

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

No.: F5.501(1428)/DoITC HQ/2024/102425/2026

Dated: 08-07-2026

Minutes of 114th meeting of SeMT dated 23-06-2026

The 114th meeting of the State e-Governance Mission Team (SeMT) was convened under the Chairmanship of Secretary, IT&C on 23rd June, 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
1.	Implementation and Maintenance of Integrated University Management System (IUMS) for University Examinations and Allied Services	Kota University, Kota	550.00
2.	Manpower hiring for Consultancy Services for State Digital Mission	Dept. of IT&C	55.39
3.	Establishment of 200 seater call center at LIC building under Young Professional Program-2026	Directorate of Economics & Statistics/ RISL	1193.73
4.	Procurement of SMS services under e-Sanchar Project	Dept. of IT&C	800.00
5.	Renewal of State Recruitment Portal of Government of Rajasthan	Dept. of IT&C/ RISL	1847.38
6.	Hiring of 15 IT expert manpower services for IT-PMU	Rajasthan State Health Assurance Agency (RSHAA)	469.43
7.	Vehicle Location Tracking System (VLTS)	Food & Supplies Department, Jaipur	276.15

The following project proposals were discussed in the meeting:

1. Project : Implementation and Maintenance of Integrated University Management System (IUMS) for University Examinations and Allied Services (Kota University)

Project Initiative Type: University Initiative Proposal.

Major Objectives:

- To outsource pre- and post-examination works (starting from online examination forms, printing and supply of admit cards, examination centre stationery, preparation of answer book packets with bags, question papers and related examination materials, declaration of results, printing of marksheets, degrees, migration certificate, etc. as also being done earlier by the University through open e-bid process.
- To automate affiliation process of the colleges of the jurisdiction of the University.
- To govern and automate the entire digital lifecycle of approximately 2.50 Lakh students across on-campus academic departments and affiliated colleges also.
- To establish a single, integrated digital system that replaces disjointed functions and unifies various university processes (such as admissions, affiliations, and examinations) under a standard approach.
- To efficiently manage the complete end-to-end lifecycle of students (including admission, registration, fees, attendance, hostel, examinations, and credential verification) as well as the academic and administrative functions of employees.
- To ensure robust data integrity across various departments, secure web-based operations, and protect against system vulnerabilities like hacking, defacement, or tampering.
- To provide a centralized dashboard and a streamlined Management Information System (MIS) for real-time reporting on the performance of operating departments.
- To make services available across diverse browser environments and mobile platforms (Android and iOS), ensuring features are user-friendly for everyone, including specially-abled individuals.
- To provide centralized administrative visibility and analytical reporting capacity via dynamic management dashboards mapping institutional metrics against UGC, NAAC, BCI, PCI, NIRF and AISHE compliance guidelines.

Benefits & Strategic Impact:

- Bridges structural barriers between admissions, registration, examination, evaluation, results, digital archives and document verifications.
- Enforces strict data-masking mechanisms, automatic fictitious roll code allotments, and high-security system protocols to eliminate administrative tampering hazards.
- Establishes responsive digital application paths, online fee portals, and ticketed student grievance tracking centers to decrease campus friction.

Overall Duration and Timelines:

Two years for execution and five years thereafter for upgradation.

- Procurement of software with perpetual license
- Implementation and maintenance of IUMS modules during two years contract period and upgradation of software for next five years thereafter.
- **University Examinations:** All examinations of the academic sessions 2026-27 and 2027-28.
- **Allied Services Modules:** For academic sessions 2026-27 and 2027-28.

Scope of Work (SoW):

The proposed IUMS system relies on an isolated, loose-coupling web environment built on multi-tier infrastructure configurations. Separate functional modules communicate securely using JSON/XML data validation streams over secure HTTPS protocols:

General Scope of Work:

The successful bidder is responsible for the end-to-end lifecycle of the system deployment, data transition, and ongoing operational maintenance:

- University data obtained from existing ERP solution provider is needed to be incorporated in the new ERP solution.
- Requirement gathering and business process study to map existing workflows and design the ERP accordingly.
- Supply and installation of all required software and hardware components, licenses, and related tools.
- Customization of ERP modules to suit the academic and administrative needs of the University
- The ERP solution should be natively based on 32 and 64-bit operating systems and shall support all new and old generation computers.
- Data migration from current systems, manual records and legacy databases into the new ERP solution.
- All applications accessible by replica server, if required on intranet.
- Access with single sign-on.
- Archival of information and data.
- Provision for data item-based access rights.
- Provision of interactive validations of data entries.
- Provision for reports generation as per requirements.
- Provisions for preventing tampering of the software as well as data.
- Provisions for Import and Export to the archived files.
- Providing a mechanism for continuous updates and upgrades to accommodate evolving University policies, regulatory changes and process enhancements during whole tenure of the project.
- User manuals, developer manuals and trainings of all the users along with training materials.
- Ensuring 100% uptime for critical modules during peak academic periods such as admissions, examinations and result declarations.
- ERP Implementation Services till Go-Live of stable version.

Functional Scopes of Work:

Following functional scopes of the work/modules will be implemented and maintained under the IUMS of the University:

1. Examination Management
2. Affiliation Management
3. Admission Management
4. Attendance Management
5. Registration Management
6. Student Fee Management
7. Hostel Management
8. Grievance Management
9. Placement Management
10. Alumni Management
11. Student Verification Management
12. Mobile Apps Management
13. MIS Management

Stakeholders:

- University Administration, Teaching Staff, Departmental Directors, Executive Officers, and the Office of the Controller of Examinations.
- Affiliated Colleges, students, and alumni members.

Mode of Project Execution:

Rate contract through Open Competitive Bidding via e-Procurement portal.

Project Implementation agency:

Successful bidder selected through Open Competitive e-Bidding process via e-Procurement portal.

Financial Implication/Estimated Project Cost:

Estimated project costs structured around the specified categories are calculated by the technical committee based on various examination works executed by the existing firm as well as works undergone in the MLSU and RTU:

S. No.	Component Technical Description	Estimated Allocation Cost (Amount in Rs.)
1.	Software and Perpetual Licensing: IUMS web ecosystem design, multi-tier configuration, framework tuning, database structuring, data migration, and a 5-year software version upgrade guarantee.	2,50,00,000/-
2.	Examination Module: Encompasses robust cloud infrastructure provisioning, 24x7 on-site technical engineers, help desk setup, secure examination stationery procurement, double OMR scanning, automated machine-driven fictitious coding operations, and credential security printing, providing examination materials.	2,50,00,000/-
3.	Allied Modules: Including affiliation, admission, fee collection, Attendance, Grievance Management, Placement, alumni management,	50,00,000/-

	Student Verification, MIS, etc.	
	Estimated total Approximate value of the project (Including all taxes and services charges)	5,50,00,000/-

The firm must bear all costs associated with water supply, maintenance, and security for the on-campus workspace assigned to them. The bidder is financially required to install 16 to 20 IP compatible HD CCTV cameras along with a 55-inch Smart TV for surveillance inside the university's examination section. Optional air conditioning installation costs inside this space must also be absorbed by the firm.

Other Important Aspects to be taken care of:

This project excludes any budgetary items linked to non-IT works like civil structures, office furnishings, or standard office renovations. The University provides rent-free, secure operational facilities and raw utility power inputs within the campus grounds.

Fund Management:

It is specifically highlighted that 100% of the expenditure for this project will be funded through the University of Kota's own self-generated income sources. The State Government of Rajasthan will not bear any financial implications or liabilities for this procurement.

After detailed discussion & deliberation on the proposal, the Committee advised Kota University to:

1. Get the proposal analyzed and approved by Project e-Governance Mission Team (PeMT) which constituted at the level of Administrative Department. So that, holistic approach can be adopted to scale up the project for all Universities of Rajasthan State.
2. Provide justification of why the "Samarth Portal / Samarth eGov" (developed by C-DAC for streamline operations across Universities/ High Educational Institutes) is different from IUMS and not feasible for Kota University.

The Committee deferred the project proposal and advised to re-submit the project considering the aforesaid advices.

2. Project : Manpower hiring for Consultancy Services for State Digital Mission (DoIT&C)

Project Summary: The committee was apprised that the coordination cell of DoIT&C is responsible of various activities where in comparison study of various policies/guidelines, preparation of presentations/concept note/project details, creative writing, letters and reports etc. are required. Basis this, the procurement committee dated 06-02-2025 approved to hire the services of consultant through NICS for the period of one year with the following details (MOM vide no. F8(22)/DoIT&C/Gen/2023/00426/2025 dated 10-02-25)

Duration of Work: For the period of One Year (20-06-2025 to 20-06-2026) on post-facto basis.

