DoIT.C
Department of Information Technology & Communication, Rajasthan

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

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Minutes of 112th meeting of SeMT dated 25-02-2026

The 112th meeting of the State e-Governance Mission Team (SeMT) was convened under the Chairmanship of Secretary, IT&C on 25th February, 2026 in Committee Room, 2nd Floor, IT Building, Yojana Bhawan Campus, C-Scheme, Jaipur. List of participants is enclosed at **Annexure -"A"**.

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

(Rs. in Lakh)

Sr. No.	Project Proposal Name	Department/ Organization	Estimated Cost	Page No.
1.	Development of GIS based Route Monitoring System	Transport Department	50.13	3
2.	Revision of Rajasthan Jan Aadhaar Yojana	Rajasthan Jan Aadhaar Authority/ Planning Department	29343.00	6
3.	Disaster Management Information System (DMIS) 2.0	Disaster Management, Relief & Civil Defence Department	475.00	10
4.	Implementation of RFID and Vehicle Tracking System (VTS) across Municipal Corporations of State to ensure efficient monitoring of solid waste management operations, enhance accountability, and improve service delivery.	Local Self Government Department (LSGD)	11897.00	16
5.	Extension of IT-PMU by hiring 4 additional resources for duration 01-02-2026 to 31-03-2026.	Rajasthan State Health Assurance Agency (RSHAA)	300.65	22
6.	Development of Online Module for Monitoring of Maintenance of Roads and Building under Jurisdiction of PWD Rajasthan	Public Works Dept. (PWD)	58.87	23
7.	Design & Development of RajDharaa 2.0 (2026-28)	Dept. of IT&C/ RISL	3480.00	25
8.	Development, Implementation and FMS of the various portals/ applications of CM Office and CM Residence under CMIS Project	Dept. of IT&C/ RISL	969.00	28
9.	Generalized Court Management System (GCMS) v2.0 for period from 2026 to 2029	Dept. of IT&C/ RISL	346.86	32
10.	IAS Transfer Posting Software (for 2 years i.e March 2026 to March 2028)	Dept. of IT&C/ RISL	346.86	36

Sr. No.	Project Proposal Name	Department/ Organization	Estimated Cost	Page No.
11.	Implementation of RajNET 2.0 under Budget Announcement No. 91 (FY 2025-26)	Dept. of IT&C/ RISL	43302.00	38
12.	A. Extension of FMS for existing RajSahkar Application B. Upgradation of RajSahkar Application in accordance with the requirements of Govt. of India	Cooperatives Societies	219.23	42

The following project proposals were discussed in the meeting:

1. **Project : Development of GIS based Route Monitoring System** (Transport Department)

Govt. of Rajasthan has taken multiple initiatives to digitally transform the departmental activities and various processes to make system efficient with the vision of reducing time, efforts, cost, enhancing the transparency in the departmental processes and improve service delivery to citizens. In continuation of these initiatives, the Transport Department, Government of Rajasthan (GoR), intends to develop a GIS-based Route Monitoring System.

This system aims GIS based visualization and analysis of transportation routes, facilitating real- time monitoring of government roadways and authorized vehicles. By mapping all routes and associated information onto a GIS platform, the department seeks to enhance operational efficiency and ensure compliance with route permissions. The system will employ a predefined color-coding scheme across the state, enabling stakeholders to easily identify and address instances of non-permitted buses operating on designated routes. Through this digital transformation, the Transport Department aims to empower decision-makers with data and insights, ultimately improving the management and planning of transportation networks.

Scope of Work:
The scope of work for the GIS-based Route Monitoring System is designed to align with the Transport Department's overarching goal of digital transformation. The project will involve the development of a comprehensive web application that integrates advanced GIS functionalities, including real-time vehicle movement, route visualization, and alert management for non-compliance. By leveraging analytics through interactive dashboards, the system will provide stakeholders with actionable insights to optimize route operations. Additionally, the customization of the RajDharaa survey mobile app (Ability to design the survey forms) will facilitate field data collection, ensuring that transport assets are effectively mapped and monitored. The project will also include a robust operation and maintenance phase to ensure the system's sustainability. Through these efforts, the Transport Department aims to enhance its ability to manage transportation networks efficiently, supporting its digital transformation initiatives and improving service delivery across Rajasthan.

Broad components of scope of work are as under:

1. Web Application Development-
GIS Web Application should be developed having visualization of various Transport layers, GIS Tools, Dashboard and Analytics modules. The broad features of the web application along the functionalities are as under:

1.1. Common GIS Functionalities:

a. **Visualization of Transport and Administrative Layers:** The application shall have functionality to visualize the user defined GIS layers, with the ability to toggle these layers on and off. The following layers, among others, may be incorporated into the web application:
   i. Road network
   ii. Administrative boundaries
   iii. Bus Stops/ Terminals
   iv. Other transport department geo-tagged assets

b. **Single Sign-On (SSO) Login:** SSO based login mechanism shall be implemented to streamline the unified user access across state.

c. **Navigation Tools:**
   i. Zoom (In & Out) – User can scroll up and down using the mouse to zoom-In and Zoom-Out on a map view
   ii. Pan – User can click and hold the mouse cursor and move up/down/left/right on the map area for specific area.
   iii. Full Extent – User can click on the full extent view to view default state map (Rajasthan Map)
   iv. Current Location – User can fetch his/her current location

d. **Basemap Integration:** The application shall have ability to showcase the standard RajDharaa basemap, which provides a foundational geographic context, along with an imagery basemap for detailed visual analysis. Facility for viewing other base-maps & imageries shall also be provided.

e. **Location Search:** Users will be able to search for a location using the 'Search Location' function, which operates on geocoding (converting addresses into geographic coordinates) and reverse geocoding (converting geographic coordinates into addresses) functionalities. This feature facilitates efficient location searches and navigation within the application. Upon selecting a result, the application will automatically zoom to the chosen location.

f. **Dataset Search:** Users will be able to search and filter datasets based on administrative boundaries such as District, Block, GP, or Village. This will enhance data accessibility and allow for targeted analysis.

g. **Measurement Tools:** Users shall be able to measure distance and area on the map in the desired format.

1.2. Route Creation/ Editing Module

a. **Route Drawing & Editing:** Users will have the capability to draw and modify routes directly on the map interface. This feature will support route planning, modification, and visualization, making it easier to manage transportation networks.

b. **Workflow based Approval Mechanism:** A workflow-based module will be developed to manage the route drawing and editing approval process. Initially, a three-level role-based workflow will be implemented to facilitate the creation/editing, review, and approval/rejection of route datasets. Additionally, a checklist will be integrated into the workflow to ensure that all necessary checks have been completed by the delegated SSO user. This will ensure that changes are reviewed and authorized by appropriate personnel.

c. **User Management:** A comprehensive user management system shall be implemented to assign access rights and permissions based on user roles. This will ensure that users have access to the features and functionalities relevant to their responsibilities. Following type of User roles shall be defined:
   i. Admin (Full access and can make department admins)
   ii. Department Admin (Provide/revoke access within the defined department)
   iii. Creator (Draw and edit the routes)
   iv. Reviewer (Review the created datasets and take actions of Approval & Rejection)
   v. Approver (Approve and Reject, Final approving authority)

vi. Viewer (View the application functionalities)

d. Log Management: A comprehensive history/log will be maintained for each workflow process, allowing users to view changes made to individual selected routes.

e. Allow to search bus routes based on various administrative levels: District, Block, Gram Panchayat (GP), or Village

f. Integration of Vahan APIs (as received from Transport Department) to display permits with specific routes, enabling the flagging of buses operating on incorrect routes.

2. Dashboard and Analytics-

a) Dashboard: An interactive dashboard shall be developed along with core web application to provide data driven insights to the user. These dashboards will help stakeholders make informed decisions by analyzing trends and forecasting future scenarios.

b) Reporting Module: Along with dashboard, a report module shall also be developed to view and download various defined reports in the standard formats such as spreadsheet and PDF. The specifics of the reports will be determined collaboratively based on user requirements, ensuring that the reports meet the needs of different stakeholders.

c) PDF Map Generation: This module shall allow users to download maps in the pre- defined templates of bus routes for different administrative regions. These maps will provide a tangible reference for stakeholders and support planning and decision-making processes.

d) Functionality to optimize route planning by identifying most/least operational routes and/or bus stops, facilitating the development/ extension of new routes

3. Live Vehicle Tracking & Alert Management-

a) The application will integrate APIs for Vehicle Location Tracking Devices (VLTD) to display the real-time location of moving vehicles. This feature will enable the monitoring of vehicle movements and ensure compliance with designated routes.

b) Click to view comprehensive bus details, including permit information

c) An alert management functionality will be developed to send notifications or alerts when buses operate on non-permitted routes or deviate from defined route boundaries. This feature will facilitate timely interventions and ensure compliance with route permissions.

4. Mobile App for Field Survey-

RajDharaa Survey mobile app shall be customized to facilitate the geo-tagged survey of the transport department assets. The app offers features as per following:

- Capture asset information
- Customized forms
- Easy user interface
- Facility to capture asset photo with location coordinates
- Integrated with the RajSSO

- Quick configurable

This customization will facilitate field data collection and ensure that asset information is accurately captured and integrated into the system.

Duration: One year

Stakeholders: RISL, Transport Dept., DoIT&C

Mode of Project Execution: Project Mode

Project Implementing Agency: RISL

Integration with State APIs: RajSSO, RajSewa Dwaar, RajDharaa

Financial Estimation:

Estimated cost of the project shall be as under:

Sr. No.	Category	Total Cost in Rs.
1.	Application Development	41,82,717.00
2.	Operation & Maintenance for period of 1 Year after Go-Live	5,97,862.00
3.	GST @18% on Point No. 2	1,07,615.00
A	Total (Incl. GST @18%)	48,88,194.00
B	RISL Charges	1,05,822.00
C	GST on RISL Charges @18%	19,048.00
D	**Total Project Cost**	**50,13,064.00**

Fund Management:

Expenditure for Application Development (Rs. 41,82,717/- without GST/ Service Charges) would be met from the funds provided by "GIS" Budget Head of DoIT&C and the remaining expenses of Rs. 8,31,346.00 would be managed by Transport Department, Rajasthan.

The Committee advised to reduce the timeline of Application Development for early implementation of the project.

The Committee accords technical approval on the project proposal having estimated cost of Rs. 50.13 Lakh.

2. Project : Revision of Rajasthan Jan Aadhaar Yojana (Rajasthan Jan Aadhaar Authority /Planning Department)

1. **Background:**

The Rajasthan Jan Aadhaar Scheme was launched on 18 December 2019 under Budget Announcement 2019–20 (Point No. 141). The scheme aims to deliver the benefits of all State Government schemes to residents in a transparent, efficient, and direct manner based on the principle of "One Number, One Identity."

To facilitate streamlined implementation, the Rajasthan Jan Aadhaar Authority Act, 2020 was enacted, establishing an independent authority—Rajasthan Jan Aadhaar Authority—responsible for overseeing registration of all resident families and issuance of the Jan Aadhaar card.

2. Key Activities under the Jan Aadhaar Scheme:

- Statewide registration of all families and residents.
- Development and maintenance of the Jan Aadhaar Resident Data Repository (JRDR).
- Operation of the Jan Aadhaar Portal and Mobile Application.
- Printing and distribution of Jan Aadhaar cards.
- Integration of State and Central Government DBT schemes with the Jan Aadhaar platform.
- Conduct of social audits every six months.
- Delivery of Direct and Non-Direct benefits.

3. Benefit Delivery Framework:

i) Direct Benefits

As per eligibility, direct benefits at the family level are transferred directly into the bank account of the head of household. Individual-level direct benefits are transferred directly to the bank account of the respective beneficiary.

ii) Non-Direct Benefits

As per eligibility, non-direct benefits for the family can be availed by any adult family member based on self-declaration (especially when the primary beneficiary is unavailable).

