

**GOVERNMENT OF RAJASTHAN**  
**Department of Information Technology & Communication**

No.:F5.501(1428)/DoITC HQ/2024 /03282/2026

Dated: Digital Sing. Date  
14/09/2026

**Minutes of 116<sup>th</sup> meeting of SeMT dated 02-09-2026**

The 116th meeting of the State e-Governance Mission Team (SeMT) was convened under the Chairmanship of Secretary, IT&C on 2<sup>nd</sup> September, 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 and O&M of Rajasthan Unified Urban Portal (RUUP)                                                                                                                                                                        | Urban Development & Housing (UDH) Department | 2785.00        | 3        |
| 2.      | Setup of Control Room at CMO Building                                                                                                                                                                                               | DoIT&C/ RISL                                 | 465.55         | 7        |
| 3.      | Supply, Installation, Testing, Commissioning with Five (05) Years Comprehensive On-site Warranty and Maintenance of Video-wall Screens" at Rajasthan House, Bikaner House, Jodhpur House and Rajasthan State Guest House, New Delhi | DoIT&C/ RISL                                 | 400.00         | 10       |
| 4.      | Renewal of the Recruitment Portal Project of the Government of Rajasthan                                                                                                                                                            | DoIT&C/ RISL                                 | 1938.61        | 13       |
| 5.      | Project Monitoring Unit (PMU) for Centre of Excellence in Block-chain Technology                                                                                                                                                    | DoIT&C/ RISL                                 | 267.96         | 19       |
| 6.      | Technical consultancy services in Coordination cell and PMU                                                                                                                                                                         | DoIT&C/ RISL                                 | 55.33 & 62.00  | 22       |
| 7.      | Hiring of Application Management Team (3 resources) from RISL empaneled agency under IHMS project                                                                                                                                   | DoIT&C/ RISL                                 | 226.75         | 24       |
| 8.      | Project Proposal of Rajasthan State Data Center (RSDC)                                                                                                                                                                              | DoIT&C/ RISL                                 | 131396.00      | 26       |
| 9.      | Technical Support Unit (TSU) for implementation and rollout of initiatives for "Service Delivery through WhatsApp Platform" and "Mini e-Mitra"                                                                                      | DoIT&C/ RISL                                 | 117.00         | 33       |
| 10.     | Upgradation, Modernization and Maintenance of Raj-eSign Infrastructure for the period of 01-04-2026 to 31-03-2026 (5 F.Y.)                                                                                                          | DoIT&C/ RISL                                 | 4949.35        | 36       |
| 11.     | Implementation of Jaipur City Intelligent Traffic Management System (ITMS), Adaptive Traffic Control System (ATCS) under BOOT/PPP (Revenue Sharing) Model and Establishment of Integrated Command & Control Centre (ICCC)"          | Jaipur Development Authority (JDA)           | 35000.00       | 41       |
| 12.     | Six Month Extension of Project Support Unit for various e-Governance Initiatives (e-Mitra)                                                                                                                                          | DoIT&C/ RISL                                 | 29.77          | 45       |
| 13.     | Redevelopment of the existing AXPART-based Generalized Court Management System (GCMS) application on Open Source technology                                                                                                         | DoIT&C/ RISL                                 | 169.92         | 47       |

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| Sr. No. | Project Proposal Name                                                                                     | Department/ Organization | Estimated Cost | Page No. |
|---------|-----------------------------------------------------------------------------------------------------------|--------------------------|----------------|----------|
| 14.     | Hiring of Project Monitoring Unit (PMU) for AI / ML Policy                                                | DoIT&C/ RISL             | 255.70         | 48       |
| 15.     | Establishment and Operationalization of Rajasthan Data Exchange (Raj D.Ex.)                               | DoIT&C/ RISL             | 1379.34        | 49       |
| 16.     | Design, Development and Implementation of IHMS 2.0 and Facility Management Services for the Existing IHMS | DoIT&C/ RISL             | 4500.00        | 53       |

The following project proposals were discussed in the meeting:

**1. Project : Development and O&M of Rajasthan Unified Urban Portal (UDH)**

**Project Summary:**

Urban Development & Housing Department (UDH), Government of Rajasthan, along with Local Self Government (LSG), Rajasthan Housing Board (RHB), Rajasthan State Industrial Development and Investment Corporation (RIICO), Development Authorities, Urban Improvement Trusts (UITs) and ULBs, delivers a wide range of urban governance, planning, housing and citizen-centric services. At present, these services are being delivered through multiple independent applications and portals maintained by different agencies.

The current urban IT ecosystem is fragmented and silo-based. This results in duplication of effort, isolated databases, inconsistent user experience, limited interoperability, inadequate mobile support, and constrained monitoring and analytics capability across departments and entities.

In order to address these issues comprehensively, Government of Rajasthan has proposed an IT enabled solution in the form of a Single Integrated Web and Mobile-Based Rajasthan Unified Urban Portal (RUUP). This platform will serve as a centralized hub for accessing G2G, G2B and G2C services related to urban planning, housing, utilities and public amenities.

The key objectives of the proposed portal are streamlining service delivery enhancing governance by centralizing data and operations for improved monitoring, planning, administration and real-time analytics-based decision making promoting efficiency through integrated tools supporting sustainable development; improving monitoring capability and efficiency of implementation of policies/regulations; creating a transactional information managementsystemequippedwithanalyticsforeffective decisionmaking; enablingGIS-based urban governance; improving inter-departmental collaboration; and enhancing transparency and accountability through workflow automation and SLA monitoring.

Under the defined scope, a total of 50+ applications/services have been identified to be developed under Rajasthan Unified Urban Portal (RUUP).

**Duration:**

One (1) year development and O&M period of three (3) years.

**Scope of Work:**

1. Preliminary Project Report (PPR) for Rajasthan Unified Urban Portal (RUUP) has been prepared for the project. The PPR covers project background, current status of IT enablement, challenges in existing urban IT ecosystem, objectives, proposed solution architecture, system actors, modules, project scope, stakeholders, implementation schedule and estimated cost.
2. The Revised Minutes of Meeting dated 29-04-2026 regarding review of the Unified Urban Portal record that the PMU briefed the committee on overall project progress and submitted the process documents, PPR and implementation strategy covering LSG, RHB and UDH.
3. It was decided in the meeting dated 29-04-2026 that Department of Information Technology & Communication (DoIT&C) will be responsible for development and implementation of the project and that development will be executed in a phased manner, prioritizing high-impact services first.
4. The said Minutes also record that the PPR was approved by the Project e-Governance Mission Team (PMT) and the proposal was approved to be forwarded to SeMT for final approval.

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**Detailed description of the proposal:**

The proposed Rajasthan Unified Urban Portal (RUUP) should be a single integrated web and mobile based platform for delivery and management of urban sector services of UDH and related entities. As per the PPR, the solution will provide multi layered stakeholder management, role based user management, centralized database driven operations, unified dashboards and notifications/alerts, and real-time MIS/reports. The service delivery interface will include web portal and mobile applications through registered RajSSO ID / mobile mapped with Raj SSOID. The broad scope of the project includes study of existing systems and business processes, requirement assessment, design, development, testing, integration, deployment, implementation support, data migration and consolidation, training/capacity building, and thereafter Operations & Maintenance support services for a period of three years. The project also includes development of common platform services and departmental service modules, workflow automation, GIS integration with RajDhara for relevant services, dashboards, analytics and reporting systems, AI-enabled chatbot support, API framework and interoperability services, security/audit/compliance features, integration with existing and external systems, and migration of existing data of agencies including Authorities, UITs, ULBs, RHB and RIICO.

**Stakeholders:**

- Urban Development & Housing Department(UDH)
- Local Self Government (LSG)
- Rajasthan Housing Board(RHB)
- Rajasthan State Industrial Development and Investment Corporation(RIICO)
- Development Authorities / Urban Improvement Trusts/ ULBs
- Department of Information Technology & Communication(DoIT&C)
- RajCOMP Info Services Limited(RISL)
- Citizens
- Associated Departments and Agencies

**Mode of Project execution:** Open Competitive Bidding.

**Project Implementing Agency:** RISL

**Integration of API:**

- RajSSO
- RajSewaDwaar
- e-Mitra
- Rajasthan Payment Platform(RPP)
- e-Sanchar SMS and Whats app
- RajDharaa GIS
- RajMaster
- e-Sign
- IFMS
- Jan-Aadhaar/Aadhaar/Other Beneficiary Data Sources
- e-Vault
- DigiLocker Issuer and Requester
- Department Websites

- UIDAI
- RERA
- AAI, National Monuments Authority (NMA) with BPAS
- EDharti
- Email
- Jan Soochna
- Any other as needed by department