Scope of Work: DoIT&C 2025-26 post facto basis is responsible for execution of following activities on regular basis:

Assist in PMU-related activities for the Digital Mission by preparing project roadmaps and milestones, coordinating across stakeholders, and monitoring evaluation methods and overall

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

project progress through regular status reports. Support the implementation of various IT and e-Governance projects within the department, including service level agreement monitoring and assistance with issuance of corrigenda. Prepare strategic and technical documents for e-Governance initiatives and provide hand-holding support for all related departmental activities. Carry out additional tasks as assigned by the Project OIC/DoIT&C, while identifying critical success factors and key performance indicators for effective project implementation. Facilitate awareness programs and ensure clear communication during project rollouts, and manage all correspondence with MeitY and other central departments. Develop departmental presentations for senior leadership, including the Hon'ble Chief Minister and Chief Secretary, and conduct policy studies at both central and state levels, providing feedback and comments. Coordinate with the Planning Department on initiatives such as the Global SDG Index, contribute to drafting and reviewing new policies, and handle activities related to the Rising Rajasthan MoU.

Implementing Agency: Department of Information Technology & Communication

Financial Implication:

1. For the period 2025-26 post facto of One Year (20-06-2025 to 20-06-2026)

1. For the period 2025-26 post facto for One Year (20-06-2025 to 20-06-2026)					
S.N.	Resource Category	No of Resources	No. of Man Months/ Days	Rate/Man Month (Excl. Taxes) (in Rs.)	Total Amount (in Rs.)
		A	B	C	D=AxBxC
1	Consultants with 10 yrs and < 15 yrs experience	1	From 20-06-2025 to 21-10-2025	3,78,543,.38	15,14,173.52
2	(Technology Profile Tier -1) with 3rd rate revision		From 22-10-2025 to 20-06-2026	3,97,470,.68	31,79,765.44
Total (Rs.)					46,93,938.96
Total Amount (Excluding GST)					46,93,938.96
IGST Payable @18.00% on (1)					8,44,909.01
Gross Amount Payable (Including GST)					55,38,847.97

Fund Management: Hiring the services of Consultant through NICSI for the period of one (1) year shall be borne from "Backend & New Projects" Budget Head of DoIT&C.

The Committee directed to submit detailed justifications of the project proposal for requirements of consultancy services before putting up the same in SeMT.

3. Project : Establishment of 200 seater call center at LIC building under Young Professional Program-2026 (DES/ RISL)

Background:

Government of Rajasthan is implementing Young Professional Programme- 2026 for establishing call centre of 200 young professional, under which professionals will look after the implementation of government schemes on ground, taking feedback of beneficiaries, and

apprise the government about the problems/doubts and expectations of beneficiaries. It requires physical and Material resources such as work stations, furniture and fixtures, etc along with IT equipment's such as Computer, Printers, Desktop, headphone, calling licenses, internet connectivity UPS, Software etc, to setup call centre of 200 working professionals at Nidhi Bhawan-1, LIC of India, Jaipur under 'Young Professional Programme- 2026'.

Further, the Department of Economics & Statistics has requested execution of the work on an urgent basis, with an assurance that requisite financial resources shall be made available after obtaining approval from the Finance Department. Additionally, as per directions issued by the competent authority, the responsibility for establishment of the aforesaid Call Centre has been assigned to the Department of Information Technology & Communication (DoIT&C).

The scope of establishment of the Call Centre broadly includes:

1. Creation of physical infrastructure and related resources, including civil works, workstations for professionals, training room, air-conditioning, and furniture & fixtures.
2. Provisioning of IT infrastructure, including computers/desktops, printers, headsets, calling licences, internet connectivity, UPS, projectors, and application hosting.
3. Adoption of the same technology platform/licences as implemented in the 181 Call Centre (Rajasthan Sampark) through appropriate procurement mechanism.
4. Arrangement of operational logistics such as housekeeping, security, drinking water facilities (water cooler/RO), etc.

Execution Agency:

RajCOMP Info Services LTD.

Financial Implications:

A. Estimated CAPEX

For operationalisation of the aforesaid Call Centre, various physical, technical, and material resources are required, including workstations, furniture and fixtures, IT infrastructure, computers, printers, desktops, headsets, calling licences, internet connectivity, UPS systems, software applications, communication systems, and other allied infrastructure components. Further, civil and electrical works along with associated logistical arrangements are also required for establishment and smooth functioning of the Call Centre.

Accordingly, the estimated expenditure for establishment and operationalisation of the Call Centre, covering civil and electrical works, IT infrastructure, communication systems, software licences, furniture and fixtures, and other allied logistical arrangements, is detailed as under:

The estimated Capital expenditure for setting up and operationalising the Call Centre, covering civil and electrical works, IT infrastructure, communication systems, software licences, and allied logistics, is as under:

(Amount in Rs.)					
CAPEX					
SN	Item Description	2026-27	2027-28	2028-29	Total
A	Non-IT (Civil etc.) Items				
1.	Table and chair	17,60,000.00	220000	220000	22,00,000.00
2.	Air Conditioner	6,00,000.00	75000	75000	7,50,000.00
3.	Cassette AC 2	7,20,000.00	90000	90000	9,00,000.00

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

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4.	UPS & Electric Cabling	41,60,000.00	520000	520000	52,00,000.00
5.	FAN	2,80,000.00	35000	35000	3,50,000.00
6.	Water Cooler and RO	1,60,000.00	20000	20000	2,00,000.00
7.	Civil Work	10000000	0	0	1,00,00,000.00
8	LED 65 Inch	9,60,000.00	120000	120000	12,00,000.00
9	Big LED Screen 85"	2,80,000.00	35000	35000	3,50,000.00
10	Total – Non IT Capex	1,89,20,000.00	11,15,000.00	11,15,000.00	2,11,50,000.00
B	IT Items				
1	Data Centre Component with Calling software licences	3,81,36,000.00	47,67,000.00	47,67,000.00	4,76,70,000.00
2	IP Phone (200 Small Display Ip Phone + 20 Large Display with camera Colored IP Phone)	31,20,000.00	3,90,000.00	3,90,000.00	39,00,000.00
3	Work Station with 1 monitor with Headphone and Mic	1,79,52,000.00	22,44,000.00	22,44,000.00	2,24,40,000.00
4	Camera with NVR & Storage	3,60,000.00	45,000.00	45,000.00	4,50,000.00
5	Networking with Edge Equipment and Patch chords	1323200	165400	165400	16,54,000.00
6	Total – IT Capex	6,08,91,200.00	76,11,400.00	76,11,400.00	7,61,14,000.00
C	Total (IT + Non IT) Capex	7,98,11,200.00	87,26,400.00	87,26,400.00	9,72,64,000.00
D	Misc. 5%	39,90,560.00	4,36,320.00	4,36,320.00	48,63,200.00
E	RISL Service Charge (10% on (Si No	83,80,176.00	9,16,272.00	9,16,272.00	1,02,12,720.00

	C+D))				
F	Total CAPEX Expenditure (C+D+E)	9,21,81,936.00	1,00,78,992.00	1,00,78,992.00	11,23,39,920.00

B. Estimated OPEX

The estimated Operational Expenditure (OPEX) for operation and maintenance of the proposed Call Centre for the period FY 2026-27 to FY 2028-29 includes recurring expenses towards rent, security, gardening and allied facility management services, procurement and renewal of Anti-Virus/EDR software and EPABX infrastructure comprising SIP channels along with PRI SIP line rental for three years. Accordingly, the total recurring operational expenditure for smooth functioning and maintenance of the Call Centre over the aforesaid period is detailed as under:

(Amount in Rs.)

OPEX					
SN	Item Description	2026-27	2027-28	2028-29	Total
A	Non-IT (Civil etc) Items				
1	Rent, Security, Gardening services etc	2,07,75,036.00	2,07,75,036.00	2,07,75,036.00	6,23,25,108.00
B	IT Items				
1	Anti/EDR Software	20,00,000.00	20,00,000.00	20,00,000.00	60,00,000.00
	(Server +Client)				
2	EPABX along with SIP line rental for 3 years.	70,80,000.00	70,80,000.00	70,80,000.00	2,12,40,000.00
C	Total – IT OPEX	90,80,000.00	90,80,000.00	90,80,000.00	2,72,40,000.00
D	Misc 5%	4,54,000.00	4,54,000.00	4,54,000.00	13,62,000.00
E	RISL Service Charge (10% on (Si No C+D))	9,53,400.00	9,53,400.00	9,53,400.00	28,60,200.00
F	Total CAPEX Expenditure (C+D+E)	3,12,62,436.00	3,12,62,436.00	3,12,62,436.00	9,37,87,308.00

C. Summarized Financial Implication

(Rs. in lakh)

S.No.	Particulars	2026-27	2027-28	2028-29	Total
A	Estimated CAPEX	921.82	100.79	100.79	1,123.40
B	Estimated OPEX	312.62	312.62	312.62	937.86
C	Total Cost (A+B)	1,234.44	413.41	413.41	2,061.26

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

As the estimated cost of the project proposal is including Non IT/ e-Governance components; following table(s) contains estimated cost of IT/ e-Governance components:

(Amount in Rs.)