4. Integration with Departmental Systems:

The Jan Aadhaar platform is integrated with various departmental beneficiary schemes.
After integration:

- Scheme benefits are delivered using the Jan Aadhaar Family ID, and related scheme data is pushed to the Jan Aadhaar platform for reporting and analytics.

5. Current Coverage (as on 30.11.2025):

- Total Registered Families: 2.05 crore
- Total Registered Members: 7.94 crore

6. Planned Activities for the Coming Years:

6.1 Development of a New Jan Aadhaar Portal (2025–26)

1. A new portal developed by RajComp to meet future requirements of the scheme.
2. Support for the new system will be provided over the next five years.

6.2 Jan Aadhaar Card Printing and Distribution

Printing and distribution of Jan Aadhaar cards for all state residents as and when required.

6.3 Data Center and Infrastructure

Procurement, maintenance, up gradation, and licensing of hardware and system software for:

- Primary Data Center
- Disaster Recovery (DR) Center

The DR site will be a 100% replica of the production site. Technologies include Oracle Exadata and Oracle PCA.

6.4 Third-Party Integrations

Integration of the Jan Aadhaar application with:

- NPCI
- e-Sanchar
- UIDAI
- WhatsApp
- Other platforms as required

6.5 Enrolment through e-Mitra

Approximately 5 lakh enrolments per year will be undertaken through e-Mitra centers at approved service rates.

6.6 Project Management Unit (PMU) and OEM Resources

A PMU team will support smooth and transparent execution of the scheme, comprising:

- 2 OEM resources
- 5 consultants for RISL
- 2 consultants for Jan Aadhaar Authority

6.7 Dedicated State-Level Helpdesk

A 10-member helpdesk with PRI line will be established at the State Headquarters.

6.8 District Repository Sites

To ensure uninterrupted service delivery and data continuity during unforeseen events, dedicated district-level repository sites will be established.

6.9 Enhanced Grievance Redressal

Due to the expansion of the scheme and increasing number of grievances/queries, a centralized helpdesk unit will be set up within the Jan Aadhaar Authority office.

7. Procurement of IT Equipment for RJAA HQ, District and Block Statistics Offices:

To strengthen digital service delivery at the State, District, and Block levels, procurement of IT and biometric equipment is proposed.

Purpose

- Ensuring efficient, transparent, and timely service delivery
- Strengthening authentication and verification processes
- Supporting departments in digital record processing
- Enhancing reliability and continuity of administrative operations Procurement costs will be determined as per IT & Communication Department guidelines.

Items include:

- Medium-configuration desktop computers
- Multi-function printers (MFPs)
- Laptops
- UIDAI-compliant biometric fingerprint scanners

S.No.	Item Description	Qty.
1	Desktop Computer (Medium Level Configuration) along with MFP (Medium Level Configuration) for Jan Aadhaar Authority HQ	10
2	Desktop Computer (Medium Level Configuration) along with MFP (Medium Level Configuration for District Statistics Office (Total 41 District) - Two set for each District	82
3	Desktop Computer (Medium Level Configuration) along with MFP (Medium	368

S.No.	Item Description	Qty.
	Level Configuration for Block Statistics Office (Total 368 Blocks) - One set for each Block	
4	Laptop (Medium Level Configuration) for Jan Aadhaar Authority HQ	10
5	Laptop (Medium Level Configuration) for JD/DD, District Statistics Office (Total 41 District)	41
6	Biometric Fingerprint Scanner for District Statistics Office	41
7	Biometric Fingerprint Scanner for Block Statistics Office	368

8. Financial Summary:

(Rs. in Lakh)

Particular	2025 -26	2026 -27	2027 -28	2028 -29	2029 -30	Total
Software for Jan Aadhaar Application & Jan Aadhaar Resident Data Repository: Enrolment, Editing & Verification, Creation & Maintenance of Jan Aadhaar Resident Data Repository, Integration of DBT Schemes with Jan Aadhaar Platform, Reporting/Analytics, Mobile Application, Data Security	700	380	380	380	380	2,220.00
Jan Aadhaar Card Printing and Distribution Approximate 2 cr. card (Bulk Delivery upto State/ District/ Block office/ beneficiaries)	5000					5,000.00
Procurement/Maintenance/Up gradation/Licensing of Data Center Site Components (Hardware, System Software, Licences etc.) required under Rajasthan Jan Aadhaar Yojana (Data Center: Oracle Exa-data, Oracle PCA)	800	800	900	900	900	4,300.00
Procurement/Maintenance/Up gradation/Licensing of Disaster Recovery Site Components (Hardware, System Software, Licences etc.) required under Rajasthan Jan Aadhaar Yojana Disaster Recovery: Oracle Exa-data, Oracle PCA Note: DR site will be 100% of Production Site.	3,000	800	900	900	900	6,500.00
Third Party Integration with Jan Aadhaar Application (NPCI, e- Sanchar, UIDAI, WhatsApp etc.)	300	300	300	300	300	1,500.00
Third Party Audit of Jan Aadhaar Application	300	300	300	300	300	1,500.00
Enrolment (approx. 5 lakh enrolment per year) Under Jan Aadhaar Yojana through eMitra @27.14 per enrolment	150	150	150	150	150	750
PMU along with OEM Resources (2-OEM Resource, 5-Consultants for RISL & 2-Consultants for Jan Aadhaar Authority) with 10% Increment Per Year	680	748	825	910	1000	4,163.00
Computer set along with MFP, laptops, Biometric Single Fingerprint Scanner for State, District and Block Offices	700					700
Training/ Workshops/ stationery/ Vehicle/ Miscellaneous etc.	100	100	100	100	100	500
Dedicated helpdesk at state HQ comprising of 10 manpower along with PRI line	60	60	60	60	60	300
Contingency @ 2%	50	50	50	50	50	250

Sub Total	**27,683.00**
RISL Service Charge @6%	**1,660.00**
Total	**29,343.00**

9. Fund Management:
The total expenditure for the above activities will be made available to the Rajasthan Jan Aadhaar Authority through the Finance Department via B.F.C., credited to the Authority's PD account.

The Committee advised that:

1. **The Digital Personal Protection Data (DPDP) Act 2023 compliance should be ensured and,**
2. **Integration of help desk calls with RajSampark Helpline 181.**

The Committee accords post-facto technical approval for the duration of F.Y. 2025-26 and technical approval for the duration of F.Y. 2026-30 on the project proposal having overall estimated cost of Rs. 29343.00 Lakh.

3. Project : Disaster Management Information System (DMIS) 2.0 (Disaster Management, Relief & Civil Defence Department)

Executive Summary:
The Disaster Management, Relief & Civil Defense Department, Government of Rajasthan provides relief to the beneficiaries in case of disaster. DMRD has informed to design and develop a new Disaster Management Information System 2.0 (DMIS 2.0) Application integrated with Raj Khasra Girdawari Application for information exchange of approved damaged records through API integration.

The proposed integrated IT platform shall serve as an enabler for the stakeholders and the department users to process the disaster related services seamlessly using secured and simplified user interfaces. The platform with integrated mobile app shall serve as a "one-stop-solution" for disaster related services.

DMIS 2.0 shall be used to collect, validate and process the disaster related information and assist the stakeholders to ensure timely Direct Benefit Transfer (DBT) of assistance to the beneficiary's bank account (as per Jan Aadhaar Data Repository) and generate various summary, detailed and graphical reports would be helpful for better monitoring, management, planning and decision-making.

In order to implement the proposed solution a preliminary system study has been conducted to evaluate feasibility of the proposed IT solution. Also, the existing DMIS portal needs to be maintained to support its existing services without any interruption. The PPR serves as the roadmap for designing, development, testing, implementation, migration and maintenance of DMIS 2.0.

Disaster Management Information System (DMIS 2.0):

Project Background:
DMRD has requested to design and develop a new integrated application using latest technology stack for enhanced security, for integration with IFMS 3.0, Raj Khasra Girdawari and other systems, for enhanced processes on deduplication on other keys, for data analytics

and forecast data based on historic data, for reduction in paper-based processes, for minimum turnaround time and physical visits to deliver services etc.

The objective of the project as envisaged is to design, develop, implement, manage and maintain an integrated web-based software application and mobile application for DMRD which would be robust, secured, simple and user friendly to improve the overall administrative and operational efficiency and effectiveness of stakeholders. The solution will address limitations in the existing DMIS while introducing new functionalities to benefit stake holders, and departmental officials. The project will adopt a standardized software development methodology aligned with industry best practices to ensure seamless integration and long-term sustainability.

The following scope of work at the broad level:

1. Development of Application Software & Mobile Application
2. Data Migration and Master Data Management
3. System Integration and API Framework
4. Testing and Quality Assurance
5. Safe-to-Host Certification
6. Deployment and Configuration on Production Server
7. Go-Live of Application Software
8. Operation and Maintenance (O&M) with Facility Management Services (FMS) for a period of three (03) years from date of Go-Live.

Project Objective:

1. This project aims at developing DMIS 2.0 for DMRD, Government of Rajasthan to manage, maintain, update and disseminate information to stakeholders and users for decision-making at multiple levels.

2. To develop a DMIS that can provide accurate and timely information on hazards, vulnerability, and risk mapping, monitor, assess, forecast natural hazards. DMIS will be a Workflow / GIS based system which will encompass; a geo-database on disaster-prone areas, data analysis/modelling, networking, collaboration and cooperation amongst key agencies.

Expected Outcomes Benefits to the Stakeholders:

S. N.	Stakeholder	Outcomes/ Benefits
1.	Beneficiaries	• Online eligibility for Assistance • Better tracking, monitoring and communication mechanism • Real-time tracking of application. • Online transfer of financial assistance in an accelerated manner, directly into the bank account

2.	Disaster Management, Relief & Civil Defence Department	• Access to real time, accurate and consistent data/ information received from ground level staff. • Graphical as well as tabular Dashboard and MIS reports through centralized database. • Consolidated MIS reports clearly indicating towards overall seeding status of the district/state. • Preventive measures on the basis of early warning system • More effective and better way to reach out to the beneficiaries. • Application as decision support system. • Prevention of duplicate / multiple applications by the same beneficiary. • Online transfer of financial assistance amount directly into the account of the beneficiaries. • GIS based workflow for effective monitoring on ground
3.	Department of Revenue	• Seeding of beneficiaries' land details with the State Resident Data Hub • Reduced time, Integration with Raj Khasra Girdawari Application • Workflow based verification of the seeded information in the application software • Graphical as well as tabular Dashboard and MIS reports through centralized database. • Consolidated MIS reports clearly indicating towards overall seeding status of the district/state.

1. Proposed DMIS 2.0:

The DMIS system upgrade aims to leverage the latest web API technology and to enhance integration with systems like Jan Aadhaar, Aadhaar, Raj Khasra Girdawari, Raj Dharaa, IFMS, Raj Masters and other, ensuring seamless data exchange and improved system functionality, increase efficiency and effectiveness, improved reports and dashboard to assist better decision-making, increase coordination, minimize communication gap, improve governance.

2. Scope of the Project:

The scope of work of this project includes Design, Development, Testing and Deployment of application software for DBT assistance by the DMRD.