**Financial Implication:**

The estimated cost of study, design, development, integration and deployment of the proposed solution with O&M period of three years is as under:

| S.No     | Particulars                                                                                                                                                                                                                                                                                          | Amount(in Rs.)      |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>A</b> | <b>Establishment of PMU for Urban Unified Portal (Requirement Study, BPR &amp; Execution)</b>                                                                                                                                                                                                        |                     |
| 1        | PMU Cost                                                                                                                                                                                                                                                                                             | 2,50,00,000         |
| 2        | GST@18%                                                                                                                                                                                                                                                                                              | 45,00,000           |
|          | Sub Total(A1)                                                                                                                                                                                                                                                                                        | 2,95,00,000         |
| 3        | RISL Service Charges                                                                                                                                                                                                                                                                                 | 17,50,000           |
| 4        | GST@18% on RISL Service Charges                                                                                                                                                                                                                                                                      | 3,15,000            |
|          | Sub Total(A2)                                                                                                                                                                                                                                                                                        | 20,65,000           |
|          | <b>Total A(A1+A2)</b>                                                                                                                                                                                                                                                                                | <b>3,15,65,000</b>  |
| <b>B</b> | <b>1) Design &amp; Development of Unified Web Portal (Unified Web Portal, Mobile App, Advanced Analytics Dashboard &amp; AI Chatbot), BPAS Scrutiny Engine<br/>2) Infrastructure Cost – VMs for Application and Database Servers, Additional Storage, VPN, GPU and Other Required Infrastructure</b> |                     |
| 1        | Development Cost                                                                                                                                                                                                                                                                                     | 11,70,00,000        |
| 2        | Infrastructure Cost                                                                                                                                                                                                                                                                                  | 2,00,000,00         |
| 3        | GST@18%                                                                                                                                                                                                                                                                                              | 2,46,60,000         |
|          | Sub Total(B1)                                                                                                                                                                                                                                                                                        | 16,16,60,000        |
| 4        | RISL Service Charges                                                                                                                                                                                                                                                                                 | 84,70,000.00        |
| 5        | GST@18% on RISL Service Charges                                                                                                                                                                                                                                                                      | 15,24,600           |
|          | Sub Total(B2)                                                                                                                                                                                                                                                                                        | 99,94,600           |
|          | <b>Total B (B1+B2)</b>                                                                                                                                                                                                                                                                               | <b>17,16,54,600</b> |
| <b>C</b> | <b>Helpdesk, Training, Transportation Related Expenses, Procurement of Application Software Licensees if any &amp; Other Miscellaneous Expenses</b>                                                                                                                                                  |                     |
| 1        | Cost                                                                                                                                                                                                                                                                                                 | 80,00,000           |
| 2        | GST@18%                                                                                                                                                                                                                                                                                              | 14,40,000           |
|          | Sub Total(C1)                                                                                                                                                                                                                                                                                        | 94,40,000           |
| 3        | RISL Service Charges                                                                                                                                                                                                                                                                                 | 4,00,000            |
| 4        | GST@18% on RISL Service Charges                                                                                                                                                                                                                                                                      | 72,000              |
|          | Sub Total(C2)                                                                                                                                                                                                                                                                                        | 4,72,000            |
|          | <b>Total C(C1+C2)</b>                                                                                                                                                                                                                                                                                | <b>99,12,000</b>    |
|          | <b>Grand Total Project Cost (A+B+C)</b>                                                                                                                                                                                                                                                              | <b>21,31,31,600</b> |

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Followings the FMS period costing estimates of the project:

| S.No     | Particulars                                                                                                                    | Amount (in Rs.)    |
|----------|--------------------------------------------------------------------------------------------------------------------------------|--------------------|
| <b>E</b> | <b>FMS for 3 Years (Maintenance &amp; Support of Web Portal, Mobile app, Analytics and BPAS Scrutiny Engine for 36 Months)</b> |                    |
| 1        | Maintenance & Support for 36 Months                                                                                            | 5,16,29,353        |
| 2        | GST@18%                                                                                                                        | 92,93,284          |
|          | Sub Total(E1)                                                                                                                  | 6,09,22,637        |
| 3        | RISL Service Charges                                                                                                           | 37,64,055          |
| 4        | GST@18% on RISL Service Charges                                                                                                | 6,77,530           |
|          | Sub Total(E2)                                                                                                                  | 44,41,585          |
|          | <b>Total E (E1+E2)</b>                                                                                                         | <b>6,53,64,222</b> |

**Note 1:** The broad scope includes study, design, development, testing, integration and implementation services for RUUP and thereafter Operations & Maintenance support services for three years.

**Note 2:** The actual cost of the project may vary at the time of price discovery of the required solution through appropriate method of procurement / bidding and applicable GST.

The overall project cost is Rs. 27,84,95,822.00 (Rs. 21,31,31,600.00 + Rs. 6,53,64,222.00)

**Detailed break-up of manpower to be hired:**

**1. Break-up for PMU Costing(2.5Cr.)**

| Experience Category | No. Of Consultants | Monthly Rate (Rs.) | No. Of Man Months | Total Cost(Rs.)    |
|---------------------|--------------------|--------------------|-------------------|--------------------|
| 6-10 Years          | 2                  | 3,34,264           | 20                | 1,33,70,560        |
| 3-6 Years           | 2                  | 2,85,644           | 20                | 1,14,25,760        |
| <b>Grand Total</b>  |                    |                    |                   | <b>2,47,96,320</b> |

**2. Break-up for Development Phase Costing (11.70 Cr.)**

| Technology/ Role      | Experience | No. of Resources | NICSI per month Rate (INR) | No. of Man Months | Total Cost (INR) |
|-----------------------|------------|------------------|----------------------------|-------------------|------------------|
| Project Manager       | 10+years   | 1                | 4,42,145                   | 12                | 53,05,740        |
| Technical Architect   | 10+years   | 1                | 4,42,145                   | 12                | 53,05,740        |
| Team Leader Technical | 10+years   | 2                | 4,42,145                   | 12                | 1,06,11,480      |
| Senior Developer      | 5+years    | 12               | 3,14,414                   | 12                | 4,52,75,616      |
| Business Analyst      | 10+years   | 3                | 3,73,367                   | 12                | 1,34,41,217      |
| Android Developer     | 5+years    | 1                | 3,14,414                   | 12                | 37,72,973        |
| UI/UX Designer        | 5+years    | 3                | 3,14,414                   | 12                | 1,13,18,920      |
| QA Engineer/Tester    | 5+years    | 2                | 3,14,414                   | 12                | 75,45,936        |
| AI/ML Developer       | 10+years   | 1                | 4,42,145                   | 12                | 53,05,744        |
| Data Analyst          | 5+years    | 1                | 3,14,414                   | 12                | 37,72,968        |

|                                                               |  |                     |
|---------------------------------------------------------------|--|---------------------|
| Scrutiny Engine Customization (As per latest Building Bylaws) |  | 50,00,000           |
| <b>Grand Total</b>                                            |  | <b>11,66,56,334</b> |

**3. Break-up for FMS team Costing (36 Months) (5.16 Cr.)**

| Resource                                  | Qty.    | Assigned Level | Monthly Rate/Resource (INR) | Monthly Cost (Qty×Rate) (INR) | Duration (Months) | 3-Year Total(INR)  |
|-------------------------------------------|---------|----------------|-----------------------------|-------------------------------|-------------------|--------------------|
| Team Leader Technical                     | 1       | 10+years       | 4,42,145                    | 4,42,145                      | 36                | 1,59,17,220        |
| Senior Developer                          | 2       | Level 11       | 314,414                     | 628,828                       | 36                | 22,637,808         |
| Mobile Developer (Hybrid Android&iOS)     | 1       | Level7         | 196,509                     | 196,509                       | 36                | 7,074,325          |
| Scrutiny Engine Support for Customization | 3 years |                |                             |                               | 36                | 60,00,000          |
| <b>Grand Total</b>                        |         |                |                             |                               |                   | <b>5,16,29,353</b> |

**Fund Management:**

Expenditure would be met from the funds available with Urban Development & Housing (UDH) Department.

**The Committee advised that the applications/ services/ modules are to be developed in the project should be inter-operable.**

**The Committee accords technical approval on the proposal having estimated cost of Rs. 2785.00 Lakh.**

**2. Project : Setup of Control Room at CMO Building (DoIT&C/ RISL)**

**Background:**

Government of Rajasthan is in process to establishing a Control Room (CMO, Room Number 205) equipped with advanced IT infrastructure including high-resolution display screens, data visualization dashboards, video conferencing facilities and secure communication mechanisms. It requires physical and Material resources such as furniture and fixtures, etc along with IT equipment's such as Workstations, Printers, Desktop, headphone, calling licenses, internet connectivity UPS, Software etc.

**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.

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2. Provisioning of IT infrastructure, including computers/desktops, printers, headsets, internet connectivity and related software.

**Execution Agency:** RISL

**Financial Implications:**

**A. Estimated CAPEX and OPEX of IT Infrastructure**

For operationalisation of the aforesaid Control room, various IT equipment and software licenses are required, which includes workstations, printers, headsets, internet connectivity, software applications, communication systems, and other allied infrastructure components.