CAPEX					
SN	Item Description	2026-27	2027-28	2028-29	Total
B	IT Items				
1	Data Centre Component with Calling software licenses	3,81,36,000.00	47,67,000.00	47,67,000.00	4,76,70,000.00
2	IP Phone (200 Small Display Ip Phone + 20 Large Display with camera Colored IP Phone)	31,20,000.00	3,90,000.00	3,90,000.00	39,00,000.00
3	Work Station with 1 monitor with Headphone and Mic	1,79,52,000.00	22,44,000.00	22,44,000.00	2,24,40,000.00
4	Camera with NVR & Storage	3,60,000.00	45,000.00	45,000.00	4,50,000.00
5	Networking with Edge Equipment and Patch chords	1323200	165400	165400	16,54,000.00
C	Total - IT Capex	6,08,91,200.00	76,11,400.00	76,11,400.00	7,61,14,000.00
D	Misc. 5%	30,44,560.00	3,80,570.00	3,80,570.00	38,05,700.00
E	Total (C+D)	6,39,35,760.00	79,91,970.00	79,91,970.00	7,99,19,700.00
F	RISL Service Charge (10% of E)	63,93,576.00	7,99,197.00	7,99,197.00	79,91,970.00
	Total CAPEX Expenditure (E+F)	7,03,29,336.00	87,91,167.00	87,91,167.00	8,79,11,670.00

OPEX					(Amount in Rs.)
S No	Item Description	2026-27	2027-28	2028-29	Total
B	IT Items				
1	Anti/EDR Software	20,00,000.00	20,00,000.00	20,00,000.00	60,00,000.00

	(Server +Client)				
2	EPABX along with SIP line rental for 3 years.	70,80,000.00	70,80,000.00	70,80,000.00	2,12,40,000.00
C	Total – IT OPEX	90,80,000.00	90,80,000.00	90,80,000.00	2,72,40,000.00
D	Misc 5%	4,54,000.00	4,54,000.00	4,54,000.00	13,62,000.00
E	Total (C+D)	95,34,000.00	95,34,000.00	95,34,000.00	2,86,02,000.00
F	RISL Service Charge (10% of E)	9,53,400.00	9,53,400.00	9,53,400.00	28,60,200.00
	Total OPEX Expenditure (E+F)	1,04,87,400.00	1,04,87,400.00	1,04,87,400.00	3,14,62,200.00

A. Summarized Financial Implication (in lakh) for IT/ e-Governance Components:

(Rs. in Lakh)

S.No.	Particulars	2026-27	2027-28	2028-29	Total
A	Estimated CAPEX	703.29	87.91	87.91	879.11
B	Estimated OPEX	104.87	104.87	104.87	314.62
C	Total Cost (A+B)	808.16	192.78	192.78	1193.73

Fund Management:

Expenditure would be met from the budget provided by Department of Economics & Statistics (DES), Rajasthan.

The Committee accords technical approval on the proposal (for IT/ e-Governance components only) having estimated cost of Rs. 1193.73 Lakh.

4. Project : Procurement of SMS services under e-Sanchar Project (DoIT&C)

1. Project Summary :

- Government of Rajasthan has been dedicated to implement a transparent and accountable governance and with this intention Rajasthan has become one of the pioneer states in implementing lots of innovative solutions for the benefit of citizens.
- In its bid to increase its reach to the citizens, Rajasthan Government intends to leverage the benefits of ICT and implement state of the art solution to enhance the effectiveness of various schemes launched.
- A number of G2C and G2G e-Governance Applications and Services are notifying their users for various alerts, information, confirmations through SMS services on their mobile phones. Apart from this, large numbers of applications are authenticating their users for a number of service requests through OTPs.
- To fulfil the above requirement, the State Government has implemented a unified communication gateway for all departments, under the project, named "eSanchar" for sending SMS and OTP messages which is being utilized as a service by various ongoing and upcoming projects to provide a channel of G2C communications. This project has been implemented under the aegis of RajCOMP Info Services Ltd.

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

- The department now aims to procure SMS services from the SMS providers to engage with the above project to bridging the gap between the citizen and government.

2. Background

- Under e-Sanchar project an order no.F4.3(564)/RISL/Tech/2023/4764 dated 04.01.2024 amounting Rs.8,70,84,048/-, was awarded to M/s Route Mobile Ltd. for procurement of 300,00,00,000 nos. of SMS at TRAI exempted and 30,00,00,000 nos. of SMS as TRAI non-exempted along with other services and O&M.
- The period of O&M was three years, which shall expire by 04.01.2027.
- As a consequence of early consumption of 300,00,00,000 SMS, a repeat order of even no. dated 19.11.2025 was placed for additional procurement of 150,00,00,000 nos. of SMS (50% of the original quantity).
- Out of the additional SMS, only about 75,00,00,000 SMS are remaining for use, which may last for about 5-6 months depending upon the bulk SMS campaigns.
- The SMS service under eSanchar gateway project is a critical service and a lot of other applications of state government department and PSUs depend on this to run on regular basis.
- In view of the above a fresh tender needs to be floated for procurement of SMS and other services. Proposal of procurement of 500,00,00,000 nos. of SMS and other services has been prepared amounting to Rs.1187.66 Lacs.
- As per copy of ledger received from RISL placed at Annexure-'A', an amount of Rs.1432.97 Lacs is available under e-Sanchar project. Bills amounting to Rs.233.28 Lacs have been received for payment and an estimated expenditure of Rs.452.87 Lacs is expected in the C.F.Y. 2026-27. The total estimated expenditure in C.F.Y. is Rs. 686.15 Lacs. Thus the remaining balance for utilisation under the e-Sanchar project in RISL is estimated to be Rs.686.15 Lacs.
- Under the current proposal for procurement of SMS and other services through fresh tender, the estimated cost of procurement is Rs.800.00 Lacs, which is spread over a period of 2 years. The remaining amount in RISL for utilisation after deducting the liabilities is Rs.746.82 Lacs.
- Sufficient funds are available in RISL for the current FY and for next year, we may put up for approval of budget from Finance Department in R.E./ B.E. of 2026-27.

3. Details of earlier SeMT approvals

The project has been approved by SeMT earlier four times, details of which are as follows:

(Rs. in Lakh)

S.N.	SeMT No./ Year and Date	Amount Approved	Category of work
1.	61 st (2016-17) dated 21/07/2016	4122.63	Unified Communication Gateway (eSanchar)
2.	80 th (2020-21)dated 01/10/2020	1113.63	Extension of Unified Communication Gateway (e-Sanchar)
3.	86 th (2021-22) dated 19/07/2021	712.36	Implementation of e-Sanchar 3.0
4.	96 th (2023-24) dated 1107-2023	1496.34	Procurement of Additional SMS under e-Sanchar Project

4. Duration

The Project duration shall be of 2 years and would be extendable up to 50% of the project value as per rules.

5. Scope of Work (SoW)

4.1. Details of work (SoW)

RISL will procure SMS services from the successful bidder(s) for the provisioning of SMS services for the project for a period of two (2) Years from the date of commissioning of the project with which may be further extended by 50% as per rules on the same terms and conditions based upon the requirement and performance. The broad scope of the work is as follows –

4.1.1. PUSH SMS:

- A Push SMS Service need to be provided for the project e-sachar3.0/ 2.0 deployed by RISL.
- It should be able to send a PUSH SMS message to any mobile number through-out the country.
- Estimated number of monthly transactions for PUSH SMS would be 12 to 15 crore (Twelve to Fifteen Crores) approximately.
- PUSH SMS messages would be of type: Transactional.
- For Transactional PUSH SMS, the sender ids to be used could be of both types: TRAI Exempted and TRAI Non-Exempted.
- An HTTP/ HTTPS based PUSH SMS API shall be provided by bidder firm for the integration. These APIs shall be platform independent and should be able to integrate with applications built upon different technologies.
- System should allow to create a number of user accounts. These user accounts would be used to send message requests from various entities at user application end.
- Separate accounts shall be created for OTP messages as well. These accounts should be supported by high-speed delivery channels in backend at bidder end.
- System should allow a quota management system where a fix number of quota can be allocated to the user accounts. This quota should be extendable so that additional quota can be added if required.
- The API should have the provision to specify the user account details so that the separation of the traffic could be recorded.
- On each call, the API should return a unique acknowledgement/ transaction reference number back to the application.
- The system should have a feature for delivery of SMS delivery report back to the application through an API. The delivery report data should also contain the unique acknowledgement/ transaction reference number for the requests which delivery report meant for.