1. Web Based Application
2. Mobile Application

The entire application software shall be divided into three sections which are further sub-divided as below:

Relief Activities	Integration Services	Other Disaster modules
1. Agriculture Input Subsidy 2. Assistance for Cattle camp 3. Assistance for Clearance of affected areas 4. Assistance for	1. Raj SSO 2. Raj Masters 3. Jan Aadhaar/ Aadhaar 4. Raj Khasra Girdawari 5. Rajdharaa (GIS) 6. IFMS 7. e-Sanchar (SMS, Email) 8. Raj Sewa Dwaar	1. Emergency procurement 2. Inventory Management 3. Mock drill Management 4. Human resource management 5. Disaster Rescue Identification 6. Fund Management

Gratuitous Relief 5. Assistance for Infrastructure 6. Assistance to Damaged Houses 7. Relief Measure Assistance 8. Handicraft/ Handloom Assistance to Artisans 9. Assistance for Fishery	9. Raj e-Sign 10. Other	7. Mass Communication 8. Reports and Dashboard 9. Other

2.1. Application Software Development Phase & Migration-

A comprehensive Software Development Life Cycle (SDLC) will be followed, covering the following:

a. Development of Application Software and Mobile Application

- Language Support: Bilingual (Hindi and English).
- Audit Trail: Facility to maintain audit trails with traceability and version history.
- Integration: Integration with Jan Aadhaar, Aadhaar, Raj Khasra Girdawari, e-Sanchar, IFMS and other government systems.

b. Data Migration and Master Data Management

- Data Migration: Use of appropriate data migration techniques to integrate existing master data.
- Verification and Validation: Pre-migration and post-migration validation to identify and resolve discrepancies.

c. System Integration and API Framework

- Integration with external applications would include RajSSO, Jan Aadhaar, Aadhaar, Raj Master, Raj Khasra Girdawari, Raj e-Sign, e-Sanchar, IFMS, Rajasthan Payment Portal, Raj Dharaa, Raj Sewa Dwaar and other applications.

d. Testing and Quality Assurance

- Test Plan: Design and submission of test strategy, test plan, and test cases.
- UAT (User Acceptance Testing): Assistance in UAT and resolution of issues/ bugs until final approval from RISL/ DMRD.

e. Safe-to-Host Certification

- Security Compliance: The Safe-to-Host certification will be carried out as per SDC norms, standards and policies.

f. Deployment and Configuration on Production Server

- Server Deployment: Deployment on the production server at RSDC with adherence to RSDC procedures.
- Go-Live: Application to be considered Go-Live after Safe-to Host certification and successful deployment.

g. Operation & Maintenance (O&M) with Facility Management Services (FMS)

- Bug fixing, database management, and application changes. Handholding

support to users during and beyond office hours in exceptional circumstances.
- Submission of quarterly reports.

2.2. Dashboard & Analytics-

DMIS 2.0 should be able to perform data analytics and generate data visualization, dynamic dashboards & KPIs for the stakeholders to assist them in better monitoring, management, planning and decision-making etc.

- Dashboard Development: Interactive dashboards, analytical reports, graphical reports and reports using maps for administrators, stake-holders and end-users.
- Data Visualization: Customizable reports, data analysis, predictive analysis, KPIs (Key Performance Indicators) for administrators, stake-holders and end-users.

2.3. Mobile Application Development-

- Platform: Android
- Core Functionalities: Role-based mobile application for users and department officials, Registration, Track Application Status, Check Assistance Amount & Details, Alerts & Notifications, Real-Time Monitoring Reports and Dashboards, Search facility etc.

3. <u>Project Timelines</u>:

The entire project duration is of 45 months which include 09 months of development of web and mobile application including analytical dashboard/ reports and training to concern stakeholders. It includes 36 months of O&M phase also.

The project is structured into the following phases.

1. Application Development (Web and Mobile App)
2. UAT
3. Data Migration from DMIS 1.0
4. Deployment and Go- Live of DMIS 2.0
5. Operational & Maintenance (O&M) FMS

4. <u>Justification for migrating to Java/.NET frameworks from current Axpert platform, which include:</u>

1. **Performance and Stability**: The current Axpert-9.6 platform faces repeated technical disruptions, while Java/.NET frameworks offer robust session management, optimized concurrency handling, and scalability under heavy workloads.

2. **Security and Compliance**: Axpert has weak authentication and recurring vulnerabilities, whereas Java/.NET provides enterprise-grade security features like Role-Based Access Control (RBAC), strong encryption, and compliance with national cyber-security guidelines.

3. **System Age**: The current platform is 8 years old, outdated, and receives limited vendor updates. Migration reduces technical debt and prepares the system for future requirements.

4. **Future-Proof Technology**: Axpert's low-code limitations restrict customization, while Java/.NET are globally adopted technologies with large developer communities, ensuring long-term support and integration with modern tools like APIs, cloud platforms, and AI.

5. **Integration and Interoperability**: Java/.NET integrates seamlessly with Oracle/SQL Server databases, REST/SOAP services, and cloud platforms (Azure, AWS, NIC Cloud), ensuring smooth interoperability with e-Governance systems.

6. **Maintenance and Skilled Workforce**: Axpert requires specialized knowledge, limiting resource availability, while Java/.NET benefits from a vast talent pool, standardized coding practices, and easier maintenance.

7. **User Experience**: Current DMIS users face slow response times and frequent disruptions, whereas Java/.NET frameworks enable modern UI/UX design, responsive layouts, and faster performance, improving user satisfaction.

8. **Cost Efficiency**: Migration requires initial investment but reduces downtime, avoids proprietary license costs, and provides greater customization control, resulting in long-term savings and operational efficiency.

The migration to Java/.NET-based DMIS 2.0 is described as a strategic move to ensure resilient performance, cyber-security compliance, future readiness, improved user experience, and long-term cost efficiency and sustainability.

5. Financial estimates:

Development, Migration & O&M of DMIS 2.0

(Rs. in Crore)

S. No.	Description of activity	EXPENDITURE ON EACH ACTIVITY (Development + Migration + O&M) IN INR CRORES Round Off (Inc. GST)					Overall Cost in Round Off (Inc. GST)
		Capex – Development Phase + Migration (09 months)		Opex – O&M Phase (36 months)			
		2025-26	2026-27	2026-27	2027-28	2028-29	
Development, Migration & O&M of DMIS 2.0 Portal & Mobile Apps, Training & Capacity Building							
1	Development of Core IT Applications- As per Scope of work + Migration Activity	1.75		-	-	-	1.75
2	O&M of DMIS 2.0	0		0.94	0.94	0.69	2.57
Grand Total - Development & O&M		**1.75**		**0.94**	**0.94**	**0.69**	**4.32**
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.						0.09
4	**Total Cost (Grand Total+ 2% contingency)**						4.41
5	RISL Approved Service Charges Note:-						0.29

	a) up to 25 Lakh - 10% b) Greater than 25 Lakh and less than 1 Crore - 8% c) Greater than 1 Crore - 6 %	
6	GST on RISL Service Charges (@18% on Sr. No.5)	0.05
7	**Grand Total Year-Wise Cost in INR including RISL Service Charges & GST**	**4.75**

Fund Management:
Expenditure would be met from the funds available with the Department.

The Committee accords technical approval on the project proposal having estimated cost of Rs. 475.00 Lakh.

4. Project : Implementation of RFID and Vehicle Tracking System (VTS) across Municipal Corporations of State to ensure efficient monitoring of solid waste management operations, enhance accountability, and improve service delivery (Local Self Government Department (LSGD))

The work regarding the "Implementation of RFID and Vehicle Tracking System (VTS) across Municipal Corporations & Council of State to ensure efficient monitoring of solid waste management operations, enhance accountability, and improve service delivery" has been included under State Budget Announcement 2024-25 (Budget Para 22 (III)).

Earlier the project proposal was discussed in the 109th meeting of SeMT dated 17-09-2025, and the Committee directed to revise the estimate by incorporating the comments and observations suggested during the meeting and to resubmit the proposal accordingly.

Further, it is submitted that a comprehensive proposal encompassing both technical and commercial aspects has been prepared and submitted by WAPCOS Limited, GoI Public Sector Undertakings (PSUs) vide their Letter No. 773 dated 22.12.2025. The proposal has been duly considered while revising the estimate in line with the directions of the SeMT.

Brief Scope of Work:

- RFID/QR code-based household tagging and vehicle authentication, including supply of tags and associated hardware.
- GPS-based Vehicle Tracking System (VTS) for monitoring waste collection and transportation routes in real time.
- Design and deployment of State-level and ULB-level Command & Control (C&CC) software.
- Establishment of Command Centres at Nagar Nigams and Nagar Parishads, including required IT and non-IT infrastructure.
- Development of a citizen mobile application integrated with grievance redressal mechanisms and payment gateway.
- Creation of a centralized analytics platform and dashboard system for performance monitoring, reporting, and decision support.
- Deployment of a cloud-based solution ensuring scalability, data security, and interoperability.
- Comprehensive Operations & Maintenance (O&M) support for a period of three years, including system upkeep, performance monitoring, and technical support.

- Provision of technical suggestions and feedback on functional specifications, software architecture, and hardware configurations in line with prevailing market standards and best practices.
- Recommendations on modular system design, scalability, and interoperability frameworks service-level KPIs, reporting formats, and cybersecurity safeguards.
- Installation of GPS devices on collection vehicles for real-time route tracking, adherence monitoring, ETA calculation, and optimization of collection and transportation operations.
- Deployment of manpower for Annual Maintenance Contracts (AMC) and maintenance of hardware for 3 years

Financial Implication:

Table 1: Specifications and Cost Estimate for Nagar Nigam

(Amount in Rs.)

S. No.	Item Description	UOM	Qty.	Unit Price	Total Price
A	**Command & Control Center: State ICCC for SWM**				
1	Supply of Video Wall Display (10*3 Matrix) of 55" LED with accessories/controller	EA	1	2,97,00,000	2,97,00,000
2	Supply of Desktop Computers along with OS and Antiviruses	EA	5	1,32,000	6,60,000
3	Supply of Modular Workstation with Chairs	EA	5	60,500	3,02,500
4	Supply Installation and commissioning of 50 KVA online UPS (3 hr backup)	EA	1	28,60,000	28,60,000
5	28 Port managed switch	EA	2	7,15,000	14,30,000
6	Passive cabling (Ethernet, OFC, HDMI, etc.) and related accessories	Lot	1	17,60,000	17,60,000
7	Installation of Physical C&CC (CCTV, Access control, Rodent repellent)	LS	1	44,00,000	44,00,000
8	Civil Work (renovation of State Command center) for 3000 SFT	Per Sft	3000	2,200	66,00,000
B	**Cloud Cost**	Year	3	1,30,00,000	3,90,00,000
C	**SWM Solution Centralized Part**				
1	ICT Based SWM Solution and Dispatch management per Nagar Nigam (Development of web Application and dashboard for Hopper (Vehicle) tracking	EA	10	6,97,108	69,71,077
2	Fleet Management Solution per Vehicle	EA	10	2,50,000	25,00,000
3	AI driven House linkage with payment collection server application	EA	1	84,96,000	84,96,000
4	Payment gateway deployment	EA	1	22,65,600	22,65,600
5	Integration with Electricity and Municipal Data for getting House unique ID and owners contact number. Integration with State ICCC for SWM,	EA	1	45,31,200	45,31,200

	Mobile Application (Android & IOS), QR Placer Application.)				
6	Citizen Mobile App	EA	1	67,96,800	67,96,800
7	Integrated Operations Center for Waste management - Software for State	EA	1	1,83,29,384	1,83,29,384
8	Integrated Operations Center for Waste management Software for Nigam	EA	10	11,60,000	1,16,00,000
9	Central workshop module (Vehicle maintenance and fuel monitoring Software for Nigam)	EA	10	5,76,000	57,60,000
10	Central Helpdesk Hardware and Software 10 seater - Contact center & Grievance management Software for Nigam	EA	1	1,00,00,000	1,00,00,000
11	Video Management system Software	EA	1	50,00,000	50,00,000
12	Image Analytics - Computer vision	EA	1	45,00,000	45,00,000
13	GIS - Effective waste management	EA	10	9,60,000	96,00,000
14	SWM Insight - Data Warehouse & Advanced analytics	EA	10	9,60,000	96,00,000
15	Implementation charges	EA	1	5,36,84,614	5,36,84,614
16	Software AMC	Annum	3	89,26,726	2,67,80,178
D	**SWM Solution Location Base**				
1	Supply of Video Wall Display (2*2 Matrix) of 55" LED with all required accessories and controller. Applicable for top 13 Nigams	EA	10	33,00,000	3,30,00,000
2	Setting up of Mini Command center (500 SFT for 10 Nigams)	EA	5000	2,000	1,00,00,000
3	Supply of Desktop Computers along with the Os, Antiviruses considering 2 persons to monitor at each control centre	EA	20	1,32,000	26,40,000
4	Supply of Modular Workstation with Chairs for 2 persons at each control centre	EA	20	60,500	12,10,000
5	Supply Installation and commissioning of GPS Tracking devices for Hopper (Vehicle) (Approx numbers taken here, where as actual cost to Nigam/ Palikas will be as per their quantity)	EA	1000	7,150	71,50,000
6	Supply Installation and commissioning of RFID Tag for Hopper (Vehicle) (Approx numbers taken here, where as actual cost to Nigam/ Palikas will be as per their quantity)	EA	1000	275	2,75,000
7	Supply Installation and commissioning of RFID Reader for 5 Weigh Bridge Station	EA	5	1,37,500	6,87,500
8	Weighment record generation automation system application &	EA	5	16,50,000	82,50,000