Accordingly, the estimated expenditure for establishment and operationalisation of the Control Room, Capital Expenditure (CAPEX) of IT infrastructure, software licences and other allied items along with recurring expenses towards AMC/ATS etc. for three years i.e. the estimated Operational Expenditure (OPEX) for operation and maintenance of the proposed Control Room for the period FY 2026-27 to FY 2028-29 for smooth functioning and maintenance of the Control Room over the aforesaid period is detailed as under:

| (Amount in Rs.) |                                             |     |                                      |                       |                       |                             |
|-----------------|---------------------------------------------|-----|--------------------------------------|-----------------------|-----------------------|-----------------------------|
| S. N.           | Particulars                                 | Qty | Unit Rate (CAPEX + OPEX for 3 Years) | Total Amount          | CAPEX Amount          | OPEX Amount for Three Years |
| A               | B                                           | C   | D                                    | E = C * D             | F = D * 85%           | F = D * 15%                 |
| <b>IT Items</b> |                                             |     |                                      |                       |                       |                             |
| 1               | Colored IP Phone with VC Facility           | 20  | 63,720.00                            | 12,74,400.00          | 10,83,240.00          | 1,91,160.00                 |
| 2               | Workstation with Multiple Monitors (Curved) | 20  | 6,50,000.00                          | 1,30,00,000.00        | 1,10,50,000.00        | 19,50,000.00                |
| 3               | High-End Laptops with Carry Bag             | 5   | 2,00,000.00                          | 10,00,000.00          | 8,50,000.00           | 1,50,000.00                 |
| 4               | Miscellaneous Expenses (5% of Sum 1 to 3)   | -   | -                                    | 7,63,720.00           | 6,49,162.00           | 1,14,558.00                 |
| 5               | Total IT Expenditure                        | -   | -                                    | 1,68,01,840.00        | 1,42,81,564.00        | 25,20,276.00                |
| 6               | RISL Service Charge (10%)                   | -   | -                                    | 16,80,184.00          | 14,28,156.40          | 2,52,027.60                 |
| 7               | GST @18% on RISL Service Charge             | -   | -                                    | 3,02,433.00           | 2,57,068.05           | 45,364.95                   |
| 8               | <b>Total IT Expenditure</b>                 |     |                                      | <b>1,87,84,457.00</b> | <b>1,59,66,788.45</b> | <b>28,17,668.55</b>         |

**B. Estimated CAPEX and OPEX of Non-IT and Civil Infrastructure**

For the operationalisation of the aforesaid Control Room, various physical and material resources are required, including civil and electrical works, furniture and fixtures, and other allied infrastructure components. In addition, recurring expenditure towards operation, maintenance, utilities, and other logistical arrangements is essential to ensure the efficient functioning of the Control Room.

Accordingly, the detailed expenditure for Non-IT and Civil infrastructure is attached as Annexure. Further estimated of the same has been worked out under two categories, namely Capital Expenditure (CAPEX) for the establishment of the Control Room and Operational Expenditure (OPEX) for its operation and maintenance over a period of three financial years (FY 2026-27 to FY 2028-29). The estimated expenditure under the aforesaid heads is detailed below:

(Amount in Rs.)

| S. No.                          | Particulars                               | Qty | Unit Rate (CAPEX + OPEX for 3 Years) | Total Amount          | CAPEX Amount          | OPEX Amount for Three Years |
|---------------------------------|-------------------------------------------|-----|--------------------------------------|-----------------------|-----------------------|-----------------------------|
| A                               | B                                         | C   | D                                    | E = C * D             | F = D * 85%           | F = D * 15%                 |
| <b>Non - IT and Civil Items</b> |                                           |     |                                      |                       |                       |                             |
| 1                               | Non-IT Expenditure                        | 1   | 2,48,40,000.00                       | 2,48,40,000.00        | 2,11,14,000.00        | 37,26,000.00                |
| 2                               | RISL Service Charge (10%)                 | -   | -                                    | 24,84,000.00          | 21,11,400.00          | 3,72,600.00                 |
| 3                               | GST @18% on RISL Service Charge           | -   | -                                    | 4,47,120.00           | 3,80,052.00           | 67,068.00                   |
| 4                               | <b>Total Non-IT and Civil Expenditure</b> |     |                                      | <b>2,77,71,120.00</b> | <b>2,36,05,454.00</b> | <b>41,65,668.00</b>         |

**C. Summarized Financial Implication**

(Amount in Rs.)

| S. N. | Particulars             | 2026-27               | 2027-28             | 2028-29             | Total                 |
|-------|-------------------------|-----------------------|---------------------|---------------------|-----------------------|
| A     | <b>Estimated CAPEX</b>  |                       |                     |                     |                       |
|       | IT Expenditure          | 1,59,66,788.00        | -                   | -                   | 1,59,66,788.00        |
|       | Non-IT Expenditure      | 2,36,05,454.00        | -                   | -                   | 2,36,05,454.00        |
|       | <b>Total</b>            | <b>3,95,72,242.00</b> | <b>-</b>            | <b>-</b>            | <b>3,95,72,242.00</b> |
| B     | <b>Estimated OPEX</b>   |                       |                     |                     |                       |
|       | IT Expenditure          | 9,39,223.00           | 9,39,223.00         | 9,39,223.00         | 28,17,669.00          |
|       | Non-IT Expenditure      | 13,88,556.00          | 13,88,556.00        | 13,88,556.00        | 41,65,668.00          |
|       | <b>Total</b>            | <b>23,27,779.00</b>   | <b>23,27,779.00</b> | <b>23,27,779.00</b> | <b>69,83,337.00</b>   |
| C     | <b>Total Cost (A+B)</b> | <b>4,19,00,021.00</b> | <b>23,27,779.00</b> | <b>23,27,779.00</b> | <b>4,65,55,579.00</b> |

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**Fund Management:**

Expenditure would be met from budget to be provide by Finance Department in the DoIT&C Budget heads.

**The Committee accords post-facto technical approval on the proposal having estimated cost of Rs. 465.55 Lakh.**

- 3. Project :** Supply, Installation, Testing, commissioning with Five (05) Years Comprehensive On-site Warranty and Maintenance of Video-wall Screens" at Rajasthan House, Bikaner House, Jodhpur House and Rajasthan State Guest House, New Delhi (DoIT&C/ RISL)

The Rajasthan Information Centre, Bikaner House, New Delhi, vide Letter No. 71 dated 27.05.2026, requested to undertake procurement and installation of Outdoor LED Video Wall Screens at Rajasthan House, Bikaner House, Jodhpur House and Rajasthan State Guest House New Delhi, to facilitate dissemination of Government schemes, public awareness campaigns, and live telecast of important Government events.

**Proposed locations for Rajasthan offices at New Delhi are as under:**

| S. No. | Location                               | Proposed Videowalls (No.) |
|--------|----------------------------------------|---------------------------|
| 1.     | Bikaner House, New Delhi               | 03                        |
| 2.     | Jodhpur House, New Delhi               | 02                        |
| 3.     | Rajasthan State Guest House, New Delhi | 02                        |
| 4.     | Rajasthan House, New Delhi             | 02                        |
|        | <b>Total Proposed</b>                  | <b>09</b>                 |

**Details of proposed video-walls:**

| S. No. | Location                                                                           | Specifications                                                                                                                                                                                                                                                                              | Proposed Video-walls (No.) |
|--------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 1.     | Bikaner House, New Delhi<br>Jodhpur House, New Delhi<br>Rajasthan House, New Delhi | Supply, Installation & Commissioning of Cabinet based 4 mm Outdoor LED video wall 15.7 FT X 9.4 FT ( $\pm 5\%$ ) including five years Comprehensive On-site Warranty and Maintenance with all required accessories for installation complete in all respects as per the RFP which contains: | 03                         |
|        |                                                                                    | • Control system with Media player with genuine Software                                                                                                                                                                                                                                    | 02                         |
|        |                                                                                    | • Power distribution Unit with MFN cards                                                                                                                                                                                                                                                    | 02                         |
|        |                                                                                    | • Auto Brightness Sensor                                                                                                                                                                                                                                                                    | 02                         |
|        |                                                                                    | • Installation & Commissioning                                                                                                                                                                                                                                                              |                            |
|        |                                                                                    | Design, fabrication, supply, transportation, erection, testing and commissioning of Hot-dip Galvanized MS Unipole Structure, including RCC foundation,                                                                                                                                      | 7                          |

| S. No. | Location                               | Specifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Proposed Video-walls (No.)                       |
|--------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
|        |                                        | excavation, anchor bolts, structural fabrication, ACP cladding, lightning protection, earthing, corrosion protection and all associated civil, structural and electrical works, including five (05) years Comprehensive Warranty and Maintenance.                                                                                                                                                                                                                                                                                                 |                                                  |
| 2.     | Rajasthan State Guest House, New Delhi | <p>Supply, Installation &amp; Commissioning of Cabinet based 4 mm Outdoor LED video wall 22 FT X 6.28 FT (<math>\pm 5\%</math>) including five years Comprehensive On-site Warranty and Maintenance with all required accessories for installation complete in all respects as per the RFP which contains:</p> <ul style="list-style-type: none"> <li>Control system with Media player with genuine Software</li> <li>Power distribution Unit with MFN cards</li> <li>Auto Brightness Sensor</li> <li>Installation &amp; Commissioning</li> </ul> | 02                                               |
|        |                                        | Design, fabrication, supply, transportation, erection, testing and commissioning of Hot-dip Galvanized MS Unipole Structure, including RCC foundation, excavation, anchor bolts, structural fabrication, ACP cladding, lightning protection, earthing, corrosion protection and all associated civil, structural and electrical works, including five (05) years Comprehensive Warranty and Maintenance.                                                                                                                                          |                                                  |
|        | <b>Total Proposed</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>09 Video-walls (7 Uni poles and 1 Bipole)</b> |

RISL has prepared a Statement of Estimate Expenditure (SoEE) for the "**Supply, Installation, Testing, Commissioning with Five (05) Years Comprehensive On-site Warranty and Maintenance of Video-wall Screens**" as mention below: -

Details of Items with Estimated Price:

(Amount in Rs.)