4.1.2. PULL SMS:

- A PULL SMS Service need to be provided by the bidder to RISL.
- For PULL SMS service, one or more PULL SMS Long Codes/VMN Numbers shall be provided by the bidder in the name of RISL accordingly. The Long Codes/VMN Numbers shall be in the name of RISL.
- For PULL SMS Long Code(s), the Keyword creation shall also be done by the bidder as and when required.

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

- Under a PULL SMS Keyword, it should be allowed to create unlimited number of Sub-Keywords. No additional cost should be bounded for this sub-keyword creation.
- Bidder need to integrate the PULL SMS Service with the API provided by RISL accordingly.
- For all PULL SMS requests for the system, the cost of rentals/transactions shall be borne by the requester/consumer as per his/her SMS service subscription plan. No charges shall be paid by RISL for this.

4.1.3. SMS Monitoring cum Command Tool

- Bidder shall provision a web based secured interface to monitor the SMS traffic for various accounts created and to send/schedule messages in bulk.
- It should allow to create a number of accounts that can have restricted access for various features based upon the account profile.
- This interface should allow the user to search the SMS records based upon the message content(partial) in language neutral manner, mobile number, submission/delivery date/time range, status etc.
- This interface should allow to send messages in bulk using files in formats msxls(x)/txt/csv etc.
- This interface should allow to see reports for the messages sent using various criteria and to download the reports in ms-xlsx/pdf/csv formats as well.
- This interface should allow to create/update/deactivate the new/existing user accounts through some administrator account.

4.1.4. Pre-Implementation: Study of current architecture of the application esachar 3.0/2.0

The Service Provider (SP) shall perform an in-depth study of the technical architecture of the project e-sachar3.0/2.0.

4.1.5. Configuration, System Integration and commissioning of SMS services:

SP shall configure and provide necessary APIs for integrating with the application e-sachar3.0/2.0. The SP shall provide all technical and functional support to RISL for integrating and enabling the application with SMS services. The SP shall also deploy additional hardware and software resources required, if any, for successful implementation of SMS services.

The SP shall also assist RISL in the following:

- System integration and go live of the API integrations.
- Rectification of reported errors
- Post successful provisioning, testing and rectification of the errors reported, the SMS services shall be declared as Go-Live

4.1.6. Post Implementation: Operations and Maintenance

Post-implementation Operation and Maintenance shall start for a period of two (2) years from the "Date of Commissioning" of the project. This period shall be subjected to be extended as per provisions of RTPP Act, 2012 and Rules, 2013.

During this period, the SP shall execute the following tasks: -

- (a) Deployment of Manpower: The SP shall deploy Technical Support Team of 1 member for SMS services from 10:00 a.m. to 8:00 p.m. for fault rectification,

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

fine tuning, configuration/ re-configuration of the proposed systems accordingly.

The Technical Support team shall be stationed at RISL:

S. No.	Designation	Numbers
1.	Software Engineer	1

The resource deployed should be qualified having degree of BE/ B.Tech./ BCA/ MCA or equivalent. He/ She should have enough technical capabilities to resolve the issues quickly. Sitting arrangement shall be made by RISL. The computer system may be made available by RISL but it is recommended that he/ she should carry a laptop.

(b) Shall designate a single point of contact (available remotely and not necessarily in the location premises) equipped with all the required tools/ resources, for handling day-to-day issues/ problems/ monitoring of the services. The SP's support person/ team shall remain readily available to the RISL support team on phone/ email and shall be readily available in person to the premises when required. However, looking to criticality of the services at times, RISL may ask the SP's support person/ team to be available on holidays/ beyond office hours. SP shall be required to immediately provide a replacement support person; in case the deputed person is on leave due to any reasons.

(c) Shall proactively monitor the services and ensure desired up-time and performance as per agreed SLA.

 (d) In the event of a service outage or any other issues, the RISL team will intimate the SP through phone/ email about the issues and the SP shall raise a ticket with a copy of same through email to designated officer(s) of respective office and make best efforts to perform timely fault management of respective services(s). After resolution of the problem, the ticket shall be closed with the written intimation (email) of same to the all the designated officer(s). This should include the problem information and the resolution mechanism/ steps taken by SP to restore the respective services(s).

(e) The SP shall provide transactional reports via CSV log files for every SMS transaction carried out to the RISL team. Quarterly Payments shall be linked to the verification of successful transactions as validated in the transactional reports.

4.1.7. The bidder shall provide following as Bill of Quantity under the project:

S. No.	Component	Qty. (in Numbers)
1.	Push SMS: Transactional - TRAI Exempted Sender Id	3,00,00,00,000
2.	Push SMS: Transactional - Non-TRAI Exempted Sender Id	20,00,00,000
3.	DLT Scrubbing Charges for messages from Non-TRAI Exempted Sender Id	1
4.	PULL SMS Long Code Creation	1
5.	PULL SMS Keyword Creation	1
6.	Monthly recurring cost for PULL SMS Long Code	24
7.	Annual Operations and Maintenance for SMS Service	2 years

6. Stakeholders

The Stakeholders of the project are:

1. State Government
2. Department of Information Technology and Communications
3. RajCOMP Info Services Ltd.
4. Citizens
5. eSanchar 3.0 implementation Team

7. Mode of Execution

Open competitive bidding.

8. Project Implementing Agency

RajCOMP Info Services Ltd. (RISL)

8. Financial Implication/ Estimated project cost:

(Amount in Rs.)

Sl. No.	Item Description	Quantity	Units	Unit Rate including all incidental charges but excluding GST (as applicable)	GST Amount @ 18% (in INR)	Total amount including GST (as applicable)
A	B	C	D	E	F=18% of E (Rounded Off to 4 Decimals)	G=(E+F)*C
1.	PUSH SMS: Transactional - TRAI Exempted Sender Id	3,00,00,00,000	Nos	0.0171	0.0031	6,06,00,000.00
2.	PUSH SMS: Transactional - Non-TRAI Exempted Sender Id	20,00,00,000	Nos	0.075	0.0135	1,77,00,000.00
3.	DLT Scrubbing Charges for	1	Nos	0	0.0000	0.00

	messages from Non-TRAI Exempted Sender Id					
4.	PULL SMS Long Code Creation	1	Nos	1	0.1800	1.18
5.	PULL SMS Keyword Creation	1	Nos	1	0.1800	1.18
6.	Monthly recurring cost for PULL SMS Long Code	24	Nos	1	0.1800	28.32
7.	Annual Operations and Maintenance for SMS Service	2	Nos	1	0.1800	2.36
Total Amount (in Figures) (INR)					7,83,00,033.04	
Round off to (Estimated Tender Value)					8,00,00,000/-	

10. Integration with State APIs

Application/ Portals	Purpose of Integration
RajSSO	Authenticate users to give access to various stack holders of E-Sanchar service.
Raj Sewa Dwaar	To host API services from where various stack holders can subscribe E-Sanchar service.
RajMail	To provide E-Mail service to various stack holders of ESanchar service.

11. Fund Management

As per status of fund, the amount of about Rs.14,32,97,825.02 is available in RISL under project E-Sanchar as on 15th May, 2026.

The Committee accords technical approval on the proposal having estimated cost of Rs. 800.00 Lakh.

5. Project : **Renewal of State Recruitment Portal of Government of Rajasthan (DoIT&C/ RISL)**

Project Background:

- The State Recruitment Portal is a centralized digital platform that streamlines end-to-end recruitment processes for both departments and candidates.
- On the department side, it enables configuration and management of activities such as application forms, corrections, admit cards, results, scrutiny, objections, and application withdrawal through standardized workflows. It supports secure integrations for identity verification, document validation, and online fee processing, ensuring transparency and compliance.
- On the candidate side, the portal provides a single interface for registration, profile management (OTR), application submission, status tracking, and access to all recruitment notifications. It reduces repetitive data entry, improves accessibility, and offers support through FAQs, helpdesks, and guided instructions, ensuring a seamless and user-friendly experience.

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

Main Features of the Project:

- End-to-End Recruitment Automation Module
- Single Sign-On (SSO) Integration Module
- One-Time Registration (OTR) & e-KYC Module
- Online Document Verification (ODV)
- OMR Sheet Download
- Secure Authentication & Verification Module
- Integration with Third Party Applications

Previous SeMT Approval Details:

The Project was approved in 57th meeting of SeMT dated 22-06-2015 vide No. F5(882)/DoIT/Tech/15/I/33703/2015 with cost of Rs. 769.46 Lakh.