	Commissioning (upto 15MT)				
9	CCTV camera at each location	EA	10	22,000	2,20,000
10	Installation Commissioning with Pole, Cables etc. at each location	EA	10	60,746	6,07,464
11	Gotagging activity at each location with house hold survey (Approx count taken which shall be used only in the case if initial technology based tagging does not provide proper reading, presently 10% of total households are considered under this category. This may increase or decrease as the case may be)with household survey (10% estimate)	EA	1,00,000	165	1,65,00,000
12	Project Manager - General Shift - 01 no.	MM	36	2,20,896	79,52,256
13	Solution Architect	MM	36	2,00,000	72,00,000
14	SWM Expert	MM	36	2,00,000	72,00,000
15	ICCC Expert	MM	36	2,00,000	72,00,000
16	Network Engineer	MM	36	1,50,000	54,00,000
17	Senior Developer	MM	36	1,60,000	57,60,000
18	Mobile App Developer	MM	36	1,60,000	57,60,000
19	IT Administration person - General shift 1 No.	MM	36	1,84,080	66,26,880
20	Field Engineer General shift - 1 number each at major Nigams	MM	360	35,000	1,26,00,000
21	10 MB leased line connectivity with redundancy (so total 20 MB) at State Control room for 3 years	MM	36	55,000	19,80,000
22	Broadband Connectivity at 10 State Control Station	Month	468	13,200	61,77,600
23	Broadband Connectivity with 5 Weigh Bridge Station	Month	180	13,200	23,76,000
24	IOT (M2M) Multi Operator SIM for GPS for 36 months	EA	1000	4,316	43,16,400
25	AMC for hardware items for 3 years	Annum	3	80,50,000	2,41,50,000
26	QR Code for Garbage collection with installation	No	22,00,000	60	13,16,70,000
	Total Cost for Nagar Nigam				**59,00,36,453**

Table 2: Specifications and Cost Estimate for Nagar Parishad

S. No.	Item Description	UOM	Qty	Unit Price (Rs.)	Total Price (Rs.)
A	**SWM Solution Parishad Part**				
1	ICT Based SWM Solution and Dispatch management per Parishad Development of Web Application and dashboard for Hopper (Vehicle) tracking	EA	47	6,97,108	3,27,64,062
2	Fleet Management Software Solution per Vehicle	EA	47	1,38,823	65,24,684

3	Integrated Operations Center Software for Parishad	EA	47	11,60,000	5,45,20,000
4	Central workshop module-Vehicle maintenance and fuel monitoring for Parishad	EA	47	5,76,000	2,70,72,000
5	GIS Software - Effective waste management for Parishad	EA	47	9,60,000	4,51,20,000
6	SWM Insight - Data Warehouse & Advanced analytics for Parishad	EA	47	9,60,000	4,51,20,000
7	Software AMC	Annum	3	2,71,62,240	8,14,86,720
8	AI driven House linkage with payment collection server application	EA	1	21,24,000	21,24,000
9	Payment gateway deployment	EA	1	5,66,400	5,66,400
10	Integration with Electricity and Municipal Data for getting House unique ID and owners contact number & Integration with State ICCC for SWM, Mobile Application (Android & IOS), QR Placer Application.)	EA	1	11,32,800	11,32,800
11	Citizen Mobile App	EA	1	16,99,200	16,99,200
	SWM Solution Location Base				
1	Supply of 55" LED TV with all required accessories for Parishad	EA	47	1,10,000	51,70,000
2	Setting up of Mini Command center 300 SFT	EA	14100	2,200	3,10,20,000
3	Supply of Desktop Computers along with Os, Antiviruses considering 1 persons to mointor at each control center	EA	47	1,32,000	62,04,000
4	Supply of Modular Workstation with Chairs for 1 person at each location)	EA	47	60,500	28,43,500
5	Supply installation and commissioning of GPS Tracking devices for Hopper (Vehicle) (Approx numbers taken here, where as actual cost to Nigam/ Palikas will be as per their quantity)	EA	600	7,150	42,90,000
6	Supply Installation and commissioning of RFID Tag for Hopper (Vehicle) (Approx numbers taken here, where as actual cost to Nigam/ Palikas will be as per their quantity)	EA	600	275	1,65,000
9	CCTV camera at each location	EA	10	22,000	2,20,000
10	Installation Commissioning with Pole, Cables etc. at each location	EA	10	60,746	6,07,464

11	Gotagging activity at each location with house hold survey (Approx count taken which shall be used only in the case if initial technology based tagging does not provide proper reading, presently 10% of total households are considered under this category. This may increase or decrease as the case may be)	EA	1,50,000	165	2,47,50,000
12	Field Engineer- General Shift- 1 number each at Parishads, means total 47)	MM	1,692	35,000	5,92,20,000
13	Broadband Connectivity at 47 Control Stations	Month	1,692	13,200	2,23,34,400
14	Broadband Connectivity with 5 Weigh Bridge Stations	Month	180	13,200	23,76,000
15	IOT (M2M) Multi Operator SIM for GPS for 36 months	EA	600	4,316	25,89,840
16	AMC for hardware items (3 years)	Annum	3	1,44,00,000	4,32,00,000
17	Other General Maintenance in terms of Overall solution upkeep for the period of 3 years	LS	3	82,76,461	2,48,29,384
18	QR Code for Garbage collection	No	12,00,000	60	7,18,20,000
	Total Cost for Nagar Parishad				**59,97,69,454**

Overall Financial Implication:

Description	Estimated cost (Rs. in Crore)
To make the system from waste collection and transportation to disposal more effective, IT technologies such as Vehicle Tracking System and Radio Frequency Identification Device (RFID)/ QR code-based will be utilized. (All Municipal Corporation) BA year 2024-25	59.97
Vehicle Tracking Systems and RFID/ QR code-based on door-to-door waste collection vehicles in all 47 Municipal Councils (less de-notified Councils) of the State and to establish Command Control Centres, which will be integrated with the State-level Command Centre. BA year 2025-26	59.00
Total	**118.97**

Fund Management:

Expenditure would be met from the funds available with Local Self Government Department.

The Committee deferred the project with direction to get it re-examined by the Technical Committee of Dept. of IT&C.

5. Project : Extension of IT-PMU by hiring 4 additional resources for duration 01-02-2026 to 31-03-2026 (Rajasthan State Health Assurance Agency (RSHAA))

- RSHAA has successfully deployed IT-PMU Team for maintenance and support of State TMS, HEM, Ticket software, Hospital dashboard, custom reports, ABDM compliances-M1 and IT related operations.
- Given the evolving requirements, the existing systems necessitates modification of existing API integrations, new module developments, scheduled maintenance, migrations, and server health monitoring.
- The existing IT Platform was developed in 2015 using Java 7, jQuery 1.3, and Oracle 11, and is based on a monolithic architecture. This technology stack is now outdated and lacks the scalability and flexibility needed to support upcoming requirements.
- It was required to strengthen IT-PMU by adding resources of required skill set. To handle extended scope, RHSAA acquired 07 resources through NICSI for development of a new TMS.
- Finance Department had acceded its approval wide ID No. 152501028 Date 05.05.2025.
- To complete the development of new TMS 2.0 within the proposed timeline, it is required to strengthen IT-PMU by adding 04 additional resources of required skill set for two months. To handle extended scope, RHSAA proposes extension of IT-PMU for new TMS by acquiring 04 additional resources.
- Finance Department has acceded its approval wide ID No. 152503081 Date 01.01.2026.
- Consequently, RSHAA's IT division has proposed the engagement of 04 additional expert Manpower services (as mentioned below in table) to fulfill these specific requirements.
- Also, following new IT related activities are in backlog, that need to be concluded in time bound manner-
  - NHCX Compliance
  - IHMS Integration
  - Bulk data related exercises related to e-KYC/Card Printing
  - API integration with NHA & NHCX systems.
  - Outbound portability related integrations with NHA systems.
  - Hospital master api integration with NIA
  - This system will focus on process optimization, efficiency, and incorporate built-in triggers for fraud prevention and detection using AI/ML technologies.

- Proposes incremental approach for New TMS, and as proposed to leverage New TMS of RSHAA having below 10 core modules
  - Beneficiary Identification
  - Preauthorization
  - Admission
  - Discharge & Claim submission
  - Fraud Detection
  - Claim Analyzer
  - Claim Supervisor
  - Case Status Tracker
  - MIS/Report Module
  - Review and Appeal

- Services for proposed manpower in IT-PMU shall be hired as per RTPP Rules 2013, after approval of SeMT, Government of Rajasthan.

Financial Implication:
The Estimated expenditure for above project is approx. Rs. 30 Lakh (for 2 Months)

(Amount in Rs.)

S. N.	Profile	Experience	No. of Resources	NICSI Person Month Rate (Exclusive of taxes)	Estimated Total Cost for 01.02.2026 to 31.03.2026
1	Technology Profile	Consultant with experience of 3-6 Yrs.	04	3,11,351.96	24,90,815.68
		Total	04		24,90,815.68
				Add (GST @ 18%)	4,48,346.82
		Total (for 01.02.2026 to 31.03.2026 expenditure inclusive all taxes)			**29,39,163.00**

Fund Management:
Expenditure would be met from the funds available with Rajasthan State Health Assurance Agency (RSHAA).

Earlier the project proposal of "Hiring of 07 Expert Manpower for IT-PMU Services from 15 May 2025 to 31 March 2026 having estimated cost of 271.26 Lakh was technically approved in 106th meeting of SeMT dated 26-05-2025". Now RSHAA wants to extend the IT-PMU by hiring 04 additional manpower resource costing to Rs. 29.39 Lakh for two months (i.e. from 01-02-2026 to 31-03-2026)

The Committee accords technical approval on the project proposal having estimated cost of Rs. 300.65 Lakh (Rs. 271.26 Lakh + Rs. 29.39 Lakh).

6. Project : Development of Online Module for Monitoring of Maintenance of Roads and Building under Jurisdiction of PWD Rajasthan (PWD Department)

- This software is an online module developed for monitoring the maintenance of roads and buildings under the jurisdiction of PWD Rajasthan.
- The mentioned application is State Government initiative.
- The project was developed as a web application and mobile application.
- Monitoring of Inspections by PWD officials for DLP / Non-DLP Roads and buildings, followed by compliance action and submission of replies by the agency/concerned officer along with site photographs.
- Citizens may lodge complaints regarding roads through application. Occupants of Government quarters/ Government offices may also submit complaints through this application, which shall be resolved by the concerned officers.
- Technical approval has already been accorded by Principal Secretary, IT&C on the project proposal of "Development of Online System for Building and Road Construction" (having estimated cost of Rs. 40.00 Lakh + GST) vide File Id 41/DOIT/PA dt 23.11.2021
- Expenditure occurred upto date –Rs 34,14,750.00. Agreement amount Rs 47.10 Lacs likely to be utilized by March 2026.