| Sno | Items              | Description                            | Qty. | Rate        | Unit | Total        |
|-----|--------------------|----------------------------------------|------|-------------|------|--------------|
| 1   | Modules in Cabinet | LED Cabinet P4 Outdoor (Matrix of 5X3) | 15   | 1,54,872.00 | Pcs  | 23,23,080.00 |
| 2   | Media Player       | Media Player with controller & CMS     | 1    | 1,80,233.00 | Pcs  | 1,80,233.00  |
| 3   | Structure          | Iron Structure                         | 1    | 4,52,136.00 | Pcs  | 4,52,136.00  |

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|              |                               |                                    |   |             |     |                     |
|--------------|-------------------------------|------------------------------------|---|-------------|-----|---------------------|
| 4            | PDU                           | PDU Unit                           | 1 | 7,544.00    | Pcs | 7,544.00            |
| 5            | Cards                         | MFN Cards                          | 1 | 4,210.00    | Pcs | 4,210.00            |
| 6            | Sensor                        | Auto Brightness Sensor             | 1 | 18,652.00   | Pcs | 18,652.00           |
| 7            | ACP                           | ACP Sheet work                     | 1 | 1,95,234.00 | Pcs | 1,95,234.00         |
| 8            | Fan                           | Exhaust Fan                        | 4 | 4,856.00    | Pcs | 19,424.00           |
| 9            | Warranty                      | Extended Warranty 4th & 5th Charge | 1 | 3,65,214.00 |     | 3,65,214.00         |
| 10           | Cables                        | Other Cable and connectors         | 1 | 75,255.00   |     | 75,255.00           |
| 11           | Supply & Installation charges |                                    | 1 | 56,000.00   |     | 56,000.00           |
| <b>Total</b> |                               |                                    |   |             |     | <b>36,96,982.00</b> |

**Execution Agency:** RajComp Info Services Ltd. (RISL).

**Financial Implication:**

Estimate Expenditure (SoEE) for the "Supply, Installation, Testing, Commissioning with Five (05) Years Comprehensive On-site Warranty and Maintenance of Video-wall Screens" as mentioned below: -

| S. No.                                             | Service Type | Description of work                                              | Quantity | Unit | Unit Cost    | Total Amount In Rs.   |
|----------------------------------------------------|--------------|------------------------------------------------------------------|----------|------|--------------|-----------------------|
| 1                                                  | Hardware     | Procurement of 09 Video-walls for Rajasthan offices at New Delhi | 9        | Nos. | 36,96,982.00 | 3,59,72,841.00        |
| 2                                                  | Hardware     | Contingency Charges for vehicle expenses 5%                      | 5        | Year | 3,59,728     | 17,98,642.00          |
| Total (INR)                                        |              |                                                                  |          |      |              | 3,77,71,483.00        |
| RISL Service Charges (INR)                         |              |                                                                  |          |      |              | 18,88,574.00          |
| CGST @9% on RISL Service Charges (INR)             |              |                                                                  |          |      |              | 1,69,972.00           |
| SGST @9% on RISL Service Charges (INR)             |              |                                                                  |          |      |              | 1,69,972.00           |
| <b>Grand Total to be transferred to RISL (INR)</b> |              |                                                                  |          |      |              | <b>4,00,00,000.00</b> |

**Fund Management:**

The expenditure would be met from the funds available with "Backend & New Projects" Budget Head of Dept. of IT&C.

**The Committee accords post-facto technical approval on the project proposal having estimated cost of Rs. 400.00 Lakh.**

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

Earlier the project proposal was deferred in 114<sup>th</sup> SeMT dated 23-06-2026 with directions to re-study the requirements and cost of the proposal. In connection of the same following is submitted:

**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.

**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

**Previous SeMT Approval Details:**

- The Project was approved in 57<sup>th</sup> meeting of SeMT dated 22-06-2015 vide No. F5(882)/DoIT/Tech/15/I/33703/2015. The committee accords technical approval of project with project cost Rs. 769.46 Lacs.

**Project Cost Approved in 2015 (incl. of all taxes, levies and duties applicable incl. CST but excl. RVAT and Service Tax, as applicable)**

| S. No.   | Description of Work                        | Qty.                    | Estimated Cost Amount in Rs. |
|----------|--------------------------------------------|-------------------------|------------------------------|
| 1        | End to End Examination/Proposal            | As per licensing policy | <b>6,93,52,131.00</b>        |
| 2        | Cost of customization for each examination | 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          | 1 Nos.                  |                              |
| <b>A</b> | <b>Total Cost (In Figures)</b>             |                         | <b>6,93,52,131.00</b>        |

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|          |                                                                             |  |                       |
|----------|-----------------------------------------------------------------------------|--|-----------------------|
| 7        | Contingency Cost (2% of the Total Cost A)                                   |  | <b>13,87,043.00</b>   |
| <b>B</b> | <b>Total Expected Expenditure to be incurred</b>                            |  | <b>7,07,39,174.00</b> |
| 8        | RajCOMP Info Services Ltd. approved service charges on B - Rs. 54,44,350.00 |  |                       |
| 9        | Service Tax @ 14% on S. No. 8 - Rs. 7,62,209.00                             |  | <b>62,06,559.00</b>   |
| <b>C</b> | <b>Total RISL Service Charges (In Rs.)</b>                                  |  | <b>62,06,559.00</b>   |
| <b>D</b> | <b>Total estimated amount required under the project (B+C)</b>              |  | <b>7,69,45,733.00</b> |

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

The total Cost of project (at SI.no. D) is estimated as the cost at SI. 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.

**Previous work Order details (Expenditure Details)**

| S. No.       | Work order Date and No. | 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        |
| 8            | 1496 dated 19.06.2026   | M/s E Connect Solutions Pvt. Ltd. | 21.06.2026 to 20.12.2026 | 54,72,607          |
| <b>Total</b> |                         |                                   |                          | <b>7,53,16,621</b> |

**Project Proposal**

**Existing features for Candidates in State Recruitment portal 1.0**

1. Candidate login and Dashboard
2. One Time Registration (OTR)
  - o e-KYC of candidate
  - o Document Details
  - o OTR edit

- Fetch Application form
- OTR History
- 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

**Details of resources deployed for FMS under Recruitment 1.0**

| Sr. No | Types of resources         | No. of resources deployed | Work performed by the resource                                        |
|--------|----------------------------|---------------------------|-----------------------------------------------------------------------|
| 1      | Senior Developer (Udaipur) | 1                         | Designing, implementing, coding, testing, deployment, and monitoring. |
| 2      | Team Lead & Business       | 1                         | Documentation, requirement gathering,                                 |

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|              |                                      |           |                                                                                                                |
|--------------|--------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------|
|              | Analyst (RISL)                       |           | review of testing points, demo of module, module activity configuration.                                       |
| 3            | Functional Analyst (RPSC)            | 1         | Documentation, requirement gathering, review of testing points, demo of module, module activity configuration. |
| 4            | Junior Developer (Udaipur)           | 2         | Designing, implementing, coding, testing, deployment, and monitoring                                           |
| 5            | Database Developer (Udaipur)         | 1         | Designing database structures, Writing and optimizing queries, Data integrity and security.                    |
| 6            | QA/Tester (Udaipur)                  | 1         | Module testing, functional testing                                                                             |
| 7            | Network Analyst for Monitoring – SDC | 2         | Installs, configures, and maintains web server software & Applies security patches                             |
| 8            | Helpdesk                             | 2         | Handling calls, emails & queries of walk in candidates.                                                        |
| <b>TOTAL</b> |                                      | <b>11</b> |                                                                                                                |

**Scope of Work (SoW) for Recruitment 2.0**

RISL intends to enter into 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.

- A.** FMS of 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 mobile application
- D.** Data Migration from Recruitment 1.0
- E.** Artificial Intelligence & Automation Features
- F.** FMS for a period of 5 years

**A. FMS of Recruitment 1.0 Project**

The existing portal shall also be maintained by the new agency for a period of one year during the development of Recruitment 2.0.

**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 along with Centralized Recruitment Portal for Candidates 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
- Grievances 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)
- Centralized Recruitment Portal

### **C. 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

**D. 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.

**E. Artificial Intelligence & Automation Features**

**Followings the features which are to be developed in Recruitment 2.0**

**A. 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

**B. 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.

**C. 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

**D. FMS FOR A PERIOD OF 5 YEARS**

The project shall be under operation & maintenance for a period of 5 Years i.e. 60 months (Post Go-Live) of Support & Maintenance for all Recruitment 2.0 modules

**Estimated Cost for 6 Years:**

| S. No.                                                                                                                                                                                                             | Description of Work                                                                           | Estimated Cost (In Rs.) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------|
| 1                                                                                                                                                                                                                  | FMS of Recruitment Portal 1.0 (1 Year)                                                        | 1,50,00,000.00          |
|                                                                                                                                                                                                                    | Development of Recruitment Portal 2.0 (1 Year)<br>(Parallel to FMS of Recruitment Portal 1.0) | 5,00,00,000.00          |
|                                                                                                                                                                                                                    | Cost of Anti spoofing SDK                                                                     | 3,00,00,000.00          |
|                                                                                                                                                                                                                    | FMS of Recruitment Portal 2.0 (5 Years (1.5 Cr/Year))                                         | 7,50,00,000.00          |
|                                                                                                                                                                                                                    | <b>Total Cost (In Figures)</b>                                                                | <b>17,00,00,000.00</b>  |
| 2                                                                                                                                                                                                                  | Contingency Cost (1% of the Total Cost A)                                                     | 34,00,000.00            |
| B                                                                                                                                                                                                                  | Total Expected Expenditure to be incurred on your behalf                                      | 17,34,00,000.00         |
| 3                                                                                                                                                                                                                  | RajCOMP Info Services Ltd.'s approved service charges on B                                    | 1,73,40,000.00          |
| 4                                                                                                                                                                                                                  | GST @ 18% on s no. 3                                                                          | 31,21,200.00            |
| C                                                                                                                                                                                                                  | Total RISL Service charges (In Rs.)                                                           | 2,04,61,200.00          |
| D                                                                                                                                                                                                                  | <b>Total estimated amount required under the project (B+C)</b>                                | <b>19,38,61,200.00</b>  |
| 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 financial support may be requested from the Finance Department, Government of Rajasthan.

