory as financial transactions are being recorded under the aforesaid project. Presently, 475 PACS are live and rest of the PACS will be going live by August 2024.

Financial Implication: Rs. 28592.19 Lakh

The Committee is of the view that the targets of the project must be archived and also Database(s) of Aadhaar, Jan Aadhaar, Raj Sewa Dwaar, e-Vault and other State Government platforms must be integrated with the project for benefit to the beneficiaries of the State. PACS should be used as GSSS distribution centers.

The Committee is also of the view that the directions/ conditions of the SeMT may be converted into standard protocols and generic guidelines and the same may be used for the other Departmental projects instead of each project requiring separate SeMT clearance.

Project 3: Supply, Installation & Commissioning of Equipment under Integrated Traffic Management System (ITMS) Project(Transport Department)

The Committee was briefed about the project by the Additional Chief Secretary, Transport Department and Commissioner & Spl. Secretary, ITC. ITMS is an Integrated Traffic Management System with objectives as mentioned below:

1. Enhance road safety
2. Smooth and uninterrupted traffic flow
3. Alerts for abnormal driving behaviors, road conditions.
4. Reduce journey time and inconvenience
5. Effective enforcement

Financial Implication: Implementation period of 1 year followed by 5 years of Operation & Maintenance (O&M) phase. Project cost as Rs. 10098.48 Lakh.

The Committee is of the view that the pilot project must ensure the utilization of all the features of the ITMS project.

Project 4: ICT Lab, Smart Classroom, ICT Facility to BRCs, and Teacher Resource Package (Primary)(RCScE)

The Committee was briefed about the project by Secretary, Education Department. Rajasthan Council of School Education (RCScE) intends to procure various ICT items to set-up Smart Classrooms, ICT Labs along with ICT labs at Block Resource Centre.

Financial Implication: Rs. 45822.70 Lakh.

The Committee is of the view that the implementation of the project should be on time in all the schools of Rajasthan. Terms and Conditions for vendor selection should be such as to ensure maximum participation.

Project 5: Design, Development and Implementation of Integrated Health Management System (IHMS 2.0)(Health Department)

The Committee was briefed about the project by Mission Director, National Health Mission (NHM), Medical & Health Department. The aim is to provide better quality and more services to citizens and healthcare providers with a provision of continuous add-ons. IHMS 2.0 is an enhanced version of the existing IHMS 1.0 application, therefore current IHMS 1.0 will be the subset of IHMS 2.0. After IHMS 2.0 goes live officially, IHMS 2.0 will take over IHMS 1.0 application.

Financial Implication : Rs. 3708.00 Lakh

The Committee is of the view that the Department should get inputs about the features of the Central Government Health Scheme (CGHS) from Government of India and the same could be analyzed for inclusion in the project accordingly.

Project 6: Design, Development and Implementation of Web and Mobile Application for GIS based Asset Management, Network Analysis, Network Management System (NMS) and Enterprise Management System (EMS)" under Revamped Distribution Sector scheme (RDSS) for all three Discoms- (i.e. AVVNL, JVVNL, JdVVNL).(Energy Department)

The Committee was briefed about the project by Additional Chief Secretary, Energy Department. Under GOI scheme a Revamped Distribution Sector scheme (RDSS) for all three DISCOM's - (i.e. AVVNL, JVVNL, JdVVNL) for IT/OT enablement (Infrastructure Works- Loss Reduction) is to be implemented. For this purpose, the project aims to Design, Develop and Implement a Web and Mobile Application for GIS based Asset Management, Network Analysis, Network Management System (NMS) and Enterprise Management System (EMS).

Financial Implication:

The estimated cost of the project is Rs. 80.00 Crore (Rs. 48.00 Cr. sanctioned grant under Revamped Distribution Sector Scheme (RDSS) with GBS @ 60%).

The Committee is of the view that the project seems appropriate.