Duration:

- Initial timeline of projects was 2-years & 90 days
- Time extension till 31.03.2026 was accorded by Competent authority without any financial implication to PWD

Scope of Work (SoW):

Brief scope of work is as follows:-

1. Application for citizen services related to grievance.
2. Application for maintaining Road and Building assets data.
3. Application for Inspection data.
4. Workflow management.
5. Integration with sso.
6. Notification for inspection/ grievance system.

Activities Delivered: -

- Collection of Data from PWD Rajasthan
- Customization, Configuration and Deployment System
- Training
- Maintenance Support

Stakeholders:

Public Works department, Rajasthan

Mode of project execution:

Mode of the project execution was as Open Tender (RFP).

Project Implementing Agency:

- Name of the implementing agency is M/s Calibre websol Pvt Ltd (RFP based selection) for contract price of Rs 47.10 lakh.
- Application has already launched on State Data Centre.

Integration with State APIs:

The list of State Government Applications/ portals are as follows (Whichever applicable under e-Governance Project):

Application/ Portals	Purpose of Integration
RajSSO	SSO Already enabled
RajSewa Dwaar	Required like PMGATISHAKTI, SAMPARK Portal etc.
e-Sanchar	SMS gateway enabled
RajMail	E-Mail gateway enabled
RajDharaa	Required. Rajasthan state's GIS platform for mapping/ dashboards
RajMaster	Required. Source of administrative boundaries
IFMS	Required with IFMS
Dept. Web	Required, like RAMS etc.

Financial Implication/ Estimated Project Cost:

- Estimated cost of Rs. 40.00 Lakh + GST i.e. Rs 47.20 Lakh.
- Additional Financial Implications for Maintenance support of the existing online application for 01.04.26 to 31.03.27 (1 year) period is Rs 11.77 Lakh (Total revised cost be Rs 58.87 Lakh including all taxes)

Fund Management:
The project is being executed from 1% of Quality Control Budget head provision of Public Works Department (PWD) works.

The Committee accords technical approval on the project proposal having revised estimated cost of Rs. 58.87 Lakh including all taxes (Rs. 47.10 Lakh + Rs. 11.77 Lakh).

7. Project : Design & Development of RajDharaa 2.0 (2026-28) (Dept. of IT&C/ RISL)

The project proposal is approved on file by Commissioner & Special Secretary, IT&C for consideration of SeMT.

1. Project Background:
A budget announcement has been made for FY 2025-26 for establishment of RajDharaa 2.0 by combining remote sensing and GIS platform with artificial intelligence technology as under:

> "प्रदेश में संसाधनों के समुचित उपयोग एवं आधारभूत संरचना पर व्यय में बचत के उद्देश्य से remote sensing एवं GIS प्लैटफ़ार्म को Artificial Intelligence से जोड़ते हुए 35 करोड़ (पैंतीस करोड़) रुपये का प्रावधान कर '**राजधरा 2.0**' स्थापित किए जाने की मैं, घोषणा करती हूँ।"

In the compliance of budget announcement, Artificial Intelligence leveraged RajDharaa 2.0 is to be deployed as a cutting-edge Remote Sensing & Geographic Information System (GIS) ecosystem aiming to redefine the usage of geographic data for effective decision making, efficient governance and public service delivery in the state. In the line of the same, budget has been approved for Rs.35.00 Cr.

RajDharaa ecosystem comprises various platforms for GIS data processing, publishing, image data analysis, 3D data processing & development of use-cases and automated building plan drawing scrutiny based on defined building by-laws. Along with, 300+layers, state wide satellite imageries and various imageries acquired/ obtained for/from multiple departments are published on the RajDharaa and catering 45+ applications of various departments.

2. Broad Objective:
RajDharaa 2.0 envisages an advanced AI-powered GeoSpatial system with latest technologies & tools that will empower government departments / agencies to make informed, data-driven decisions, promoting sustainable development and enhancing public services. RajDharaa 2.0 also intends to optimize on-ground infrastructure development by various agencies by performing efficient geospatial data analysis, thus reducing costs.

3. Components of RajDharaa 2.0:
To cater the designing & development of RajDharaa 2.0 as approved by the finance department, following activities to be performed:

I. Administrative Unit Setup

a) Setup a GIS Technical Committee to recommend on data standardization guidelines, unification of RajDharaa layers, data sharing across and agencies, selecting platforms, software, and AI tools, as well as other technical matters related to RajDharaa 2.0 initiative.

b) Formulate a Development & Operations Unit to develop & maintain advanced & regular technology implementation.

II. Software/ Hardware Infrastructure Setup

a) Upgradation of existing platforms to cater with seamless integration and operations with the new AI software and enhanced computing capabilities.

b) Procurement of additional software/ tools/ AI models to manage large volumes of GIS and remote sensing data along with analytical business operations

c) Enable Departments, Agencies and Educational Institutions to utilize RajDharaa layers, map services and hosting platform for developing GIS based projects

d) Implement GPU Servers at RSDC to enable utilizing AI-based data processing techniques to perform complex geospatial analysis

e) Establish a dedicated GeoSpatial Lab to also enable users from other departments/ agencies/ educational institutions to perform data processing and advanced analysis.

III. Data Repository

Enhance comprehensive data repository with emphasis on standardization, collection, validation, storage, updation of existing datasets and procurement/ Obtain of high resolution satellite imageries.

IV. Applications & Use-Cases

On the above-mentioned pillars, various use-cases shall be developed, including leveraging advanced technologies. The portal will support diverse applications, including urban planning and infrastructure management. Although, Use cases selection & development shall be a continuous process, however, following may be some of the use cases and amended / changed during the execution phase based on evolving priorities or specific requests from the user department:

1. Infrastructure planning & Monitoring
   - GIS mapping and monitoring of all urban development works including roads, buildings, sewerage, water pipelines, electricity, telecom and underground utilities as well
   - New infrastructure planning and impact assessment
   - AI-ML based traffic prone areas assessment and suggestions for new routes/ infrastructure development such route diversion, underpass, flyover, etc

2. Satellite imagery based crop identification and yield estimation
   - AI-ML based crop identification to validate crop information provided by the farmer

3. Drainage/ Sewerage network planning
   - Plan drainage / sewerage network with the help of high precision terrain model
   - Analyse water logging areas and take preventive actions
   - Asses existing network and work towards improvement of same to mitigate urban flood/ water logging scenarios

4. Master Plan Preparation (Urban / Village)
   - Prepare precision and accurate master and zonal development plan
   - Monitoring of city development w.r.t envisioned master plan

5. Urban Spread Analysis & Development Suggestions
   - Apply supervised classification on multi-temporal satellite imagery to map urban expansion.

- Overlay with master plans, infrastructure availability, and land suitability models to suggest optimal development zones.

6. 3D based Tax Collection Data Analysis
   - Fuse 3D building models (from LiDAR or photogrammetry) with property tax records to detect under-assessed structures.
   - Identify discrepancies in built-up area vs. declared area for tax evasion detection.

7. Solar Potential analysis and usage
   - Leverage LiDAR data, rooftop segmentation, and solar irradiance modelling to evaluate the solar energy potential of urban buildings.

8. Road deformations extraction
   - Leverage advanced remote sensing techniques and high-resolution imagery to detect road subsidence, rutting patterns, and surface-level cracks for proactive infrastructure maintenance and planning.

9. Urban vegetation monitoring
   - Monitor and evaluate changes in vegetation
   - Analyse health of the vegetation, growth or decrease in the green areas

10. Surface Water analysis
    - Asses Surface water to plan ecological zones and improve green environment for sustainable city growth
    - Analyse water spread area, catchment area and water quality etc. to take corrective measures and amend the policies

V. Capacity Building

Training programs will be conducted for government staff and stakeholders to ensure effective use of the portal. These programs will include workshops and/ or offline/ online courses to build technical skills and knowledge.

4. Duration of the Project & Implementation Approach:

Period of the project is proposed to be for Two (2) financial years 2026-2028 and shall be implemented in three phases as mentioned below:

Phase - 1

I. Establishment of Administrative Structure
II. Requirements finalization of Hardware & system software, including AI tools, imagery / base map and AI enabled Use Cases

Phase - 2

I. Procurement of system software, including AI tools and GIS Lab establishment
II. Capacity building by providing trainings, workshops etc.
III. Initiate development of Use Cases

Phase - 3

I. Establish AI Enabled Use Cases / Citizen centric services/ applications/infra
II. Capacity building by providing trainings, workshops etc.

5. Implementing Agency:

RISL has been the implementing agency for 'GIS 2022-27' project (approved in 93rd SeMT). Hence, in order to ensure consistency and better coordination, RISL is proposed to be the implementing agency for the design, development and deployment of the RajDharaa 2.0 project.

6. Budgetary Estimates (Amount in Rs.):

S.N.	Component	Qty.	Unit	Rate	Total Cost	Remarks
1	Stereo Fresh Imagery (30cm)	10000	SqKM	6,000	6,00,00,000	Divisional HQs
2	Data Processing & Deliverables generation	10000	SqKM	7,400	7,40,00,000	
3	Mono Fresh Imagery (50 cm)	12000	SqKM	2,500	3,00,00,000	District HQs + ULBs (Excluding Div. HQs)
4	Data Processing & Deliverables generation	12000	SqKM	7,000	8,40,00,000	
5	Drone Survey & processing	500	SqKM	50,000	2,50,00,000	
6	Center of GeoSpatial Excellence including establishment of high-end lab		Lumpsum		3,00,00,000	
7	GeoAI-Use-case development		Lumpsum		4,50,00,000	
Total Cost						**34,80,00,000**

*High-resolution stereo satellite imagery for detailed analysis and 3D modelling of divisional headquarters

Note: GeoSpatial AI-related activities shall be generally being executed in close coordination with the Artificial Intelligence Centre of Excellence (AI CoE) being established by the State. In case of shift of timelines or other reasons, these activities may be undertaken by the designated Project Team after having approval Commissioner, IT&C for the same.

Financial year wise expenditure shall be taken in phased manner as per below:

S. No.	Financial year	Expected expenditure (Rs. In Crore)
1	2026-2027	11.4
2	2027-2028	23.33
Total		**34.80**

The Committee advised to define project timeline for project implementation.

The Committee accords technical approval on the project proposal having estimated cost of Rs. 3480.00 Lakh.

8. Project : Development, Implementation and FMS of the various portals/applications of CM office and CM Residence under CMIS Project (Dept. of IT&C/ RISL)

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

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

10. **Details of the Old SeMT approval:**
    - Financial estimates of Rs. 1086.14 Lakh approved in 99th meeting of SeMT held on 22-05-2024 for the project Chief Minister Information System (CMIS) for F.Y. 2023-26
    - Financial year wise Expenditure in CMIS project.
      - 2023-24 : 300 Lakh
      - 2024-25: 370 Lakh
      - 2025-26: 200 Lakh

11. **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 2026-2029.

12. **Scope of Work for the F. Y. 2026-29:**

New Development/Tasks are as follows:

1) Development of following applications under CMIS project.
   - Facility Management System
     - Grievances Management System
     - Inventory Management System
   - File Tracking System
   - Chief Minister Relief Fund (CMRF) 2.0
   - User Management System
   - Vehicle entry Management System
   - Grievance redressal Mobile App with geotagging and AI integration.
   - CMO Mobile App

2) Enhancement and Maintenance support of existing applications operational at CMO and CMR.
3) Review of applications and documents, Preparation of Functional Requirement Specification (FRS) and Software Requirement Specification (SRS), user manual and other required documents.
4) Data Cleansing and Database Optimization
5) Customization of modules of existing applications based on the urgent/ immediate functional requirements from the higher authorities.
6) Dashboards as per requirement.
7) Reports and Analytics
8) Server Migration on latest stable versions.
9) Maintenance of third-party tools.