**The Committee accords technical approval on the proposal having estimated cost of Rs. 1938.61 Lakh with directions to ensure compliance of Digital Personal Data Protection (DPDP) Act, 2023.**

**5. Project : Project Monitoring Unit (PMU) for Centre of Excellence in Block-chain Technology (DoIT&C/ RISL)**

**Project Objective:**

The State Government made two budget announcements regarding the use of Block-chain Technology in e-Governance as described below:

- FY 2022-23:** Allocated ₹33.286 crore to establish a Blockchain Centre of Excellence (CoE) in Jaipur to boost security and transparency across e-governance systems like IFMS 3.0, Electronic Health Records, and the Jan Aadhar Residential Data Repository.
- FY 2023-24:** Allocated ₹122.35 crore for block-chain infrastructure and application development to prevent data manipulation in Government Land Records, Health Records, and e-Coupons.

**Current Status:**

- In compliance with the Budget Announcement for FY 2022-23, the Centre of Excellence (CoE) in Block-chain was established in July 2023 at R-CAT, Jaipur.
- Administrative and Financial Approval for ₹33.28 Crore (for five FY 2022-27) by the Finance Department and the State e-Governance Mission Team (SeMT) (for 3 FY 2023-26) was accorded for CoE Block-chain Project.
- Administrative and Financial Approval for ₹112.35 Crore (for five FY 2023-28) by the Finance Department and the State e-Governance Mission Team (SeMT) (for 3 FY 2023-26) was accorded for Block-chain Infrastructure and Application Development Project.
- Under the guidance of the CoE Block-chain, the IIT Kanpur team has developed a block-chain-enabled solution for the Agriculture License Issuance System (RajKisan Sathi portal), encompassing seeds, fertilizers and pesticides for the Department of Agriculture, GoR.

**Project Scope:**

The Centre of Excellence in Block-chain Technology operates as a coordinated, interoperable block-chain ecosystem across the State. It acts as a gateway to test and develop best solutions for application areas envisaged by DoIT&C/ RISL at State level.

**The major objectives of CoE for Block-chain are as following: -**

- Identification, design, and development of Proof of Concepts (PoCs) for Government departments using Block-chain technology.
- Establishment and maintenance of a Block-chain research and development environment for Government employees, startups and students to facilitate innovation, testing, and experimentation.
- Organization of and participation in events to promote Block-chain technology.
- Collaboration with leading research institutions, academic organizations, and industry partners to foster innovation and knowledge exchange.
- Promotion of capacity building through skill development, training programmes, awareness initiatives, and knowledge dissemination in Block-chain technology.

The Centre of Excellence (CoE) for Block-chain is earlier supported by a Project Monitoring Unit (PMU) engaged through NICSI, with an approved team strength of six (6) specialized resources comprising a Project Manager, Technical Consultants, Business Analysts, and other domain experts.

The Rajasthan's Block-chain Infrastructure and Application Development platform creates a trusted, transparent foundation to secure and streamline e-governance workflows across all major domains of governance including Finance, Land Records, Agriculture, Healthcare etc.

**Resource Requirements:**

The operational requirements for CoE will be effectively managed by a team of 5 manpower resources. Their estimated cost (as per NICS rates w.e.f. 21.10.2025) is mentioned below:

| Sr. No.            | Job Title                            | NICS Resource Mapping                                    | No. of resources deployed | Man-month Rates (in INR) | Total Man-month Cost (in INR) | Total yearly Cost (in INR) |
|--------------------|--------------------------------------|----------------------------------------------------------|---------------------------|--------------------------|-------------------------------|----------------------------|
| 1.                 | Project Manager cum Business Analyst | Management Consultant with 10 yrs and <15 yrs experience | 1                         | 3,64,652                 | 3,64,652                      | 43,75,824                  |
| 2.                 | Business Analyst                     | Management Consultant with 6 yrs and <10 yrs experience  | 1                         | 3,34,264                 | 3,34,264                      | 40,11,168                  |
| 3.                 | Senior Technical Consultant          | Technology Consultant with 6 yrs and <10 yrs experience  | 3                         | 3,34,264                 | 10,02,792                     | 1,20,33,504                |
| Total              |                                      |                                                          |                           |                          |                               | 2,04,20,496                |
| GST (@18%)         |                                      |                                                          |                           |                          |                               | 36,75,689                  |
| <b>Grand Total</b> |                                      |                                                          |                           |                          |                               | <b>2,40,96,185</b>         |

This approval is sought for the estimated expenditure of up to Rs. 240.96 Lakhs towards the deployment of 5 resources. It is submitted that the actual deployment may vary between 2 to 5 resources as per requirement of the project, with the corresponding expenditure ranging from Rs. 99 Lakhs to Rs. 240.96 Lakhs based on actual deployment.

The project would also need funds for operational overheads, including TA/DA for official travel, organizational expenses for technical workshops, state conferences and stakeholder engagement events.

**Project Duration:**

One (1) year, covering the operational extension of the Centre of Excellence (CoE) in Blockchain and setup, development, implementation and Operation & Maintenance (O&M) of blockchain solutions rolled out across designated e-Governance applications.

**Financial Implication:**

| S. N.                                                                           | Item Description                                                           | Amount (Rs. in Lakh) |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------|
| 1.                                                                              | Technical Experts' Services for 1 Year                                     | 240.96               |
| 2.                                                                              | Miscellaneous/Contingency expenses                                         | 10.00                |
| 3.                                                                              | RISL service charges Ref. No. F2.1(22)/RISL/Actt/12/5370 dated: 31.10.2023 | 17.00                |
| <b>Grand Total</b>                                                              |                                                                            | <b>267.96</b>        |
| <b>Grand Total is Rs. Two Crores Sixty-Seven Lakhs Ninety-Six Thousand only</b> |                                                                            |                      |

**Fund Management:**

The expenditure of the CoE for Block-chain project would be met from the budget head of "Centre of Excellence for Block-chain" project.

**The Committee advised to explore and study the effective use cases of Block-chain Technology in e-Governance implemented by other States Governments, so that the suitable use cases may be adopted/ implemented in the Rajasthan State to strengthen the Block-chain ecosystem in the State.**

**The Committee accords technical approval on the proposal having estimated cost of Rs. 267.96 Lakh.**

**6. Project : Technical consultancy services in Coordination cell and PMU (DoIT&C)**

In view of the ongoing and emerging requirements pertaining to the Department's coordination cell regarding study of contemporary policies/guidelines, defining KPIs for project monitoring, preparing vision document, policy formulation, e-Governance roadmap etc., it is required to avail the knowledge of technical consultancy services.

Following is the required role for the manpower engaged for technical consultancy services:

- Provide end-to-end PMU support for planning, coordination, monitoring, and implementation of key IT and e-Governance projects of the Department.
- Support senior leadership with strategic briefs, presentations, concept notes, policy analysis, and decision-making inputs for digital governance initiatives.
- Develop and support preparation of strategic, technical, and operational documents including project frameworks, roadmaps, implementation plans, and policy documents.
- Monitor project progress, milestones, SLAs, compliance requirements, risks, and dependencies to ensure timely and effective project delivery.
- Coordinate with internal departments, technology partners, Central Government agencies (including MeitY), and other stakeholders for seamless execution of digital initiatives.
- Provide implementation support and handholding to project teams for successful adoption and operationalization of IT and e-Governance solutions.
- Support strategic initiatives such as Rajasthan Digital Mission, Rajasthan Digital Infrastructure Facilitation Policy, Rising Rajasthan MoUs, SDG Index reporting, and other State digital transformation programmes.
- Prepare dashboards, progress reports, review notes, and monitoring frameworks to enable effective governance and senior-level project oversight.
- Identify critical success factors, risks, and improvement opportunities to strengthen delivery outcomes of IT and e-Governance projects.
- Support stakeholder communication, awareness initiatives, and coordination activities for digital transformation programmes.
- Provide support in drafting strategic policy documents including Rajasthan Digital Mission Document, Rajasthan Digital Infrastructure Facilitation Policy, and other digital transformation frameworks.

**For the period of 20.06.2025 to 20.06.2026:**

In this regard, it is accorded by PC-III Meeting held in February 2025 for hiring a technical consultant through NICS I Tier-1 Consultancy Services for a period of one-year. It was also envisaged that the cost for the same would be ₹48.00 lakh (inclusive of taxes) born from the budget head "Backend and New Project". The manpower services has been deployed for a period of one year w.e.f 20, June 2025.