S. No.	Description of Work	Qty.	Estimated Cost (incl. of all taxes, levies and duties applicable incl. CST but excl. RVAT and Service Tax)
1	End to End Examination/Proposed Solution/Platform with required Enterprise unlimited License to run the application with Examination/Web Server (S/w) and Database server (S/w)	As per licensing policy	6,93,52,131.00
2	Cost of customization for each exam as per the department's requirement (Assuming 50 Exams in the period of two years)	50 Nos.	
3	Blade Chassis	1 Nos.	
4	Application/Web Server Blade	1 Nos.	
5	Database Server Blade	2 Nos.	
6	Cost of development & maintenance of Website of RSSB	1 Nos.	
A	Total Cost (In Figures)		6,93,52,131.00
7	Contingency Cost (2% of the Total Cost A)		13,87,043
B	Total Expected Expenditure to be incurred on your behalf		7,07,39,174.00
8	RajCOMP Info Services Ltd.'s approved service charges on B - Rs. 54,44,350.00		
9	Service Tax @ 14% on sno. 8 - Rs. 7,62,209.00		62,06,559.00
C	Total RISL Service Charges (In Rs.)		62,06,559.00
D	Total estimated amount required under the project (B+C)		7,69,45,733.00

Rupees Seven crores Sixty-nine lacs forty five thousand seven hundred thirty three only

The total Cost of project (at S.no. D) is estimated as the cost at S. No. 1 to 6 is exclusive of Rajasthan VAT and Service Tax- as applicable. Contingency Cost and RISL charges shall be recalculated after applying taxes at the time of final invoices. Service Tax as applicable at the time of final invoice.

Work Order details (Expenditure Details)

Project Proposal for renewal of State Recruitment Portal:

S. No.	Work order No. Date and	firm Name	Duration	Amount (In Rs.)
1	3094 dated 31-07-2015	M/s Akal Information Systems Ltd.	From 31.07.2015	2,67,562
2	7295 dated 01-02-2016	M/s Akal Information Systems Ltd.	From 01.02.2016	2,17,000
3	1472 dated 11.05.2018	M/s Akal Information Systems Ltd.	01.06.2018 to 31.05.2020	1,84,33,488
4	5202 dated 10-09-2018	M/s Akal Information Systems Ltd.	From 01.09.2018	39,73,579
5	8334 dated 29.05.2020	M/s Akal Information Systems Ltd.	01.06.2020 to 31.08.2020	31,05,642
6	100093 dated 20.08.2020	M/s Akal Information Systems Ltd.	01.09.2020 to 30.11.2020	23,04,186
7	1203 dated 14.06.2021	M/s E Connect Solutions Pvt. Ltd.	21.06.2021 to 20.06.2026	4,15,42,557
Total				6,98,44,014

RISL intends to enter a contract for a maximum period of 6 Years (1 Year Development & 5 Years FMS) with professional and competent IT firms Upgradation, Customization, Testing, Implementation & Maintenance of Application Software for Rajasthan Recruitment Portal.

Scope of Work (SoW):

- A.** FMS of the Recruitment 1.0 Project
- B.** Design, Development of Recruitment 2.0 using Micro Service Architecture
 - 1.** Covering all the modules of Recruitment 1.0
 - 2.** Development of New Modules
- C.** Development of Websites for Recruiting Agencies.
- D.** Development of mobile application
- E.** Data Migration from Recruitment 1.0
- F.** Artificial Intelligence & Automation Features

A. FMS of Recruitment 1.0 Project

Existing features for Candidates in State Recruitment portal

1. Candidate login and Dashboard
2. One Time Registration (OTR)
 - o e-KYC of candidate
 - o Document Details
 - o OTR edit
 - o Fetch Application form
 - o OTR History
 - o OTR/ Application Form Migration Status

3. Apply online for new recruitment
 - Filled Application Form Record
 - Edit of Application form
 - Apply for Withdrawal of Application Form
 - Check Exam District Details (know Your District)
 - Locate Exam centre
 - Download Admit card
 - Marks Download Option
 - Apply for Detailed Form cum Scrutiny Process
 - Get OMR Feature
 - Check list (View Summary of Application Form)
 - Apply for Question Objection
 - Exam Attendance Status
4. Payment for offline Service
5. FAQs/ User Manual
6. Refund of Fees
7. Penalty Option for Absent Exam

Existing features for Recruiting Agencies in State Recruitment portal

1. Edit Configuration for candidate side in One-Time Registration (OTR)
2. De-duplication of OTR
3. Application Form Configuration
 - Edit Application Configuration
 - Withdrawal of Application Configuration
 - Roll Number Generation
 - Exam District Live Configuration
 - Admit Card Live Configuration
 - Question Objection Module Configuration
 - Marks Publication (Marks Live) Configuration
 - Detailed Form cum Scrutiny Process Configuration
 - Online Document Verification
 - Interview Process & Candidate Verification
 - Offline Module for addition of candidates filling examination through Court cases
4. Exam Expense Bill Generation
5. Reconciliation Process
6. Fee Refund Process
7. Penalty Module - Upload Absentee Record of Candidate
8. OMR Configuration

B. Design, Development of Recruitment 2.0 using Micro Service Architecture

The Recruitment Portal 2.0 includes Design, Development of Recruitment 2.0 using Micro Service Architecture

1. Covering all the modules of Recruitment 1.0
2. Development of New Modules

Apart from the existing modules, following additional modules are to be designed and developed by the selected bidder to enhance and extend the portal's capabilities.

- Key Validation Module
- Third party Payment Module
- Payment and Finance Management System
- Document Storage and Retrieval Module (DMS)
- Result Preparation Module
- Investigation and Vigilance Module
- Question Bank Development System (QBDS)
- Court Case & Litigation Management Module
- Digital Appointment Letters
- Photo Matching & Biometric Verification / Face recognition attendance system
- Mobile Application for Citizen, Candidates, Recruiting Agency
- Helpdesk Management
- Dashboard/ MIS Reports (Data Analytics)
- Social Media Integration like: - What's App Feedback, automated questionnaire etc
- Dynamic Screen
- Dynamic Report
- Messaging System (Notifications)

C. DEVELOPMENT OF WEB SITES FOR RECRUITING AGENCIES

The scope of the project also includes design, development and maintenance of websites for the following:

- a. Rajasthan Staff Selection Board (RSSB)
- b. Recruitment Portal
- c. Common Admin Portal for Websites.

D. DEVELOPMENT OF MOBILE APPLICATION

The bidder shall design, develop, deploy and maintain the Mobile application for the modules of Recruitment 2.0. The bidder shall also resolve all issues/ bugs reported in the Mobile App(s) developed. App should be compatible to iOS and Android platform on all the available devices in marketed supported by the android play store and iOS. The UI should be responsive for all the devices.

The mobile app shall be developed in Hindi & English for citizen centric information.

The mobile app shall be developed covering the modules related to the following type of users:

- (a) Citizen
- (b) Candidates / Job Aspirant

(c) Recruiting Agency

Mobile application under the scope requires the following features as well

1. Aadhaar Biometric authentication module mobile app shall be developed for face and finger matching features of candidate for multiple level
 - a. Exam day
 - b. Physical examination
 - c. Interview day
 - d. Scrutiny Day.
2. Biometric Authentication module mobile app shall be developed for face/finger capture photo and matching features with previous recorded photo/finger of candidate in multiple stages of examination
 - a. Exam day
 - b. Physical examination
 - c. Interview day
 - d. Scrutiny Day or other phase of examination.
3. This mobile app shall allow centre superintendents to fill, submit, and manage examination-day reports including candidate statistics, question paper/OMR details, and unfair means cases.

The Mobile App will also be used for investigation and Vigilance

E. Data Migration from Recruitment 1.0

SI will be responsible to migrate complete data from the existing database of Recruitment 1.0 and should utilize the migrated data, without altering, for further development, report creation, etc. In addition, SI should take an appropriate methodology for entering the new data into the migrated data, which may also require manual record entry, insertion of records (data) using excel sheets etc. SI shall also ensure correctness of the digitized records / data in the master database, which may be verified further by Recruiting Agencies for its sanctity, whenever required.