Enhancement and Maintenance of following applications/Portals:

1) CMIS Applications:
   - Budget Announcement
   - CM Announcement
   - Sankalp Patra
   - Cm Directions
   - Action Plan 100 Days
   - Cabinet Decisions
2) Recruitment Status
3) Project Monitoring System
4) Department Achievement
5) Mukhyamantri Jansunwai Monitoring System (MJMS)
6) CMRF Portal
7) VIP Letter Monitoring System
8) Online Donation Module for CMRF using RPP
9) News Monitoring System
10) Transfer Posting Management System
11) Visitor Management System for CM Office
12) Moments with CM (Photo scanner tool using AI)
13) Invitation Management System
14) Raj Unnati Portal
15) Visitor Management System for CM Residence
16) CM Tour Management System
17) Appointment Management System
18) Meeting Management System
19) Biodata Management System
20) File Transfer Management System

* New Development as per requirement and approvals

13. <u>Stakeholders in CMIS project</u>:

1. Officials of CM Office and CM Residence
2. Departmental Officials

14. Mode of Project execution:

- NICSI Rate Contract
- RISL Rate Contract
- RISL Rate Contract with Agile

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

16. Funds requirement for the period of 2026-29:
Budgetary provision to meet out urgent requirement of CMO and for maintenance, upgradation and enhancement of the developed applications are as under:

(Rs. In Lakh)

S. N.	Description	Fund Requirement			Revised Total Cost
		F.Y. 2026-27	F.Y. 2027-28	F.Y. 2028-29	
1	Development, enhancement, customization, integration and implementation of application modules	150.00	150.00	150.00	450.00
2	Facility Management Services of the developed applications	100.00	100.00	100.00	300.00
3	Requirement of Hardware and related items for CM Office	50.00	50.00	50.00	150.00
Total estimated cost (excl. RISL service charges & applicable Taxes		**300.00**	**300.00**	**300.00**	**900.00**
RISL Service Charges as per approved rates and Service Tax/GST (as applicable)		23.00	23.00	23.00	69.00
Total Estimated Revised Project Cost including RISL Service Charges & Taxes		**323.00**	**323.00**	**323.00**	**969.00**

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

The Committee accords technical approval on the project proposal having estimated cost of Rs. 969.00 Lakh.

9. Project : Generalized Court Management System (GCMS) v2.0 for period from year 2026 to 2029 (Dept. of IT&C/ RISL)

Generalized Court Management System (GCMS) is a generic platform designed to provide standardized functionalities for various court processes that are common across different types of courts in the State. The platform facilitates automation of court operations with minimal lead time and ensures uniformity and standardization in judicial proceedings.

GCMS is an integrated software system intended to be generalized and implemented across all courts. A simple and user-friendly public portal has been envisaged under the system to enable citizens to view information related to their cases, including access to e-signed copies

of judgments. The portal also provides functionality to search and view noteworthy cases published for reference purposes.

The primary objective of GCMS is to act as an online system through which case details are accessible to departmental officers as well as the general public, enabling them to view and track the status of cases.

1. Application Usage and Coverage:

Under the GCMS project, the following courts/departments are covered: -

- Board of Revenue (BOR)
- Subordinate Revenue Courts (Lower Courts)
- Rajasthan State Health Assurance Agency (MCSBY Court)
- Tax Board
- Rajasthan Civil Services Appellate Tribunal (RCSAT Court)
- LARRA Court (Rajasthan Land Acquisition Rehabilitation & Resettlement Authority)
- Department of Mines & Geology (DMG)

Case Status Detail of Various courts -

S. No.	Department	No. of Courts	Registered Cases	No. of Users
1	Board of Revenue (BOR – Multiple Benches)	1	1,91,436	306
2	Subordinate Revenue Courts	1,478	16,39,833	4,480
3	Rajasthan State Health Assurance Agency	34	1,80,465	168
4	Tax Board Department	1	45,482	39
5	LARRA Department	1	772	14
6	DMG Department	1	2,659	50
7	RCSAT	2	59,458	42

2. Background and Financial Status of GCMS Project:

The GCMS Project was initially approved in the 67th SeMT meeting with a budget of Rs. 153.89 lakh. Accordingly, Administrative and Financial Sanctions (AS & FS) amounting to Rs. 135.49 Lakh was issued on 30.05.2018, and the sanctioned amount was subsequently transferred to RISL under GCMS Project head.

The project cost was further revised in the 102nd meeting of SeMT held on 16.12.2024, with revised estimated cost of Rs. 247.27 Lakh for the period till March 2026. Accordingly, the Revised Administrative Sanction (AS) for Rs. 247.27 lakh was issued. The project is funded through Backend budget provisions of DoIT&C.

Financial sanctions as per the revised cost were also issued as detailed under:

- FS No. F5.501(45)/DoIT&C/2022/03700/2024 dated 12.02.2024. for Rs. 52.39 lakh.
- FS No. F5(1052)/DoIT/Tech/2017-09009 dated 13.10.2025 for Rs. 55.90 lakh.

3. Current Status of Project:

The latest work order for **Facility Management Services (FMS)** was awarded to **M/s Agile Labs Pvt. Ltd.** for a period of **two years (up to March 2026)**, in order to ensure continuity of the GCMS project.

4. Existing resources deployed in project as per below:

Work Order for two-year period (Year 2024 to 2026) as approved in 102nd SeMT :-

(Amount in Rs.)

S. No.	Item description	No. Of Resource	Man Month	Base Unit Price Amount (incl. all incidental Charges and all taxes but excluding GST)	GST	Total Amount (incl. all incidental Charges and all taxes)
1.	Sr. Developers	1	24	1,68,474.00	30,325.32	47,71,183.68
2.	Developers	2	24	1,21,128.00	21,803.04	68,60,690.00
In words (**One Crore Sixteen lakh Thirty one thousand Eight hundred and Seventy three**)						**1,16,31,873.00**

Additional work order of Rs. 23.86 Lakh Year 2025-2026: -

S.No.	Item description	No. Of Resource	Man Month	Base Unit Price Amount (in INR) (incl all incidental Charges and all taxes but excluding GST)	GST	Total Amount (in INR) (incl all incidental Charges and all taxes)
1.	Sr. Developers	1	12	1,68,474.00	30,325.32	23,85,591.84
In words (**Twenty Three lakh Eighty Five Thousand Five hundred and Ninety One**)						**23,85,591.84**

5. Current Expenditure Budget Status for GCMS Project:

(Rs. In Lakh)

Component	**FY 24–25**	**FY 25–26**	**Total Expenditure**
GCMS Work Order	58.00	82.00	140.00
Contingency	04.00	04.00	08.00
Total	62.00	86.00	148.00

6. SeMT Proposal (2026–2029):

The GCMS project is presently being operated under the Operation and Management (O&M) contract. All the courts on-boarded in the GCMS are presently functional and requires uninterrupted and smooth operation of the software. The application is developed on Agile Axpert Platform. The present features and functions require revamping as per latest framework and technology stack of the Axpert Platform. Thus, technical approval and budgetary provisions are required for the GCMS v2 project for a period of 3 years i.e. 2026–2029.

7. Approval Sought:

(Rs. in Lakh)

S. No.	**Work Component**	**SeMT Approval Required For Year 2026–29**
1	Application Development and Facility Management & Application Maintenance in Axpert Platform	295.25 (98.42 per year)
2	Misc. Contingency (Training, Travel, IEC, etc.)	15.00 (5.00 per year)
3	**Total**	**310.25**
	RISL Service Charges 10%	31.03
	CGST @ 9% on RISL Service Charge	2.79

S. No.	Work Component	SeMT Approval Required For Year 2026–29
	SGST @ 9% on RISL Service Charge	2.79
	Total Project Cost (INR)	**346.86**

8. Estimates of the required resources for the Application Development and Facility Management as per below for the period of 2026-2029:

(Amount in Rs.)

S. No.	Item description	Man Month	Base Unit Price Amount (incl. all incidental Charges and all taxes but excluding GST)	GST @ 18%	Total Amount (incl. all incidental Charges and all taxes)
1.	Sr. Developers (Qty. 2)	36	2,02,168.00	36,390.38	1,71,76,203.36
2.	Developers (Qty. 2)	36	1,45,353.60	26,163.64	1,23,49,457.28
In words (Two Crore Ninety Five Lakh Twenty Five Thousand Six Hundred and Sixty only)					2,95,25,660.64

9. Overall Financial Implication:

The overall estimated cost of project proposal is Rs. 346.86 Lakh.

10. Fund Management:

Expenditure would be met from the funds available with Backend budget provisions of DoIT&C.

The Committee recommends for technical approval of the project proposal for next one (1) year (2026-27) instead of three (3) year (2026-29). Directions were given to upgrade the development platform from existing to other latest technology platform meanwhile. So after 2026-27, application may be shifted to new technology platform.

Estimated Cost of resource for one (1) year:

(Amount in Rs.)

S. No.	Item description	Man Month	Base Unit Price Amount (incl. all incidental Charges and all taxes but excluding GST)	GST @ 18%	Total Amount (incl. all incidental Charges and all taxes)
1.	Sr. Developers (Qty. 2)	12	2,02,168.00	36,390.38	57,25,401.12
2.	Developers (Qty. 2)	12	1,45,353.60	26,163.64	41,16,485.76
				Total	**98,41,886.88**

Financial Implication for one (1) year:

(Rs. in Lakh)

S. No.	Work Component	Amount
1	Application Development and Facility Management & Application Maintenance in Axpert Platform	98.42
2	Misc. Contingency (Training, Travel, IEC, etc.)	5.00

S. No.	Work Component	Amount
3	**Total**	**103.42**
	RISL Service Charges 10%	10.34
	CGST @ 9% on RISL Service Charge	0.93
	SGST @ 9% on RISL Service Charge	0.93
	Total Project Cost (INR)	**115.62**

The Committee accords technical approval on the project proposal for one (1) year (2026-27) having estimated cost of Rs. 115.62 Lakh with condition, application may be shifted to new technology platform

10. Project : IAS Transfer Posting Software (for 2 years i.e. Year 2026 to 2028) (Dept. of IT&C/ RISL)

Brief of the Project:
IAS Transfer Posting Software is a specialised application developed for the government which is used to manage transfer, posting, promotion and civil list of All India Service Officers And Rajasthan Administrative Service Officers. The Application Is Primly Used By DoP and CMO.

Background and Financial Status of Project:
The administrative department of the application is DoITC. Till now, Project was part of RajKaj application umbrella. Now the RajKaj Project (v1) is closed and ongoing RajKaj V2 does not contains Administrative/Financial approval of this project. Also earlier SeMT, administrative and financial approval of this project were obtained by DoITC only.

Current Status of Project:
The latest work order for Application Maintenance was awarded to M/s Agile Labs Pvt. Ltd. for a period of two years (up to 15 March 2026). In order to ensure continuity of the project, DoP has requested rehiring of 6 manpower's for another two years.

Existing resources deployed in project as per below:
Work Order for two-year period (Year 2024 to 2026) was given on 15th March 2024

S. No.	Item description	Qty.	Man Month	Base Unit Price Amount excl. taxes	GST	Total Amount incl. taxes
1.	Sr. Developers	2	24	1,68,474.00	30,325.32	95,42,367.36
2.	Developers	4	24	1,21,128.00	21,803.04	1,37,21,379.84
					Grand Total	**2,32,63,747.20**

SeMT Proposal (2026–2028):
The project is presently being operated under the Operation and Maintenance (O&M) contract. DoP has requested to hire the same quantity of manpower and continue the project. Thus, technical approval and budgetary provisions are required for the project for a period of 2 years i.e. 2026–2028.

Technology Stack: AXPERT Framework (DotNET/Oracle)

Duration: 2 years i.e. 2026–2028

Administrative Department: DoIT&C

Implementation Agency: RISL

User Department: DoP/ CMO

Financial Implication:

Considered Estimates (considering 20% increase of old manpower rates) of the required resources for the Application Development and Facility Management are as under for the period of 2026-2028 (16 March 2026 to 15 March 2028).