Due to Service charge incurred by NICS I and revised rates of resources, the envisaged expenditure for the engagement of manpower for technical consultancy is increased from 48.00 lacs to 55.00 lacs (including GST). As the total expenditure has increased more than 50 lakhs therefore, it is directed to take the matter to SEMT for approval on post-facto basis. The detail of payment as follows.

| Sr. No. | Resource Category                                                          | Nos of Resources | Period                        | Rate/Man Month (Including NICS I Service Charge) | Total Amount (Excluding GST) | Total Amount (Including GST @18%) |
|---------|----------------------------------------------------------------------------|------------------|-------------------------------|--------------------------------------------------|------------------------------|-----------------------------------|
|         |                                                                            |                  |                               | (in Rs.)                                         | (in Rs.)                     | (In Rs.)                          |
|         |                                                                            | (A)              | (B)                           | (C)                                              | D=AxBxC                      | E                                 |
| 1       | Consultants with 10yrs and < 15yrs experience (Technology Profile Tier -1) | 1                | From 20.06.2025 to 21.10.2025 | 3,78,543.38                                      | 15,14,173.52                 | 17,86,724.75                      |
| 2       |                                                                            |                  | From 22.10.2025 to 20.06.2026 | 3,97,470.68                                      | 31,75,491.43                 | 37,47,079.88                      |
|         |                                                                            |                  |                               | Total (Rs.)                                      | 46,89,664.95                 | 55,33,804.66                      |

**For the period of 21.06.2026 to 20.06.2027**

Further, as per the Budget Announcement 2026-27, It is announced to formulate the IT policy for better effective and ethical implementation of e-Governance across the state. In order to formulate the necessary policies for the state and to carry on the above-mentioned tasks in coordination cell, it is required to extend the services of technical consultancy by engaging manpower through NICS I Tier I Manpower for the period of 21.06.2026 – 20.06.2027. Based on previous year expedition and considering the rate revision by NICS I at annual basis the expected expenditure of deployment of manpower for technical constancy is 62.00 lakhs (including charges and taxes).

Therefore, basis the above facts, following are proposed for approval:

1. As the matter related to the hiring of manpower for coordination cell and PMU through NICS I Tier I technical consultancy services for the period of 20.06.2025 to 20.06.2026 has already been taken up with technical committee therefore, the matter may be sent to the upcoming SEMT for approval on post facto basis.

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2. Due to continuous nature of tasks assigned to the manpower for consultancy service and various budget announcement related to policy formation, requirement for the manpower for consultancy services is essential. Therefore, Approval for extension of the manpower engagement for a further period of one year, i.e., from 21.06.2026 to 20.06.2027, along with the requisite budget provision under the existing budget head "Backend & New Projects" is proposed to be accorded.

**The Committee accords post-facto technical approval for duration from 20-06-2025 to 20-06-2026 having estimated cost of Rs. 55.34 lakh and technical approval for the duration from 21-06-2026 to 20-06-2027 having estimated cost of Rs. 62.00 Lakh.**

**7. Project : Hiring of Application Management Team (3 resources) from RISL empanelled agency under IHMS project (DoIT&C/ RISL).**

**Project Background-**

Integrated Health Management System (IHMS) is web-based application to provide healthcare services to patients with electronic health records (EHR). IHMS covers the full spectrum of healthcare delivery—from primary care (PHCs, CHCs) to secondary and tertiary hospitals, including SMS Hospital. More than 5500 hospitals are on boarded in the system and the system registers approximately 4.5 lakh outpatient visits per day.

**Project Development and FMS Partners-**

The current Work Order F4.2(266)/RISL/Tech/2016/ RajKaj Ref No. 18041828 dated 29.09.2025 is awarded to M/s Ohum Healthcare Pvt. Ltd. from 29th September 2025 to 28th September 2026 for Hiring of Services for Upgradation and FMS through Single Source Procurement.

**Current Progress of Project-**

- ABHA enabled ecosystem is offering a unified digital health identity for seamless care across India. Created more than 5.2 crores Jan Aadhaar linked ABHA IDs
- Approx. 5 Crores Health Record linking (EHR) done
- Raj-Upchaar App for online appointment by citizens was launched by Honourable CM on 28th April 2025 to improve service efficiency, and patient care delivery.
- Pharmacy Module is deployed in 2000+ health facilities, is helping in creating ABHA linked EHR and bringing more transparency in drug distribution. Pharmacy Auto Indent functionality will increase availability of drugs without human intervention.
- IHMS Outreach - 15000+ Sub centers configured
- Rollout in 2400+ Ayurvedic, Unani, and Homeopathic centers. Now being rolled out to Around 4500+ health facilities in a phased manner.
- Integration with the Hub and Spoke Model of NHM to provide 148 Lab Test facilities across the state in 1400+ Health Facilities.
- Integration with RGHS and MAA Yojana through ABDM enabled NHCX standard is underway.

**Way Ahead for IHMS-**

1. **The current Work Order is scheduled to expire on 29.09.2026.** Accordingly, the Exit Management Process is to be initiated to ensure a smooth transition and continuity of services.
2. Currently, multiple works are ongoing in IHMS including NHCX compliance, integration with Emitra (mobile app), integration with ESign, EHR linking with ABHA, data cleansing & database optimization, DR setup, etc. Additionally, new requirements have been received from the Medical & Health Department such as customization of dashboard, KPI, DVDMS, etc.
3. The IHMS team is currently involved in horizontal scale-up activities to enhance the system's functionality and extend its reach. This scale-up is a continuous process. Also in light of this, it is essential to provide Facility Management Services (FMS) support beyond 28.09.2026 to ensure operational continuity, system stability, and uninterrupted progress of ongoing initiatives.
4. As per directions of stakeholder departments, for RISL/ DoIT&C to initiate a fresh tendering process for enhanced version of IHMS, i.e, IHMS 2.0, it is estimated that a minimum of 4-5 months will be required to complete the tendering process and issue a new work order. Post award, the selected vendor would require an additional 7-8 months to become fully operational due to the scale and complexity of the IHMS system. Thus, the transition may take approximately 11-13 months to achieve a stable operational state.

Therefore, considering the evolving healthcare requirements, increasing transaction load, the need for enhanced patient services and improved interoperability, it is proposed to engage a dedicated team Application Management Team (AMT) comprising Domain Expert and Technical experts for a duration of two years through a RISL empanelled agency.

The proposed team shall facilitate the Knowledge Transfer (KT) process from the existing implementation team and ensure continuity of services after expiry of the current work order. The team shall also support enhancement, modernization, transition activities, operational support and implementation of the future roadmap of the existing IHMS platform to ensure uninterrupted service delivery and smooth system evolution.

**Hiring of Application Management Team through RISL (From 20.08.2026 to 19.08.2028)-**

A dedicated Application Management Team (AMT) shall be established to provide project governance, implementation oversight, monitoring, coordination, quality assurance, stakeholder management, and technical supervision throughout the project lifecycle. The AMT shall monitor adherence to scope, timelines, deliverables, and service levels. The team will ensure to take part in the process of Knowledge Transfer from the current vendor and provide support and technical assistance to the technical team. The team will assist in preparation and processing of DPR and RFP as per requirement (if required) and will provide support, technical assistance and knowledge transfer to the new onboarded vendor.

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| S. No.       | Role              | Profile                        | Qty.     | Duration<br>(in Months) |
|--------------|-------------------|--------------------------------|----------|-------------------------|
| 1            | Senior Consultant | Sr. Domain Expert (Healthcare) | 1        | 24                      |
| 2            | Consultant        | Technology Profile             | 1        | 24                      |
| 3            | Consultant        | Technology Profile             | 1        | 24                      |
| <b>Total</b> |                   |                                | <b>3</b> |                         |

\* The second Consultant (Technology Profile) would be deployed as per requirement.

**Estimated Financial Implications:**

| S. No. | Role                                     | Qty. | Duration<br>(in months) | MMR excl.<br>GST<br>(Rs.) | Total Cost excl. GST<br>(in Rs.) |
|--------|------------------------------------------|------|-------------------------|---------------------------|----------------------------------|
| 1      | Senior Consultant                        | 1    | 24                      | 255,512.00                | 6,132,288.00                     |
| 2      | Consultant                               | 2    | 24                      | 219,890.00                | 10,554,720.00                    |
|        | Total Team Strength                      | 3    |                         |                           | 16,687,008.00                    |
| i      | Total Cost for AMT (excl. GST)           |      |                         |                           | 16,687,008.00                    |
| ii     | Contingency Charges @ 3% of (i)          |      |                         |                           | 500,610.24                       |
| iii    | GST Charge @ 18% of (i + ii)             |      |                         |                           | 3,093,771.28                     |
| iv     | Total Cost (incl. GST) (i + ii + iii)    |      |                         |                           | 20,281,389.52                    |
| v      | RISL Service Charges @ 10% of (iv)       |      |                         |                           | 2,028,138.95                     |
| vi     | GST on RISL Service Charges @ 18% of (v) |      |                         |                           | 365,065.01                       |
| vii    | <b>Grand Total (iv) + (v) + (vi)</b>     |      |                         |                           | <b>22,674,593.49</b>             |

\* For Application Management Team - Profiles and Rates based on RISL AO Ref: F4.15(06)/RISL/Tech/2024/ 2590 dated 24-07-2025

**Fund Management:**

Under the Digital Health Incentive Scheme (DHIS) against the generation and maintenance of EHRs under IHMS project, a sum of Rs. 141.00 lakh has been received by RISL. An amount of approx. Rs. 350.00 lakh shall be received for which RISL has already submitted claims.