F. Artificial Intelligence & Automation Features

Followings are some of the features which are to be developed in Recruitment 2.0

1. Using Artificial Intelligence:

- Attendance at the Center, Interview, Physical Test, Training, Appointment – Finger print, use of AI-based Photo Matching / Biometric Verification / face recognition attendance system for strong candidate authentication
- Handwriting verification matching using OMR Sheet scanning of Top Two handwritten lines
- App which can run on Mobile and TAB for verification of the Candidate at the Examination Center. Photo Capture and verify the Aadhar Card, Photo, Video
- AI-based investigation and fraud detection to identify fake, manipulated, and forged documents preventing recruitment fraud
- AI-powered Chatbot and centralized helpdesk for technical support, recruitment guidance, and query resolution 24/7

- OCR Technology to automatically scan marksheets and extract candidate marks for metadata storage, reducing manual entry
- API-based integration with DigiLocker, Pehchaan, and other government portals for direct fetching of authentic verified documents

2. Blockchain-Based Recruitment Integrity & Fraud Prevention:

- Blockchain Technology for secure, tamper-proof storage of OTR details, verified documents, and recruitment records with full audit trail
- Tamper-Proof Applications: Secure application submission, edits, and withdrawals through blockchain-based transaction records.
- QR-Based Verification: Enable instant verification of Admit Cards, Results, and Certificates through blockchain-backed QR codes.

3. Data Analytics

- Advanced Dashboard and MIS Reporting using Data Analytics for improved decision-making and recruitment monitoring
- A centralized analytics engine should be implemented for monitoring and decision-making.
- Recruitment analytics dashboards
- Real-time application statistics
- District-wise participation reports
- AI-based trend analysis

Financial Implication:

Estimated Cost for 6 Years (1-year Development and 5 years FMS)

S. No.	Description of Work	Estimated Cost (In Rs.)
1	FMS of Recruitment Portal 1.0 (1 Year)	1,20,00,000.00
	Development of Recruitment Portal 2.0 (1 Year) (Parallel to FMS of Recruitment Portal 1.0)	7,50,00,000.00
	FMS of Recruitment Portal 2.0 (5 Years (1.5 cr/Year))	7,50,00,000.00
A	Total Cost (In Figures)	16,20,00,000.00
2	Contingency Cost (2% of the Total Cost A)	32,40,000.00
B	Total Expected Expenditure to be incurred on your behalf	16,52,40,000.00
3	RajCOMP Info Services Ltd.'s approved service charges on B	1,65,24,000.00
4	GST @ 18% on s no. 3	29,74,320.00
C	Total RISL Service charges (In Rs.)	1,94,98,320.00
D	Total estimated amount required under the project (B+C)	18,47,38,320.00
Total (Say Rs. in Lakh)		1847.38

The total Cost of project is inclusive of GST. Contingency Cost and RISL charges shall be recalculated after applying taxes at the time of final invoices. Service Tax as applicable at the time of final invoice.

Fund Management:

The expenditure is proposed to be met from income from recruiting agencies such as RPSC, RSSB and other recruiting departments.

The Committee deferred the project proposal with direction to re-study the requirements and cost of the proposal.

6. Project : Hiring of 15 IT expert manpower services for IT-PMU (RSHAA)

Rajasthan State Health Assurance Agency (RSHAA) has engaged NICSI Empanelled agency (from 18 Aug 2025 to 31st March 2026) a IT Project Management Unit to develop a new application TMS 2.0 on payer provider and micro services architecture, aimed at ensuring smooth operations of the scheme, incorporating best practices from across States in phase-1 which may go live from 1st April 2026, provided complete and active support from the stakeholders (NHA, NIA, TPA, Hospitals, Janaadhaar, Aadhaar, DOITC). The new application leverages advanced technologies for faster claims processing, is compliant with ABDM M1, M2 and NHCX standards, and integrates Jan Aadhaar 2.0, Aadhaar, HEM implementations.

RSHAA has prepared two proposals for the next phase commencing from 1st April 2026 onwards, which include the following:

- 1. Operation & Maintenance:** Operation and maintenance of TMS 2.0 developed application for a period of one year i.e. 01-04-2026 to 31-03-2027 to ensure stability, security, and uninterrupted service delivery to the citizen of Rajasthan.
- 2. Development of additional functionality in modules:** additional features in module as identified by the RSHAA to add on in the newly developed TMS 2.0 application platform to maintain data continuity, enhance functionality, reduce operational complexity and future ready operations for a period of One years, i.e. 01-04-2026 to 31-03-2027.

Finance Department vide ID No. 152600881 dated 31.03.2026 and ID No. 152601063 dated 14.05.2026, accorded approval for engagement of 15 IT expert manpower resources.

Financial Implication:

The estimated cost of project proposal is Rs. 470 Lakh for hiring of 15 expert manpower resources.

#	Category	Experience	Period	Resource	RFSDL Per Month Rate	Cost in Rs.
1	TMS2.0, Maintenance /Enhancement, statewide roll-out and data migration from TMS 1.0 to TMS 2.0	6-10 years	01-04-2026 to 31-03-2027	02	3,20,000	76,80,000
		3-6 Years		02	2,70,000	64,80,000
		3-6 Years	01-07-2026 to 31-12-2026	01	2,70,000	16,20,000
2	New Development like Anti-Fraud framework, MAA-Y Dashboard, Chatbot, WhatsApp Integration, Package Management framework, User Management Module, IVRS Implementation, Development of API Set for external HMIS	6-10 years	01-07-2026 to 31-03-2027	02	3,20,000	57,60,000
		3-6 Years		03	2,70,000	72,90,000
		3-6 Years	01-07-2026 to 31-12-2026	01	2,70,000	16,20,000

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

	Integration					
3	Phase wise migration/Closure of TMS 1.0 transaction, support and enhancement to TMS 2.0	6-10 years	01-07-2026 to 31-12-2026	02	3,20,000	38,40,000
		3-6 Years		02	2,70,000	32,40,000
	Total			15		3,75,30,00
	Add (Processing Fees @6%)					22,51,800
	Sub Total					3,97,81,800
	Add (GST @18%)					71,60,724
	Total Expenditure (including taxes)					4,69,42,524
	Total (Say Rs. in Lakh)					4,69.43

Manpower profile details:

TMS 2.0 Roll out, Operation & Management			
S.No.	Profile/ Role	Resources Experience	Count
1	Team Lead Techno-Functional Expert	6-10 years	1
2	Java Developer Development + Deployment	3-6 years	3
3	Database Expert	6-10 years	1
	Total		5
New Development in MAA Yojana			
1	AI/ ML Expert	6-10 years	1
2	Forensic & Integrity Specialist	3-6 years	1
3	Forensic AI & Data Analytics Specialist	3-6 years	1
4	Full Stack Developer Development + Deployment	6-10 years	1
5	Full Stack Developer Development + Deployment	3-6 years	1
6	Dashboard Developer/ BI Expert	3-6 years	1
	Total		6
TMS 1.0 Phase wise Closure, Operation & Maintenance			
1	Team Lead Techno-Functional Expert	6-10 ears	1
2	Java Developer (Development + Deployment)	3-6 years	2
3	Database Expert	6-10 ears	1
	Total		4

Fund Management:

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

The Committee advised to:

1. Adopt integrated approach for hiring domain experts/ specialists to reduce the manpower in the project.
2. Hiring AI/ML experts or specialists will be on the basis of qualifications and certifications instead of experience as the Artificial Intelligence is a new technology.
3. Migrate the data from TMS 1.0 to TMS 2.0 with in stipulated time.

The Committee accords technical approval on the proposal having estimated cost of Rs. 469.43 Lakh.

7. Project : Vehicle Location Tracking System (VLTS) (Food & Supplies Department)

Approval of PeMT (Project e-Governance Mission Team): The meeting of the Project e-Governance Mission Team (PeMT) was held on 21.05.2025. After detailed discussion and review, the project proposal was approved by the PeMT.

Project Summary: The Government of India has issued directions for installation of a GPSbased Vehicle Location Tracking System (VLTS) in all vehicles used for transportation of food grains under the Public Distribution System (PDS) in the State of Rajasthan, with the objective of ensuring transparency, efficiency, and effective monitoring in food grain transportation.

Further, as per Budget Announcement 2026-27, Point No. 142(5), the State Government has also announced implementation of a GPS-based tracking system for vehicles engaged in the distribution of government wheat in order to make the distribution system more transparent.

The primary objective of the project is to ensure transparency, efficiency, and effective monitoring in transportation of food grains under the Public Distribution System (PDS) through implementation of a GPS-based Vehicle Location Tracking System (VLTS). The project will enable real-time tracking of vehicles, route monitoring, and automated alerts to prevent diversion of food grains.

The project will strengthen monitoring and accountability in the PDS supply chain, improve operational efficiency, and ensure timely delivery of food grains to beneficiaries. It will also enhance transparency in the distribution system and improve public trust in government service delivery.

Duration - The duration of the initial project implementation is proposed to be 12 months.

The project timelines/phases are as follows:

- **Phase-I (Pilot Implementation):** 03 months
Development, Customisation and Implementation of the VLTS system in selected depots along with software customization, testing, installation on production environment and live pilot rollout.
- **Phase-II (State-wide Rollout):** Next 03 months
Rollout of the VLTS system across all the depots in the State and vehicles engaged in transportation of food grains under PDS.
- **Stabilization & Technical Support Period:** Next 6 months
Post-implementation support, monitoring, enhancements, training, and system stabilization.
- **Post Implementation Support & Maintenance:** Next 04 years on mutual agreement of department and NIC. Continued maintenance, upgrades, hosting support, security audit, and operational support as per approved project provisions.