(Rs. In Lakh)

S. No.	Item description	Man Month	Base Unit Price Amount excluding taxes	GST	Total Amount incl. taxes
1.	Sr. Developers (Qty 2)	24	2,02,168.00	36,390.38	1,14,50,802
2.	Developers (Qty 2)	24	1,45,353.60	26,163.64	82,32,828
3.	Data Base Administrator (Qty. 1, Equivalent to Sr. Developer)	24	2,02,168.00	36,390.38	57,25,401
4.	UI Developer (Qty 1, Equivalent to Developer)	24	1,45,353.60	26,163.64	41,16,414
				Grand Total	**2,95,25,445**

SeMT Approval Sought:

S.N.	Component	Amount (In Lakh)
1	Application Development and Maintenance in Axpert Platform	295.25
2	Misc. Contingency (Training, Travel, IEC, Meeting, additional manpower etc.)	15.00 (7.50 per year)
3	Total	310.25
	RISL Service Charges 10%	31.03
	GST @ 18% on RISL Service Charge	5.58
	Total Project Cost	**346.86**

The estimated cost of project proposal is Rs. 346.86 Lakh.

Fund Management:

Expenditure would be met from the funds available with Backend budget provisions of DoIT&C.

The Committee accords technical approval on the project proposal having estimated cost of Rs. 346.86 Lakh.

11. Project : Implementation of RajNET 2.0 under Budget Announcement No. 91 (F.Y. 2025-26) (Dept. of IT&C/ RISL)

Project Summary:

Budget Announcement No. 91 (FY 2025-26)

"प्रदेश के कोने-कोने में e-Governance के माध्यम से सरकारी सेवाओं को सुलभ रूप से पहुँचाने की दृष्टि से Digital Infrastructure को और अधिक सुरक्षित एवं सुदृढ करने हेतु 400 करोड़ रुपये से नवीनतम तकनीक आधारित RajNET 2.0 स्थापित किये जाने की घोषणा करती हूँ | RajNET 2.0 के माध्यम से Connectivity की क्षमता में दोगुनी वृद्धि किया जाना प्रस्तावित है |"

Network Connectivity Hardware under ICJS 2.0:

SCRB has requested to provide network connectivity infrastructure at 1515 sites (1023 police stations, 07 FSL, 155 Prisons and 330 prosecution offices). The required network infrastructure would be provided up to RajNET Rack only. Which includes Supply, Installation and Maintenance of Network Connectivity Hardware under ICJS 2.0 (upto RajNET Rack)

RajNET 2.0 is a transformative digital infrastructure project aimed at drastically enhancing network connectivity across government sectors and public welfare nodes. It introduces modern networking technologies and infrastructure improvements targeted toward scalability, reliability, security, and cost efficiency in the State. . Its primary focus is on:

- Upgrading and expanding connectivity to all government offices, Gram Panchayats, schools, and health centers.
- Introducing modern technologies like SD-WAN and DWDM to ensure future scalability and reliable services.
- Boosting network performance by doubling bandwidth and modernizing infrastructure.
- Ensuring secure and intelligent traffic management using next-gen firewalls, encryption, and centralized monitoring.
- Strengthening rural connectivity through BharatNet integration and support for smart surveillance and digital services.

The key objectives of RajNET 2.0 are:

- **State-wide Network Up-gradation** – Upgrading and providing redundant connectivity to all government offices and up to all Gram Panchayat level including all PHCs and Higher Secondary Schools in the State by deploying multiple connectivity layers (MPLS, P2P, ILL, Broadband and DWDM) for uninterrupted service.
- **Technology Upgradation** – Implementing next-generation networking solutions that remain relevant and scalable up to next 10 years.
- **Infrastructure Modernization** – Upgrading existing networking components, ensuring robustness and efficiency.
- **Centralized Monitoring System** – Monitor the entire network from one point, identify potential issues quickly, and take necessary actions across the entire infrastructure.
- **Bandwidth Augmentation** – Doubling the network bandwidth to support the growing demand for digital e-Governance services.
- **Integration of secured SD-WAN** – Enabling intelligent and secured, software-driven traffic management, improved security, and optimized performance.
- **Enhanced Security & Compliance** – Implementing NGFW capabilities at office level, encryption, and advanced threat detection.
- **Smart Surveillance Connectivity** – Provide support to increasing CTTV installation in the state under various schemes like Ladli Suraksha Yojana, etc. which are integrated with Abhay Command Control Center.

- **Integration with BharatNet** – Strengthening rural connectivity using BharatNet fiber infrastructure.
- **Low cost bandwidth utilization** - Enhancing connectivity through broadband services, rural inclusion, educational access, secured local internet breakout at end user department/offices.

Scope of Work (SoW):

The vision for the project is that with the increased online applications and enhanced use of every domain of e-Governance framework, now higher network capabilities are required more bandwidth, high security, new technology, and multiple connectivity options at single point of presence with the aim to reach at far-flung areas where, captive OFC and other mode of fibre connectivity is difficult to deliver the services to citizen.

RajNET 2.0 aims to modernize, expand, and upgrade the existing network infrastructure by adopting

- Software-Defined Wide Area Network (SD-WAN) technology,
- Exploring use of RVPN GSS (OPGW network),
- Increasing network bandwidth to end user department/office,
- Placement of fast Ethernet and Fibre switches for integration of CCTV cameras
- Latest UPS

RajNET 2.0 represents a strategic leap in transforming Rajasthan's digital infrastructure to create a future-ready, resilient, and inclusive e-Governance ecosystem. The modernization of the existing RajNET framework with state-of-the-art technologies like secured SD-WAN, integration with broadband, DWDM, UPS with battery having longer year support and advanced security solutions will enable seamless delivery of e-Governance services across the state. The project's phased approach ensures optimized implementation, resource utilization, and continuous network availability, significantly enhancing the quality and reach of digital services. With the integration of BharatNet and local broadband services, RajNET 2.0 will bridge the rural digital divide, fostering socio-economic growth and improving access to digital e- Governance services.

The implementation of RajNET 2.0 aligns with the broader objectives of Digital India and state e-Governance initiatives, setting a robust foundation for Rajasthan's digital transformation journey. RajNET 2.0 will be executed by RISL. This project will not only enhance digital access but also empower citizens, improve governance, and foster inclusive socio-economic development across Rajasthan. The Phase wise approach will be adopted for implementation as per given below:

Phase	Description
Phase 1	1. Procurement and installation of DHCP Server at Data Center and development of Dense Wavelength Division Multiplexing (DWDM) at RVPNL GSS to enhance bandwidth availability and network efficiency. 2. Fiber laying to integrate Optical Ground Wire (OPGW) of RVPNL at DHQ & BHQ. 3. Procurement and installation of network infrastructure solution with switches, UPS & batteries and secondary link for SHQ-HO, DHQ (critical HOs), all Police Stations and BHQ PoP rooms to ensure security, connectivity redundancy, and load balancing. 4. Renovation of PoP rooms in District and Blocks
Phase 2	1. Procurement and installation of network infrastructure solution with switches, UPS & batteries and secondary link for DHQ (all HOs). 2. Additional UPS & batteries for un-interrupted power for Gram Panchayts.
Phase 3	1. Procurement and installation of network infrastructure solution with switches, UPS & batteries and secondary link for BHQ (all HOs). 2. Additional UPS & batteries for un-interrupted power for Gram Panchayts.

Phase 4	1. Procurement and installation of network infrastructure solution with switches, UPS & batteries and secondary link for some modal GPs. 2. Additional UPS & batteries for un-interrupted power for Gram Panchayts.

Strategic Impact of RajNET 2.0

1. **E-Governance Enablement:** Faster, secure communication between government departments.
2. **Rural Digital Inclusion:** BharatNet integration to offer high-speed internet in Gram Panchayats and rural health centers.
3. **Smart Surveillance:** Supporting seamless integration of IP-based CCTV surveillance across cities and villages.
4. **Future-Ready Network:** Scalable to support 5G, IoT, real-time video transmission, and cloud- based services.

Challenges Overcome by RajNET 2.0

1. Manual processes for IP management.
2. Network downtime due to aging infrastructure.
3. High maintenance and operational complexity.
4. No redundancy or load balancing for connectivity.
5. Limitations in bandwidth for future technologies and government initiatives.

Mode of project execution: Project implementation will be done by RISL through Rate Contract.

Duration: For 5 Years (FY 2026-27 to FY 2030-31)

Financial Implication/ Estimated Project Cost Financial Year Wise Details:

Table-1 (Estimated Expenditure for Network Infrastructure and Secondary Connectivity incl. GST)

(Amount in Crore)

S. No	Description	2026-27	2027-28	2028-29	2029-30	2030-31	Total Amount
1	**Network Infrastructure** DHCP Server (1+1), DWDM Appliance	34.00	-	-	-	-	34.00
2	**Network Infrastructure - field** Secured Solution, Router, Edge Node, Switches, UPS & Batteries	107.00	60.00	60.00	45.00	-	272.00
3	**PoP room renovation**	27.20	-	-	-	-	27.20
4	OFC laying PoP room to RVPNL GSS	14.42	-	-	-	-	14.42
5	**Secondary/Redundant Connectivity** (Alternate Broadband/Air Fiber/Local ISP connectivity at all Offices)	1.00	2.50	5.00	6.00	6.00	20.50
6	**Support & Maintenance** (UPS & Batteries support and maintenance)	1.00	1.50	2.00	4.00	6.00	14.50
Total Amount		184.62	64.00	67.00	55.00	12.00	382.62

Table 2 (Estimated Expenditure of 2 Consultant for RajNET 2.0 incl. GST)

(Rs. In Lakh)

S. No.	Description	Man-Month Cost	Qty.	2026-27	2027-28	2028-29	2029-30	2030-31	Total Amount
1	Managing Consultant - Project management	2.70	1	32.40	35.64	39.20	43.12	47.44	197.81
2	Managing Consultant- Technology Profile	2.70	1	32.40	35.64	39.20	43.12	47.44	197.81
Total Excl. Taxes				64.80	71.28	78.40	86.24	94.88	395.61
Total Incl. Taxes				76.46	84.11	92.52	101.77	111.95	466.82

Total Estimated Expenditure for Five years including RISL Charges and incl. GST:

(Rs. in Crore)

S.N.	Description	Total Amount
1	**Network Infrastructure** (Secured Solution, Edge Node, DHCP Servers, OFC Laying, Fiber Switches, DWDM Appliance)	320.42
2	**Secondary/Redundant Connectivity** (Alternate Broadband/Air Fiber/Local ISP connectivity at all Offices for Five Years)	20.50
3	**PoP Room Renovation**	27.20
4	**Support & Maintenance** (Batteries and UPS support and maintenance)	14.50
5	Consultant for RajNET 2.0 (2 Consultants for Five years)	4.66
6	RISL Service Charges with Taxes	45.74
7	**Total Estimated Cost**	**433.02**

Fund Management:

Expenditure would be met from the funds available under "RajNET" Budget Head of Dept. of IT&C, Govt. of Rajasthan.

The Committee deliberated in detail on the project:

- **Modal GPs proposed in this project are supposed to be cover under Amended BharatNet Program (ABP) of Government of India and will be roll out soon.**
- **Network rooms in new districts and Blocks be considered to provide better, secure and safe environment for the proposed solutions in new districts.**
- **Funds received from SCRB through NCRB, GoI for the network connectivity infrastructure under ICJS 2.0 for 1515 locations are already part of RajNET 2.0, subject to the total limit of budget announcement i.e. 402.80 crores.**

The Committee accords technical approval on the project proposal with above-described adjustments and with the limit as per budget announcement of amounting to Rs. 402.80 crores.