**The Committee deferred the project proposal with directions to re-analysis the gaps in implementation of the project.**

**8. Project : Project Proposal of Rajasthan State Data Center (RSDC) (DoIT&C/ RISL)**

**Background:**

Department of Information Technology & Communication (DoIT&C) had set up four subsequent Data Centres at different intervals as per requirements to provide efficient electronic service delivery of G2G, G2C and G2B services, to enable various State departments to host their services/applications on a common infrastructure leading to ease of integration and efficient management, ensuring that computing resources and the support connectivity infrastructure is adequately and optimally used, to provide better operations & management

control, to minimize overall cost of Data Management, IT Management and Deployment through use of common infrastructure. All the Data Centres are integrated and in operation.

To ensure backup of each and every transaction for business continuity, Disaster Recovery Center (DRC) site was established. An existing data centers at Yojana Bhawan would be utilized as Near DR Site and DRC Jodhpur as Far DR site to ensure business continuity.

Details of the present data centres are as below:

| Phases                      | Location                                      | Approx. Server Farm Area | Rack Space | Date of start of operations | Type of Usage          |
|-----------------------------|-----------------------------------------------|--------------------------|------------|-----------------------------|------------------------|
| Phase - 1<br>(Under NEGP)   | 1st Floor, IT building, Yojana Bhawan, Jaipur | 1700 sq. Ft              | 45         | 27-06-2011                  | Development & Staging  |
| Phase - II<br>(E-Sign)      | New Library Building, Secretariat, Jaipur     | 400 sq. Ft               | 3          | 15-07-2015                  | e-Sign DRC             |
| Phase - III<br>(State Fund) | 3rd Floor, Yojana Bhawan, Jaipur              | 2050 sq. Ft              | 78         | 15-12-2015                  | Near DR & NOC          |
| DR Site Jodhpur             | Arora Circle, Jodhpur                         | 2500 Sq.Ft.              | 80         | 27-07-2018                  | Far DR & e-Sign DC     |
| Phase - IV                  | Jhalana Institutional Area, Jaipur            | 36000 sq. Ft             | 600        | 19-08-2019                  | Production Data Centre |

**Details of earlier approvals of SeMT:**

1. The RSDC P-4 establishment project was placed in the **66<sup>th</sup> meeting of SeMT** held on dated 17-03-2017 wherein SeMT approved initial cost of Rs. 487.00 Crores (inclusive of the estimated IT Infrastructure cost of 100.00 Crores).
2. In **67<sup>th</sup> meeting of SeMT**, the committee accorded technical approval of the project with estimated cost Rs. 94.02 Crores for establishment of DR Site for State Data Centre at Jodhpur.
3. In **73<sup>rd</sup> meeting of SeMT**, the committee accorded revised technical approval of the project with revised estimated project cost of Rs. 709.35 Crores for RSDC P-4 for construction of RSDC P-4 and operational expenditure of the same.
4. In **74<sup>th</sup> meeting of SeMT**, the committee accorded revised technical approval of the project with revised estimated project cost for IT CAPEX and OPEX of Rs 760.00 crores (500.00 Crores for CAPEX + 260.00 Crores for OPEX).
5. In **85<sup>th</sup> meeting of SeMT**, the committee accorded revised technical approval of the project with revised estimated project cost of Rs. 847.57 Crores (Rs. 361.57 Crore for CAPEX and Rs. 513.00 Crore for OPEX).
6. In **105<sup>th</sup> meeting of SeMT**, the committee accorded revised technical approval of the project with revised estimated project cost of Rs. 1174.60 Crores (Rs. 570.00 Crore for CAPEX and Rs. 604.60 Crore for OPEX).

**Present Scenario & proposed SoW:**

RSDC P4 has four (4) modular Server Farm Area (called as POD) of 150 Racks' Space for each. POD-1 & POD-2 are located on 3<sup>rd</sup> floor & POD-3 and POD-4 are located on 1<sup>st</sup> floor.

POD-3 has been utilized for migration of RSDC P1 and RSDC P3 infrastructure and applications of the State. Presently over 1,000 domains, including websites, applications, and portals are hosted in RSDC P-4 and all new production Infrastructure is being created in RSDC P-4.

Additional compute, storage and network capacity upgrades are continuously required to implement new IT-Initiatives at RSDC P-4, Jaipur and DR Site, Jodhpur.

Currently, DoIT&C is in the process of adoption of data center automation tool. It will significantly reduce manual intervention and minimize the risk of downtime or security vulnerabilities. The tool will enable better resource optimization, ensuring that compute power, storage, and network resources are dynamically allocated based on real-time demand, thereby reducing costs and improving energy efficiency.

Also, RSDC is moving towards bare-metal servers from engineered machines. In the process, to enable fast and efficient execution of OLTP transaction. All-Flash storage is required for high-performance workloads like databases and virtualization.

**Security Operation Centre** has been established in 2018 to counter threat and attacks to keep the data secure in RSDC. Multi-layered security framework at RSDC is presently catering to security requirements of RSDC and all the networks (SecLAN, RajSWAN, RajNet, etc.) aggregating at RSDC, Jaipur. Presently, the ATS/subscription of all security devices installed at RSDC is expired, therefore, an RFP for upgradation of Security Operations Center has been floated and currently is in process.

DC-DR setup of all the applications is in process in phased manner which requires allocation of infrastructure at DR Site. DC-DR drill activity of approx. 450 applications/portals has been completed.

It was envisioned to Budget announcement 2026-27 no 128 which is as under-

"128. हमारे द्वारा सुशासन में सुगमता तथा नागरिक सेवाओं में सुधार के साथ प्रदेश को Digital Infrastructure कौशल विकास व शिक्षा एवं स्वास्थ्य के क्षेत्रों में AI के उपयोग में अग्रणी राज्य बनाये जाने के उद्देश्य से AI-ML Policy लागू की गयी है। इसी क्रम में स्वास्थ्य, उद्योग व पर्यावरण जैसे आमजन से जुड़े क्षेत्रों पर केन्द्रित AI के दो Centre of Excellence स्थापित किये जायेंगे। इसके अतिरिक्त AI Infrastructure, प्रशिक्षण, e-Governance, Accounting System सम्बन्धी विभिन्न कार्य किये जायेंगे। "ये कार्य हैं -

| क्र.सं. | कार्यों का विवरण                                                                                                                                                                     |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      | AI Ecosystem को प्रोत्साहन दिये जाने हेतु GPU स्थापित करते हुए High Powered Computing Infrastructure का निर्माण किया जायेगा, जिसे रियायती दर पर Startups को भी उपलब्ध करवाया जायेगा। |

एवं

बजट 2026.27, वित्त एवं विनियोग विधेयक चर्चा पर माननीय मुख्यमंत्री महोदय, राजस्थान द्वारा की गई घोषणा:

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"58. आज के युग में AI व मशीन लर्निंग की उपयोगिता से सभी भलीभांति परिचित हैं। किन्तु इनके स्मार्ट गवर्नेंस में उपयोग हेतु अत्यधिक डाटा के संधारण व प्रोसेसिंग की आवश्यकता होगी। इस दृष्टि से मैं, राज्य में AI एवं क्वांटम कम्प्यूटिंग मिशन प्रारम्भ किये जाने की घोषणा करता हूँ।"

In order to make this vision, the Department of Information Technology & Communication, Government of Rajasthan intends to upgrade the existing PoD Area (Maximum Connected Load 950 kW) at RSDC P-IV into AI/GPU Based PoD by utilizing the existing electrical and cooling infrastructure, with minimal modifications to the currently installed MEP systems and other related Non-IT infrastructures associated with the PoD area & Upgradation of existing LAN & WAN rooms.

Proposed upgradation of PoD would complete in the FY 2026-27 and made operational. It is envisaged that 48 racks with 20 KW per rack load capacity (compatible with planned NVIDIA B300 Server or equivalent Server) would be installed in the PoD.

Keeping in view facts mentioned above, there is requirement of new compute, GPU, storage and network devices, software and some typical engineered machines for smooth functioning of BSDC, Jaipur and DR site, Jodhpur. Therefore, IT Infrastructure requirements need to be revised in future.

**Financial Implication (for current proposal):**

Revised Estimated/ tentative year wise procurement cost has been prepared as follows.