Scope of Work (SoW):

Proposed Solution:

The proposed Vehicle Location Tracking (VLT) solution of NIC will help Food & Civil Supplies to track in online mode the Trucks carrying commodities from one location to another location within State, through GPRS devices and GIS technology. This solution will have two software components of (1) Web portal and (2) Mobile App to achieve the above objective.

The VLT system at implementation level has two major components as below:

a. VLT Devices fitment into Vehicles

The VLT Device will monitor parameters of running condition of Vehicle where it is fitted. The device captures around 45 parameters like engine on or off, location in Geo coordinates, battery condition, speed, acceleration, turning mode, etc. The device will also look out for Alerts raised by driver by pressing Panic button provided in device, in case of emergencies like accident, disasters due to flood, landslide etc. The Device can be preconfigured to send collected data at predefined time intervals to central Application Server.

The VLTD will be fitted in Vehicles by Owners as a one-time effort and will meet specifications of AIS 140. The device will collect data on Vehicle parameters, as mentioned above, at regular time intervals and transmit it to Server. The device will transmit to Server whenever any alerts are raised.

b. Central Web application:

The central application will receive the data from VLT Devices in vehicles, analyze them and take appropriate action, as per pre-defined procedures.

A Standard Operating Procedure (SOP) shall be defined for handling alerts. The Food & Civil Supplies officials monitoring the dashboards will be able to access the system in online mode, monitor and act as per procedures. The actionable alerts shall be filtered and handled as per SOP. The VLT software will process the data at the central server and display it in textual and graphical format to Users (Food officers, Contractors and other stake holders).

Features of VLT solution:

The VLT application software is designed and developed completely by NIC, with in-house resources. The key features of solution are listed as follows:

- a. As per code of practices of AIS 140 standards.
- b. Software to capture data from VLT Devices fitted in Vehicles.
- c. Integration with national level software Systems of NIC in Transport sector of the following:
 - i. Vahan
 - ii. VLTD Maker
- d. Regular health check of VLT devices.
- e. Integration of GIS Maps with Textual data.
- f. Display diversion alerts automatically on central application in Textual and Map formats
- g. Real-time tracking of vehicles and playback of trips from history.

- h. Send different alerts to stakeholders through dashboard, SMS etc.
- i. Users and roles management from Headquarters to depot/FPS level.
- j. Hierarchy wise reporting and dashboard for decision making.
- k. Route management

The **real-time tracking facility** has the following features:

- a. Enable Users to track the location of vehicles on Map
- b. Get Status information about vehicles on various parameters
- c. Clustered view of vehicles
- d. Mobile application for real time tracking for Users and stack holders
- e. Search and track online location details of vehicles on Map
- f. View information on vehicle health based on set of parameters
- g. Displaying the current location of the vehicle in real time
- h. Trip View displays the route taken by the Vehicle earlier, through Playback option.
- i. Display and monitor emergency alerts when Panic Button is pressed
- j. Display and monitor other Alerts (like VLTD tampering, etc.)

Components:

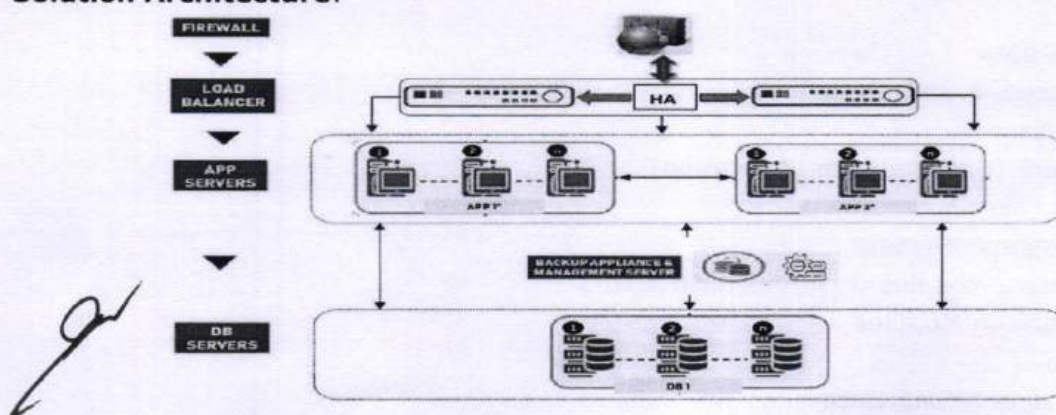
The following is an indicative list of works covered under the project scope. Details of each work are indicated in the relevant sections of this proposal:

- a. Fitment of AIS 140 compliant VLT Devices in Vehicles - By Transporters. The devices will send data of crucial parameters of the running condition of vehicle at predefined time intervals to central web application
- b. Customization & Value Addition & Deployment of VLT Software – By NIC Uttarakhand.
- c. Setting up of Hosting infrastructure in Cloud/ Data Centre to host VLT software – By Food & Civil Supplies department through DOIT/RISL.
- d. Security Auditing of Software – By NIC Uttarakhand and Food & Civil Supplies department.
- e. Integration of Textual data with Map services in Software – By NIC Uttarakhand.
- f. The VLT software will provide interfaces to various stakeholders of project including Food & Civil Supplies Department Offices/ Officials, FPS, Truck owners / Contractors, and as required by each stakeholder, in integrated manner.
- g. MIS reports as identified by Food & Civil Supplies department – By NIC Uttarakhand.
- h. The parameters to be collected by VLT devices fitted in vehicles and data transmission from devices to Server will be as per Automobile Industry Standard (AIS) 140 specifications, described in detail in relevant sections of this proposal.
- i. Training of Users of DFCSs on the VLT system. - By NIC Uttarakhand.
- j. Support for integrating data of VLT devices installed in vehicles by empanelled suppliers.
- k. Project implementation & Overall Project Management. – By NIC Uttarakhand and Food & Civil Supplies department
- l. Delivery of project deliverables including software, user manuals and technical support. - By NIC

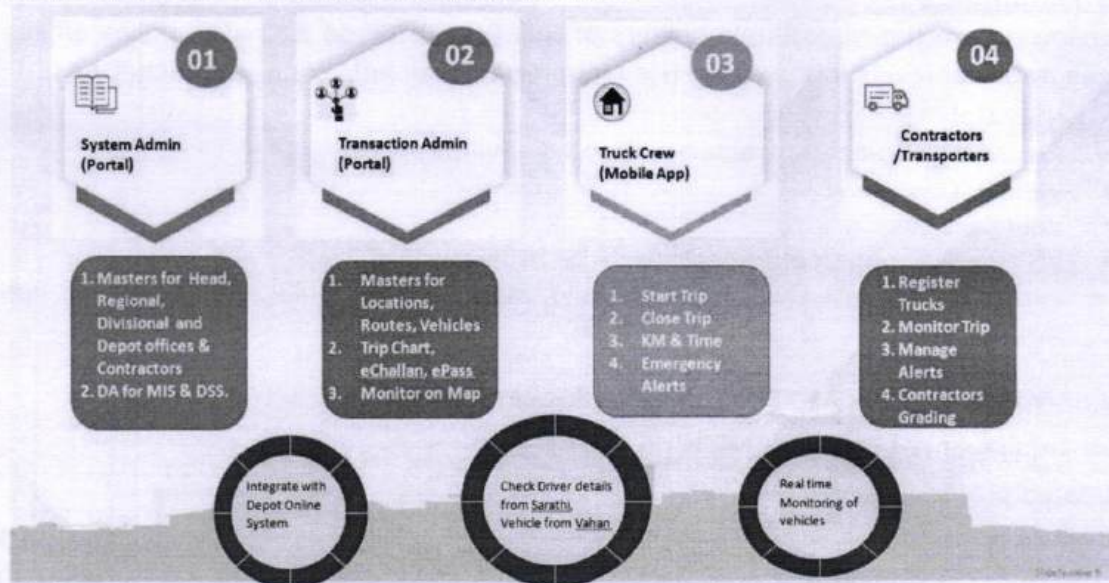
Project Deliverables:

- Customization of the VLT application software & Mobile app, with enhancements and value additions to suit requirements of Food & Civil Supplies department
- Deployment of software in hosting infrastructure
- Integrate Map Service with VLT Application & Mobile App
- Training
- Security Audit Certificate
- User Manual
- Technical Support during project implementation period & post implementation support as per mutual agreement between Food & Civil Supplies department & NIC.