Project 7: Implementation of Utility Billing System in Rajasthan Discoms (JVNL, JdVNL, AVVNL) under SaaS model (JVNL/ Energy Department)

The Committee was briefed about the project by Additional Chief Secretary, Energy Department. The proposed solution consists of requirement of Billing solution, Manpower, Hardware & Consumables.

Financial Implication:

Estimated cost of Rs. 350.00 Crore (Rs. 155.00 Crore sanctioned under Revamped Distribution Sector Scheme (RDSS) with GBS @60%).

The Committee is of the view that the billing model/ solution of Assam, NDMC and Madhya Pradesh States may also be studied and some best practices used in aforesaid Utility Billing System of Rajasthan DISCOMS. The Committee is also of the view that smart metering should be integrated with the project.

Project 8: Artificial intelligence and machine learning based Real Time Auto Service Delivery System (SMART)(DoIT&C/ RISL)

The Committee was briefed about the project by Commissioner, IT&C. Government of Rajasthan (GoR) is implementing AI/ML based solution through which auto availability of benefits and services shall be available on time at the home of eligible beneficiaries using Jan Aadhar Resident Data Repository (RDR) without making any request online/ offline application from beneficiaries.

Objective of the project:

- a. Auto Identification of beneficiary based on details present in Jan Aadhar data repository and databases of other departments.
- b. Auto application of beneficiaries for eligible schemes
- c. Auto approval by system
- d. Initiation of Auto Delivery of benefits

The main elements of "SMART" are as follows:

- a. Verification with External Database
- b. Prepare Database of Schemes Eligibility
- c. Verification of Eligibility
- d. Resident Consent
- e. Full Automation

Roll out phases:

1. Jan Aadhaar Data
2. Jan Aadhaar Data and Line Department Data
3. Additional Documents from residents

Estimated Financial Implication: Rs. 150 crores.

The budget is inclusive of:

1. Development and Implementation cost of AI/ML-based rule engine software
2. Maintenance of Software for a period of five years

Secretary, IT&C informed that Solution for two (2) services in pension scheme of SJED has been completed as part of the 100 days' action plan under Auto Service Delivery.

The Committee is of the view that review of service delivery mechanism may be made so that proposed "Right to Guarantee" concept may be possible to provide for various services to the citizens in the State.

Project 9: Cyber Security Center of Excellence and Hiring Red Team Assessment Services(DoIT&C/ RISL)

The Committee was briefed about the project. The present era of Governance is e-Governance or m-Governance. e-Governance or m-Governance is the IT application or aggregation of various IT applications for delivering government services, exchange of information, communication transaction, integration of various standalone systems between Government to citizens (G2C), Government to Business (G2B), Government to Government (G2G), Government to Employee (G2E) as well as back office process and interactions within the entire government framework.

e-Governance consists of various critical sensitive and financial information of citizens and employees. Therefore, a secure framework and environment is required to host and cater to this data.

Financial Implication: Rs. 45.00 crore

Project 10: Project cost revision of existing RajKaj Software (v1.0)(DoIT&C/ RISL)

The Committee was briefed about the project. The Rajkaj software under the project is presently in 'Application Support' Phase. In the 96th SeMT meeting dated 23.6.2023, the SeMT committee accorded approval of 2-year contract for the Application Maintenance & Facility Management Services of existing Rajkaj Application for the duration of Oct'2023 to Sept'2025 at INR 7.50 Crs per annum.

The cost of project components including Application Development, Application Maintenance, Server Hardware and Software, Helpdesk Services, Data Digitization Activities etc is detailed as under:

Cost Components	Cost (in Lakh)
Development (Base + Additional Scope)	750.00
Data Centre Hardware & Software	400.00
Helpdesk Services (Since 2017)	600.00
Application Maintenance & Support (for 3 years) Cost [2017-2020]	1800.00
Application Maintenance & Support (for 2 years) Cost [2021-2023]	1200.00
Application Maintenance & Support (for 2 years) Cost [2023-2025]	1500.00
Other Components & Miscellaneous [Training, Legacy Data Digitization, DoP IAS Transfer posting system]	315.00
RISL Service Charges	435.00
Total	7000.00

Financial Implications: Overall estimated cost of the proposal is Rs. 7000.00 Lakhs (since inception i.e. Jan'2016 to Sept'2025 in phased manner).