12. Project : A.) Extension of FMS for existing RajSahkar Application (Cooperatives Societies) and B.) Upgradation of RajSahkar Application in accordance with the requirements of Govt. of India

A.) Extension of FMS for existing RajSahkar Application:

Scope of Work:

FMS of existing application-

- One-year Facility Management Services (FMS) of the existing application, encompassing maintenance and support services.
- Incorporate the RCS ACT 2001 and Sport Act 2005 amendments.
- Update the Godown module & online MPR submission for accurate inventory and real time monitoring.
- Strengthen the CCS complaints system with better tracking and resolution
- Develop mobile app for easier access of services and monitoring.
- Integrate all key services with e-Mitra for unified service delivery.
- Up-to date user manuals & training module.
- Conduct training sessions on an as-needed basis
- Enhance and upgrade the dashboard to meet the needs of all stakeholders.
- Develop the departmental enquiry module in accordance with Section 55, Section 57(1), Section 57(2), and other relevant provisions.
- Redesign the Election and Audit Module to ensure full compliance with the applicable Acts Rules.
- Strengthen the overall MIS for better monitoring, reporting, and decision-making.
- Any other functional and technical assistance required by RISL/ DoIT&C/ Department related to solution
- Any other development task assigned by project OIC.

Details of Resource requirement:

S.No.	Resources	Level	Quantity	Rate (Excl. GST)
1	Frontend Developer	Level 9	1	1,73,328.00
2	Backend Developer	Level 8	1	1,58,884.00
3	Mobile App Developer	Level 6	1	1,15,552.00
4	UI/UX Designer	Level 6	1	1,15,552.00
	Total		**4**	

Effort Estimation of existing application:

The one-year FMS budget details of the existing project are mentioned as below:

S.No.	Particulars	Total Price in Rs.
A.	**FMS**	
1	Maintenance & Support for 12 Months	66,69,531.00
2	GST @ 18 %	12,00,515.58
	Sub Total A	**78,70,046.58**
B.	**RISL Service Charges on Sub Total A**	
1	RISL Charges	6,66,953.10
2	GST @ 18 % on RISL Charges	1,20,051.56
	Sub Total B	**7,87,004.66**
C.	**Contingency Charges**	**66,695.31**
	Total Project Cost (A+B+C)	**87,23,746.55**

B.) Upgradation of RajSahkar Application in accordance with the requirements of Govt. of India.

Scope of Work for development as per National Cooperative Database (NCD) of Ministry of Corporation:

The scope of work shall include the design, development, testing, and integration of new functional modules in accordance with the approved NCO. This shall cover, but not be limited to, the following modules:

- Annual Return Filing - Module for submission, validation and processing of annual returns.
- Inspection of Records - Module to request, track and conduct record inspections.
- Liquidation - Module to manage initiation, processing, and closure of liquidation cases.
- Amendments of Bye Laws - Module to submit, approve and record amendments to bye-laws.
- Settlement of Disputes - Module to register, track and resolve disputes with role-based access.

Estimated Resources Details for Development:

S.No.	Resources	Level	Quantity	Rate (Excl. GST)
1	Technical Consultant	10 to 15 Year Exp.	1	3,64,652.00
2	Full Stack Developer	Level 10	1	1,87,772.00
3	Frontend Developer	Level 7	1	1,44,440.00
4	Database Expert	Level 7	1	1,44,440.00
	Total		**4**	

Effort Estimation for new Development as per NCD of Ministry of Corporation:

The one-year budget details for development of new module and necessary integration are:

S.No.	Particulars	Total Price (In Rs.)
A.	**NCD**	
1	Development/ Integration as per NCD	1,00,95,648.00
2	GST @ 18 %	18,17,216.64
	Sub Total A	**1,19,12,864.64**
B.	**RISL Service Charges on Sub Total A**	
1	RISL Charges	10,09,564.80
2	GST @ 18 % on RISL Charges	1,81,721.66
	Sub Total B	**11,91,286.46**
C.	**Contingency Charges**	**1,00,956.48**
	Total Project Cost (A+B+C)	**1,32,05,107.58**

The new development as per NCD shall be part of FMS after one year.

Overall Financial Implication:

S.N.	Particulars	Total Cost (Rs. in Lakh)
1	A. Extension of FMS for existing RajSahkar Application	87.23
2	B. Upgradation of RajSahkar Application in accordance with the requirements of Govt. of India	132.00
	Total	**219.23**

Fund Management:
Expenditure would be met from the funds managed by Co-operatives Societies, Rajasthan.

The Committee accords technical approval on the project proposal having estimated cost of Rs. 219.23 Lakh.

Meeting ended with the vote of thanks to the chair.

This bears the approval from competent level.

(Himanshu Gupta)
Commissioner and Special Secretary, IT&C

Copy for information and necessary action to:

1. PS to Addl. Chief Secretary, Public Works Department, Jaipur
2. PS to Addl. Chief Secretary, Disaster Management, Relief & Civil Defense Dept., Jaipur
3. PS to Principal Secretary, Medical & Health and Family Welfare Dept., Jaipur
4. PS to Principal Secretary, Finance Dept., Rajasthan, Jaipur
5. PS to Secretary, Local Self Government Department, Jaipur
6. PS to Secretary, Planning Dept., Rajasthan, Jaipur
7. PS to Secretary, Dept. of IT&C, Rajasthan, Jaipur
8. PS to Secretary, Cooperative Department, Rajasthan, Jaipur
9. PS to Secretary, Transport Department, Rajasthan, Jaipur
10. Sr. PS to Commissioner & Special Secretary, Dept. of IT&C, Jaipur
11. PS to Chief Executive Officer, State Health Assurance Agency, Rajasthan, Jaipur
12. PS to Commissioner Transport Department, Rajasthan, Jaipur
13. PS to Addl. Chief Executive Officer, State Health Assurance Agency, Rajasthan, Jaipur
14. PS to Director Cum Special Secretary, Local Self Government Department, Jaipur
15. PA to Deputy Secretary, Disaster Management, Relief & Civil Defense Dept., Jaipur
16. PA to Chief Engineer & Addl. Secretary, Public Works, Department, Jaipur
17. PA to Director (HOD), Rajasthan Jan Aadhaar Authority, Planning Dept., Jaipur
18. PA to Joint Secretary, Finance (Expenditure-III) Dept., Rajasthan, Jaipur
19. PA to Director (T), RISL, and Chairman, Technical Committee, Dept. of IT&C, Jaipur
20. Director, LNM Institute of Information Technology (LNMIIT), Jaipur
21. Shri Darbari Lal, Technical Director, Dept. of IT&C, Jaipur
22. PA to DDG & SIO, National Informatics Centre, Rajasthan, Jaipur
23. Shri Vijay Prakash, Additional Director, Dept. of IT&C, Jaipur
24. Shri Dheeraj Gaur, Additional Director, Dept. of IT&C, Jaipur
25. Shri Kuldeep Yadav, Additional Director, Transport and Road Safety Dept., Jaipur
26. Shri Manish Kumar Sharma, Additional Director, Dept. of IT&C, Jaipur
27. Shri Naveen Kumar, Additional Director, Dept. of IT&C, Jaipur
28. Smt. Kaushalya Sankritya, Chief Accounts Officer, Dept. of IT&C, Jaipur
29. Smt. Monika Chaudhary, S.A. (Joint Director), RISL, Jaipur
30. Shri Prabhu Narayan Meena, S.A. (Joint Director), Public Works Dept., Jaipur
31. Shri Vinod Kumar Meena, S.A. (Joint Director), RISL, Jaipur
32. Shri Ashok Kumar Meena, S.A. (Joint Director), Local Self Government Dept., Jaipur

33. Smt. Ritika Pandya, S.A. (Joint Director), RISL, Jaipur
34. Smt. Ritu Bhaskar, S.A. (Joint Director), Chief Minister Office, Jaipur
35. Shri Ravindra Kumar Nama, ACP (Dy. Dir.), Disaster Management & Relief, Jaipur
36. Shri Sumer Singh Meena, A.C.P. (Deputy Director), RSHAA, Jaipur
37. Shri Nand Kishore Sharma, Programmer, Jan Aadhaar Authority, Planning Dept., Jaipur
38. Smt. Archana Pareta, Programmer, Cooperative Department, Jaipur.
39. OIC- Website, Dept. of IT&C to upload the MoM on departmental website.

(**Akhilesh Mittal**)
Technical Director

DOIT.C
Department of Information Technology & Communication, Rajasthan

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

Annexure-"A"

112th Meeting of SeMT held on 25-02-2026 - List of Attendees

S. No.	Name of officer	Designation
1.	Shri Ravi Kumar Surpur	Secretary, IT&C/ Chairperson, SeMT
2.	Shri Himanshu Gupta	Commissioner & Special Secretary, Dept. of IT&C
3.	Smt. Shefali Kushwaha	Deputy Secretary, DMRD
4.	Shri Anil Kumar Singh	Director (T), RISL, Jaipur
5.	Shri Akhilesh Mittal	Technical Director, Dept. of IT&C, Jaipur
6.	Shri Rajeev Jain	Technical Director, Dept. of IT&C, Jaipur
7.	Prof. Rahul Banerjee	Director, LNMIIT, Jaipur
8.	Shri Vijay Prakash	Additional Director, Dept. of IT&C, Jaipur
9.	Shri Dheeraj Gaur	Additional Director, Dept. of IT&C, Jaipur
10.	Shri Kuldeep Yadav	Additional Director (IT), Transport Dept., Jaipur
11.	Shri Manish Sharma	Additional Director, Dept. of IT&C, Jaipur
12.	Shri Naveen Kumar	Additional Director, Dept. of IT&C, Jaipur
13.	Shri Amit Bhiwani	Additional SIO, NIC
14.	Smt. Kaushalya Sankritya	Chief Accounts Officer, Dept. of IT&C, Jaipur
15.	Shri N.K. Sethi	Director, Jan Aadhaar
16.	Shri Sushil Rohil	ED (Finance), RSHAA
17.	Shri Mookesh Bhati	CE (Road), PWD
18.	Shri Arun Vyon	CE DLB
19.	Shri Ashok Kumar Gupta	Addl. Chief Engineer (Building), PWD
20.	Smt. Rashmi Verma	Joint Registrar (Plan), Cooperative Dept., Jaipur
21.	Shri Om Prakash Jatawat	S.A. (Joint Director), Dept. of IT&C, Jaipur
22.	Smt. Monika Chaudhary	S.A. (Joint Director), RISL, Jaipur
23.	Shri Prabhu Narayan Meena	S.A. (Joint Director), Public Works Dept.
24.	Shri Vinod Kumar Meena	S.A. (Joint Director), RISL, Jaipur
25.	Smt. Ritika Pandya	S.A. (Joint Director), Dept. of IT&C, Jaipur
26.	Smt. Sudha Singh	S.A. (Joint Director), DoP
27.	Shri Ravindra Kumar Nama	A.C.P.(Dy. Director), DMRD
28.	Shri Sunil Choudhary	A.C.P.(Dy. Director), RISL
29.	Shri Devendra Kumar Maurya	A.C.P.(Dy. Director), Dept. of IT&C, Jaipur
30.	Smt. Moon Verma	A.C.P.(Dy. Director), Dept. of IT&C, Jaipur
31.	Shri Sumer Singh Meena	A.C.P.(Dy. Director), RSHAA, Jaipur
32.	Shri Nand Kishore Sharma	A.C.P.(Dy. Director), RJAA
33.	Shri Manish Kumar Gupta	DD, RJAA
34.	Shri Fanish Kumar	EE (IT), PWD
35.	Shri OM Prakash Kala	EE DLB
36.	Shri Satish Chand Gupta	Consultant, FD EXP. III
37.	Shri Mahesh Maan	DMRD
38.	Shri Deepak Sharma	Programmer, DMRD
39.	Smt. Archana Pareta	Programmer, Cooperative Dept., Jaipur

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