Solution Architecture:



VLT System for DFCS - Modules & Functionalities



Recommended VMs configuration in Cloud & Storage space:

S.No.	Particulars	vCPU	RAM(GB)	Storage	DC Requirement
1	Application Server1	8	64	200 GB	2

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Department of Information Technology & Communication

2	Database Server1	8	64	1 TB	1
3	Application Server2	16	64	200 GB	1

A. Application Server 1

- Vehicle Location tracking device (VLTD) sends data directly to this server

B. Database Server (PostgreSQL) Purpose -

- Raw data from VLTD
- Error Data ☐ VLTD data
- PVT data
- Other alert data
- Health packets & SMS Data

C. Application Server2 (Backend web application)

Purpose -

- Alert & Response System
- Administrative Modules & various dashboards
- Vehicle Tracking Modules
- Mobile App
- Health packets & SMS Data

8. Stakeholders :

Following are the major stakeholders of this Project: Food & Civil Supplies offices at all geographical levels in the State (Headquarters, Regional, Zonal, Districts Depots)

- NIC, GoI
- Registered Truck Contractors of Food & Civil Supplies
- Vehicle Owners
- Vehicle crew
- VLT Device manufacturers as per AIS 140 Standard.
- External Service Providers for Hosting, Map services, SMS services etc. ☐ FPS shop owners

8. Mode of Project Execution: **Through NIC Uttarakhand**

9. Project Implementing Agency: **NIC**

10. Estimated project cost:

(Rs. in Lakh)

SN	Resource Name	Cost of 1 st Yr	Cost of 2 nd Yr	Cost of 3 rd Yr	Cost of 4 th Yr	Cost of 5 th Year
1.	Servers/VMs	To be Hosted at RSDC				
2.	Storage space of 10TB	To be Hosted at RSDC				
3.	Map services	10.00	10.00	10.00	10.00	10.00
4.	Manpower for VLTS software development/maintenance/customization	34.88	38.37	42.02	46.42	51.06
5.	Software Licenses – For operating system & database	To be Hosted at RSDC				

SN	Resource Name	Cost of 1 st Yr	Cost of 2 nd Yr	Cost of 3 rd Yr	Cost of 4 th Yr	Cost of 5 th Year
7.	Security audit	1.00	1.00	1.00	1.00	1.00
8.	Training & Capacity building, Travel, workshops, miscellaneous expenses	4.40	1.00	1.00	1.00	1.00
TOTAL		50.28	50.37	54.02	58.42	63.06

Total cost of the project for 5 years: 276.15 lakhs.

Note: The infrastructure cost such as Servers/Storage/software licenses etc. have not been taken into account, as services from State Data Centre shall be availed.

Detailed break-up of manpower (1st Year):

(Amount in Rs.)

Sr. No	Resource	Nos.	Rate per month for 1 st Year	Yearly Cost
1	Senior Developer (above 5 Years experience)	1	1,26,000	15,12,000
2	Senior Developer/System Admin (More than 4 year experience)	1	1,19,000	14,28,000
3	Tester cum Technical Support	1	40,000	4,80,000
4	Contingency (2%)			68,400
Total of First Year manpower cost				34,88,400

Integration with State APIs:

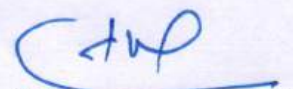
The VLTS software will be integrated with e-PDS software which in turn is already integrated with various State Govt. application/portals such as RAJSSO, SewaDwaar, e-Mitra, Jan-Aadhar etc.

Fund management: The expenditure for the project would be met from the fund available with the Food & Supplies Department, Rajasthan.

The Committee accords technical approval on the proposal having estimated cost of Rs. 276.15 Lakh with advise to use GIS services of DoIT&C for the aforesaid portal.

Meeting ended with the vote of thanks to the chair.

This bears the approval from competent level.


(Himanshu Gupta)

Commissioner &
Special Secretary, IT&C

Copy to the followings for information and necessary action please to:

1. PS to Principal Secretary, Medical & Health Department, Rajasthan, Jaipur
2. PS to Principal Secretary, Finance Department, Rajasthan, Jaipur
3. PS to Secretary, Planning Department, Rajasthan, Jaipur
4. PS to Secretary, Department of IT&C, Rajasthan, Jaipur
5. PS to Secretary, Food, Civil Supplies & Consumer Affairs Dept., Rajasthan, Jaipur

GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

6. PS to Addl. Chief Executive Officer, Raj. State Health Assurance Agency, Jaipur
7. PA to Additional Commissioner, Food, Civil Supply & Consumer Affairs Dept., Jaipur
8. PA to Joint Secretary, Finance (Expenditure-III) Dept., Rajasthan, Jaipur
9. PA to Director (T), RISL, and Chairman, Technical Committee, Dept. of IT&C, Jaipur
10. PA to DDG & SIO, National Informatics Centre, Rajasthan, Jaipur
11. PA to Director & Joint Secretary, Department of Economics & Statistics, GoR, Jaipur
12. PA to Registrar, Kota University, Rajasthan, Kota
13. PA to Director, LNM Institute of Information Technology (LNMIIT), Jaipur
14. Shri Akhilesh Mittal, Technical Director, Dept. of IT&C, Jaipur
15. Shri Vikram Singh Sankhla, Technical Director, Dept. of IT&C, Jaipur
16. Smt. Kaushalya Sankritya, Chief Accounts Officer, Dept. of IT&C, Jaipur
17. Shri Rajesh Saini, Group General Manager(Technical), RISL, Jaipur
18. Shri O.P. Jatawat, S.A. (Joint Director), Dept. of IT&C, Jaipur
19. Smt. Vinita Srivastava, S.A. (Joint Director), Dept. of IT&C, Jaipur
20. Shri Anil Sharma, S.A. (Joint Director), Dept. of IT&C, Jaipur
21. Shri Rajdeep Pal, A.C.P. (Dy. Director), RISL, Jaipur
22. Shri Sumer Singh Meena, A.C.P. (Dy. Director), RSHAA, Jaipur
23. OIC- Website, Dept. of IT&C to upload the MoM on departmental website.


(Akhilesh Mittal)
Technical Director

114th Meeting of SeMT held on 23-06-2026 - List of Attendees

S. No.	Name of officer	Designation & Department
1.	Shri Ravi Kumar Surpur	Secretary, IT&C/ Chairperson, SeMT
2.	Shri Himanshu Gupta	Commissioner & Special Secretary, Dept. of IT&C
3.	Shri Harji Lal Atal	CEO, Rajasthan State Health Assurance Agency
4.	Shri Anil Kumar Singh	Director (T), RISL, Jaipur
5.	Shri C.P. Mandawaris	Joint Secretary, Planning Dept. Rajasthan, Jaipur
6.	Shri Akhilesh Mittal	Technical Director, Dept. of IT&C, Jaipur
7.	Shri Vikram Singh Sankhla	Technical Director, Dept. of IT&C, Jaipur
8.	Shri Arun Mathur	Sr. Director, IT, NIC
9.	Shri Rajesh Verma	Director, IT
10.	Shri L.K Sharma	Director, IT
11.	Shri Rajesh Saini	GGM (T), RISL
12.	Shri Manish Bhati	Additional Director, DoIT&C, Jaipur
13.	Shri Om Prakash Jatawat	S.A. (Joint Director), Dept. of IT&C, Jaipur
14.	Shri Pradumna Dixit	S.A. (Joint Director), Dept. of IT&C, Jaipur
15.	Smt. Vinita Srivastava	S.A. (Joint Director), Dept. of IT&C, Jaipur
16.	Shri Devendra Sharma	S.A. (Joint Director), Dept. of IT&C, Jaipur
17.	Smt. Manju Rani	S.A. (Joint Director), Dept. of IT&C, Jaipur
18.	Shri Anil Sharma	S.A. (Joint Director), Dept. of IT&C, Jaipur
19.	Shri Jagdish Prasad Meena	Joint Director, DES, Jaipur
20.	Shri Pramil Gupta	AAO- I, DoIT&C, Jaipur
21.	Shri Satish Chand Gupta	Consultant, Expenditure-III, Finance
22.	Shri Rajdeep Pal	A.C.P.(Dy. Director), RISL, Jaipur
23.	Shri Yogesh Kumar Gupta	A.C.P.(Dy. Director), DoIT&C, Jaipur
24.	Shri Ravi Bhati	A.C.P.(Dy. Director), DoIT&C, Jaipur
25.	Shri Sumer Singh Meena	A.C.P.(Dy. Director), RSHAA, Jaipur
26.	Shri Sarvottam Kumar Pareek	Programmer, RGHS, Jaipur
27.	Shri Manohar Prajapati	Programmer, RGHS, Jaipur
28.	Shri Akram Ali	Programmer, RSHAA, Jaipur

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