Project 11: Centre of Excellence for Block Chain(DoIT&C/ RISL)

The Committee was briefed about the project. The Centre of Excellence in Block Chain Technology would operate as a coordinated, interoperable Block Chain ecosystem across the State. It would act as a gateway to test and develop best solutions for application areas envisaged by DoIT&C/ RISL at State level.

The software for Block Chain Platform has already been purchased under IFMS project and installed in State Data Center. Center of Excellence for Block Chain would require a Project Monitoring Unit (PMU) and a Project Development Team (PDT). These teams would comprise of Project Manager, Technical Architect, Technical Consultants, Business Consultants, Developers, Testers etc. from industry and/or OEM for undertaking planning, designing, development and implementation activities of Block Chain based applications.

Financial Implication: Rs. 1825.60 Lakh

Project 12: Block-Chain Implementation in Land Records, Health Records, E-Coupons(DoIT&C/ RISL)

The Committee was briefed about the project. Department of IT&C/ RISL aims to setup and maintain a State-wide Block Chain platform that can be leveraged by Government Departments and agencies on a case-to-case basis. This Block Chain will be used to build transparent, efficient and secure citizen centric and inter-organizational workflows. Enterprise grade G2G (Govt. to Govt.), G2B (Govt. to Business) and G2C (Govt. to Citizen) products and services will be implemented using this infrastructure. It will also be used to augment legacy platforms and existing IT infrastructure by providing an immutable ledger secured by cryptography.

Financial Implication: Rs. 7610.00 Lakh

Project 13: Extension of Wildlife Surveillance and Anti-Poaching System (WS&APS)(DoIT&C/ RISL)

The Committee was briefed about the project. A software based technology enabled Wildlife Surveillance and Anti-Poaching System (WS&APS) has been deployed at five sites i.e. Ranthambore Tiger Reserve (RTR) Sawai Madhopur, Sariska Tiger Reserve (STR) Alwar, Mukundra Hills Tiger Reserve (MHTR) Kota, Jawaibagh Leopard Conservation Reserve (JLCR) Pali and Jhalana Nature Park (JNP) Jaipur. Further, it is proposed to expand WS&APS project in Forest and other Departments/ Sectors for better surveillance.

Financial Implications: Rs. 25180.42 Lakh

Project 14: Implementation and Maintenance of the Project "Software Development Centre (SwDC) 2024-2027(DoIT&C/ RISL)


The Committee was briefed about the project. The project Software Development Centre (SwDC) was conceived in compliance of Budget Announcements for the

Financial Year 2014-15 and with an objective to provide an institutional framework, prepare and issue guidelines, set-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.

Financial Implication for financial years 2024-2027: Rs. 11729.00 Lakh

Project 15: Supply, Installation, Commissioning, Implementation and Support for Enterprise Resource Planning (ERP) System at Rajasthan Discoms (JVNL/ Energy Department)

The Committee was briefed about the project, the Up-gradation of ERP versions Plus New Modules and Hardware & Services for each Discom. Looking to the requirement in all three Discoms, it has been decided to float a Single NIT for all three Discoms of Rajasthan on turnkey basis **with FMS period for 5 years (3+2)** so that Common ERP is deployed across the State.

Financial Implication: Rs. 90.00 Crore.

Project 16: Extension of the project e-Sanchar 3.0(Department of IT&C/ RISL)

The Committee was briefed about the project. The existing contract of the SMS services was made in the year 2021 for a duration of 2 years for a quantity of 230 crore SMS messages where the quantity of 200 crore messages was for TRAI Exempted category and 30 crore was for Non-TRAI Exempted category. The same contract has been extended for a period of 1 year with 50% of quantities of existing contract. The costs of original contract and repeat contract were Rs. 5.46 core and Rs. 2.73 crore respectively.

Financial Implications: Rs. 1496.34 Lakh

Project 17: Online Ticket Booking Management System (OBMS) for Tourism Department (DoIT&C/ RISL)

The Committee was briefed about the project by Principal Secretary, Tourism Department. It is a Single Integrated Web & Mobile Based Unified Online Booking Management System (OBMS) as an IT-enabled solution as per the e-Governance Framework to facilitate tourists and the State's Tourism Department.

Financial Implication: Rs. 1000.00 Lakh

The Committee is of the view that the Department may examine to add some other features in the system to provide better facilities like "Hop-On Hop-Off" services for easy access of tourist places to the tourists in Rajasthan.

Project 18: Revised Project of Chief Minister Information System (CMIS)(DoIT&C/ RISL)

The Committee was briefed about the project. Chief Minister Information System (CMIS) is an integrated web enabled information and decision- support system developed for the computerization of the core activities of the Office of Hon'ble Chief Minister (Rajasthan) with an objective to provide speedy and accurate information to Hon'ble Chief Minister and top level functionaries on anywhere- any time basis.

Financial Implication: Rs. 1086.14 lakhs

Project 19: Hiring of technical experts' services to work on Analytics Stack and OEM ATS of SAS stack(DoIT&C/ RISL)

The 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 various State Government Departments and various projects/areas for evidence-based decision making and increased tax compliances.

Financial Implication: Rs. 2548.00 Lakh.

Project 20: Extension of iHMS 1.0 for one (1) year and additional one (1) year.(Health Department)

The Committee was briefed about the project. Integrated Health Management System (IHMS) Project was started in 2017 under compliance of Hon'ble CM Budget announcement FY- 2017-18. It is a centralized unified web based solution that caters to all health services of Government Hospitals and generates Electronic Health Record (EHR) for patients across the State.

In compliance of the Hon'ble Chief Minister's Budget Announcement FY 2023-24, Design, development and implementation of new version (IHMS 2.0) of IHMS application is to be done with enhanced features, functionalities & capabilities. For IHMS 2.0, RFP preparation is under process.

Financial Implications: Rs. 1140.06 Lakh

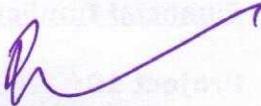
Conclusion:

After reviewing all above projects, the Apex Committee was of view that, the Standard Protocols/Guidelines should be issued by DoITC on common aspects of the projects instead of each project requiring SeMT approvals.

The State e-Governance Mission Team (SeMT) should identify such projects which have high impact in the State and such projects may be brought to Apex Committee for appraisal after analysis with respect to cost of the project.

Since the Committee only has an advisory role and is not the competent authority to sanction any project, the financial implication mentioned against each project will not be construed as having the financial approvals of this Committee.

Meeting then ended with thanks to the Chair.


(Inderjeet Singh)
Commissioner & Special
Secretary

Copy for information and necessary action to:

1. PS to Chief Secretary, Govt. of Rajasthan, Jaipur
2. PS to Addl. Chief Secretary, Medical & Health And Family Welfare Department, Jaipur
3. PS to Addl. Chief Secretary, Finance Department, Rajasthan, Jaipur
4. PS to Addl. Chief Secretary, Energy Department, Rajasthan, Jaipur
5. PS to Addl. Chief Secretary, Forest Department, Rajasthan Jaipur
6. PS to Addl. Chief Secretary, Transport Department, Rajasthan, Jaipur
7. PS to Principal Secretary, Tourism Department, Rajasthan, Jaipur
8. PS to Principal Secretary, Agriculture & Horticulture Department, Rajasthan, Jaipur
9. PS to Secretary, Planning Department, Rajasthan, Jaipur
10. PS to Secretary, School Education Department, Rajasthan, Jaipur
11. PS to Managing Director, Jaipur Vidhyut Vitran Nigam Ltd., Jaipur
12. PS to Secretary, Department of IT&C, Rajasthan, Jaipur
13. PS to Secretary, Cooperative Department, Rajasthan, Jaipur
14. PS to Secretary, Administrative Reforms Department, Rajasthan, Jaipur
15. PS to Registrar, Cooperative Department, Rajasthan, Jaipur
16. PS to Commissioner & Special Secretary, Department of IT&C, Rajasthan, Jaipur
17. PS to Commissioner, Agriculture Department, Rajasthan. Jaipur
18. PS to State Project Director, RCScE, School Education, Jaipur
19. PS to Managing Director, Rajasthan State Vidhyut Prasaran Nigam Ltd., Jaipur
20. Ps to Director, Tourism Department, Rajasthan, Jaipur
21. PS to Commissioner, Transport Department, Rajasthan, Jaipur
22. PS to Principal Chief Conservator Of Forests (Head Of Forest Force), Rajasthan, Jaipur
23. PS to DDG & SIO, NIC, Rajasthan, Jaipur
24. Sh. Anil Kumar Singh, Executive Director & Director Technical, RISL, Jaipur
25. Sh. Arun Chauhan, Technical Director, Department of IT&C, Jaipur
26. Sh. R. Vardarajan, Technical Director, Department of IT&C, Jaipur
27. Sh. Y.K. Jain, Technical Director, Department of IT&C, Jaipur
28. Sh. R.L. Solanki, Technical Director, Department of IT&C, Jaipur
29. Smt. Jyoti Luhadiya, Technical Director, Department of IT&C, Jaipur
30. Sh. Rajesh Kumar, Technical Director, Department of IT&C, Jaipur
31. Sh. Rajesh Bhatnagar, Additional Director, Department of IT&C, Jaipur
32. Director, Malviya Nation National Institute of Technology (MNIT), Jaipur
33. Director, Laxmi Niwas Mittal Institute of Information Technology (LNMIIT), Jaipur
34. Smt. Ritu Bhaskar, System Analyst (Joint Director), CMO, Rajasthan, Jaipur
35. OIC, Website, Department of IT&C, Jaipur


Commissioner & Special Secretary

Annexure-A

27th Meeting of State Level Apex Committee convened on 12-06-2024

List of Attendees

S. No.	Name of officer	Designation
1.	Shri Sudhansh Pant	Chief Secretary, Rajasthan, Jaipur
2.	Shri Alok	Addl. Chief Secretary, Energy Department, Rajasthan, Jaipur
3.	Smt. Sreya Guha	Addl. Chief Secretary, Transport Department, Raj., Jaipur
4.	Smt. Gayatri A. Rathore	Principal Secretary, Tourism Department, Rajasthan, Jaipur
5.	Shri Vaibhav Galriya	Principal Secretary, Agriculture & Horticulture Department, Rajasthan, Jaipur
6.	Shri Naveen Jain	Secretary, Planning Department, Rajasthan, Jaipur
7.	Shri Krishna Kunal	Secretary, School Education Department, Rajasthan, Jaipur
8.	Ms. Arti Dogra	Secretary, Department of IT&C/ Chairperson, SeMT
9.	Shri Naresh Kumar Thakral	Secretary, Finance (Expenditure) Department, Jaipur
10.	Shri Rajan Vishal	Secretary, Administrative Reforms Department, Rajasthan, Jaipur
11.	Smt. Archana Singh	Registrar, Cooperative Department, Rajasthan, Jaipur
12.	Dr. Jitendra Kumar Soni	Mission Director, National Health Mission, Jaipur
13.	Shri Inderjeet Singh	Commissioner & Special Secretary, Department of IT&C
14.	Shri Jitendra Kumar Verma	SIO, NIC, Rajasthan
15.	Shri Akhilesh Mittal	Technical Director, Department of IT&C
16.	Prof. Vineet Sahula	Dean, Digital Infrastructure & Services, MNIT, Jaipur
17.	Shri O.P. Jatawat	S.A. (Joint Director), Department of IT&C

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