**(A) Estimated CAPEX for existing State Data Centre**

State Data Centre P-4 is made operational and all production portals are being hosted in P-4. Further DR of portals are being made live therefore, CAPEX requirement is essential and inevitable for Rajasthan State Data Centre. The items and their tentative costs which are approved during the 105th SeMT meeting are as below:

(Rs. in Crores)

| S.No. | Particulars                                                                       | 2025-26 | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total |
|-------|-----------------------------------------------------------------------------------|---------|---------|---------|---------|---------|-------|
| 1     | <b>Compute</b>                                                                    |         |         |         |         |         |       |
|       | Servers (Blade along with Chasis/Rack/GPU) and Laptops etc.)                      | 10      | 15      | 15      | 20      | 20      | 80    |
| 2     | <b>Storage</b>                                                                    |         |         |         |         |         |       |
|       | (SAN, NAS, DAS, All Flash Storage, SAN Switches, Director SAN Switch)             | 10      | 8       | 8       | 10      | 12      | 48    |
| 3     | <b>Backup Software and Hardware</b>                                               |         |         |         |         |         |       |
|       | (LTO, Backup Software, VTL, Tape Cartridge, Long term retention H/w modules etc.) | 4       | 3       | 4       | 3       | 4       | 18    |

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|    |                                                                                                                                                                                                                             |            |           |           |            |            |            |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------|-----------|------------|------------|------------|
| 4  | <b>Engineered Machine</b><br>(Oracle Exadata, Oracle Exalogic, IBM PureAPP, Microsoft Azure, HANA Etc.)                                                                                                                     | 12         | 6         | 10        | 10         | 11         | <b>49</b>  |
| 5  | Automation, EMS, NMS etc.                                                                                                                                                                                                   | 10         | 5         | 5         | 5          | 10         | <b>35</b>  |
| 6  | <b>Cloud Solutions (VMWare etc.)</b>                                                                                                                                                                                        | 15         | 12        | 12        | 15         | 12         | <b>66</b>  |
| 7  | <b>Software/Licenses</b><br>(Anti-Virus/End point security, MS SQL Server Software Licenses, Oracle DB licenses, MYSQL DB Licenses, Linux OS, Windows-OS, EMS with Services Desk etc.)                                      | 10         | 8         | 8         | 10         | 12         | <b>48</b>  |
| 8  | <b>Networking</b><br>(GSLB, Load Balancer, Internet Router, ToR Switch, Spine Switches, Internet Firewall, IPS, DC Firewall, SSL Visibility, 10GLAN Connecting Switch, Internet Link Load Balancer, Mgmt. Switch, NAC etc.) | 30         | 8         | 5         | 8          | 10         | <b>61</b>  |
| 9  | <b>Soc and Security Tools</b><br>(SYS Log Analyzer, Forensic, APT, SIEM, WAF etc.)                                                                                                                                          | 65         | 15        | 15        | 45         | 25         | <b>165</b> |
| 10 | <b>Total (CAPEX)</b>                                                                                                                                                                                                        | <b>166</b> | <b>80</b> | <b>82</b> | <b>126</b> | <b>116</b> | <b>570</b> |

**Revised Estimated CAPEX for existing State Data Centre**

(Rs. in Crores)

| S.No. | Particulars                                                                    | 2026-27 | 2027-28 | 2028-29 | 2029-30 | Total      |
|-------|--------------------------------------------------------------------------------|---------|---------|---------|---------|------------|
| 1     | <b>Compute</b><br>Servers (Blade along with Chasis/Rack/GPU) and Laptops etc.) | 40      | 50      | 0       | 60      | <b>150</b> |
| 2     | GPU Stack                                                                      | 10      | 45      | 10      | 10      | <b>75</b>  |
|       | <b>Storage</b>                                                                 | 34      | 8       | 10      | 12      | <b>64</b>  |

|    |                                                                                                                                                                                                                    |               |            |            |            |               |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|------------|------------|---------------|
| 3  | (SAN, NAS, DAS, All Flash Storage, upgradation of storage, 48 Port SAN Switches, 96 Port Director SAN Switch)                                                                                                      |               |            |            |            |               |
| 4  | <b>Backup Software and Hardware</b><br>(LTO Tape library, Backup Software, VTL, Tape Cartridge, Long term retention H/w modules etc.)                                                                              | 11            | 10         | 4          | 4          | 29            |
| 5  | <b>Engineered Machine</b><br>(Oracle Exadata, Oracle Exalogic, IBM PureAPP, Microsoft Azure, HANA Etc.)                                                                                                            | 6             | 10         | 10         | 11         | 37            |
| 6  | Automation, EMS, NMS etc.                                                                                                                                                                                          | 5             | 5          | 5          | 10         | 25            |
| 7  | <b>Cloud Solutions (VMWare etc.)</b>                                                                                                                                                                               | 12            | 12         | 15         | 12         | 51            |
| 8  | <b>Software/Licenses</b><br>(Anti-Virus/End point security, MS SQL Server DB Licenses, PostGres DB Licenses, Oracle DB licenses, MYSQL DB Licenses, Linux OS, Windows-OS, EMS with Services Desk, ZTNA, APM etc.)  | 21            | 8          | 10         | 12         | 51            |
| 9  | <b>Networking</b><br>(GSLB, Load Balancer, Internet Router, ToR Switch, Spine Switches, Internet Firewall, IPS, DC Firewall, SSL Visibility, 10GLAN Connecting Switch, Internet Link Load Balancer, NAC, AAA etc.) | 21            | 5          | 8          | 10         | 44            |
| 10 | <b>Soc and Security Tools</b><br>(SYS Log Analyzer, Forensic, APT, SIEM, WAF etc.)                                                                                                                                 | 15            | 15         | 45         | 25         | 100           |
| 11 | <b>Upgradation of PoD, WAN and LAN rooms at RSDC P-IV</b><br>Civil & Electrical works, HVAC Work, ELV Work and Comprehensive AMC for Next 3 years                                                                  | 25.55         | 0          | 0          | 0          | 25.55         |
| 12 | Data Center Infrastructure (devices) Upgrade                                                                                                                                                                       | 0             | 5.0        | 0          | 0          | 5.00          |
| 13 | <b>Total (CAPEX)</b>                                                                                                                                                                                               | <b>200.55</b> | <b>173</b> | <b>117</b> | <b>166</b> | <b>656.55</b> |

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**(B) Estimated OPEX for existing State Data Centre**

(Rs. in Crores)

| S.No. | Particulars                                                       | 2025-26       | 2026-27      | 2027-28       | 2028-29      | 2029-30      | Total        |
|-------|-------------------------------------------------------------------|---------------|--------------|---------------|--------------|--------------|--------------|
| 1     | ATS of hardware/ software & Subscription and SOC devices/Licenses | 40            | 40           | 40            | 50           | 50           | 220          |
| 2     | FMS and Manpower (IT + Non-IT + SoC )                             | 35            | 37.5         | 40            | 42.5         | 45           | 200          |
| 3     | PMU                                                               | 4             | 4.5          | 5             | 5.5          | 6            | 25           |
| 4     | VAPT & TPA (IT + Non IT) and other Audits/ Testing                | 3             | 3.25         | 3.5           | 3.75         | 4            | 17.5         |
| 5     | Security                                                          | 0.6           | 0.6          | 0.6           | 0.75         | 0.75         | 3.3          |
| 6     | Gardening                                                         | 0.15          | 0.15         | 0.15          | 0.15         | 0.2          | 0.8          |
| 7     | Cleaning/Facility Services                                        | 1             | 1            | 1             | 1.25         | 1.25         | 5.5          |
| 8     | Electricity & Diesel Expenses                                     | 20            | 22           | 24            | 26           | 28           | 120          |
| 9     | Misc. Charge                                                      | 2.5           | 2.5          | 2.5           | 2.5          | 2.5          | 12.5         |
| 10    | <b>Total (OPEX)</b>                                               | <b>106.25</b> | <b>111.5</b> | <b>116.75</b> | <b>132.4</b> | <b>137.7</b> | <b>604.6</b> |

**Revised Estimated OPEX for existing State Data Centre:**

(Rs. in Crores)

| S.No. | Particulars                                                                  | 2026-27       | 2027-28       | 2028-29       | 2029-30      | Total         |
|-------|------------------------------------------------------------------------------|---------------|---------------|---------------|--------------|---------------|
| 1     | ATS/AMC of hardware/ software / licenses & Subscription (IT + Non-IT + SoC ) | 57            | 61            | 63            | 69           | 250           |
| 2     | FMS and Manpower (IT + Non-IT + SoC )                                        | 53            | 52            | 53            | 55           | 213           |
| 3     | PMU                                                                          | 4.5           | 5             | 5.5           | 6            | 21            |
| 4     | VAPT & TPA (IT + Non IT) and other Audits/ Testing                           | 3.25          | 3.5           | 3.75          | 4            | 14.50         |
| 5     | Security                                                                     | 0.77          | 0.85          | 0.93          | 1.03         | 3.58          |
| 6     | Gardening                                                                    | 0.15          | 0.15          | 0.15          | 0.2          | 0.65          |
| 7     | Cleaning/Facility Services                                                   | 1             | 1             | 1.25          | 1.25         | 4.50          |
| 8     | Procurement of Batteries                                                     | 2.22          | 0.24          | 3.29          | 0.42         | 6.17          |
| 9     | Electricity & Diesel Expenses                                                | 25.00         | 35.00         | 36.00         | 38.00        | 134.00        |
| 10    | Misc. Charge                                                                 | 2.5           | 2.5           | 2.5           | 2.5          | 10            |
| 11    | <b>Total (OPEX)</b>                                                          | <b>149.39</b> | <b>161.24</b> | <b>169.37</b> | <b>177.4</b> | <b>657.41</b> |

**Summarized Revised Financial Implication:**

(Rs. in Crores)

| S.No. | Particulars                                   | 2026-27       | 2027-28       | 2028-29       | 2029-30      | Total          |
|-------|-----------------------------------------------|---------------|---------------|---------------|--------------|----------------|
| A     | Estimated CAPEX of existing State Data Centre | 200.55        | 173           | 117           | 166          | 656.55         |
| B     | Estimated OPEX of existing State Data Centre  | 149.39        | 161.24        | 169.37        | 177.40       | 657.41         |
| C     | <b>Total Cost (CAPEX+OPEX)</b>                | <b>349.94</b> | <b>334.24</b> | <b>286.37</b> | <b>343.4</b> | <b>1313.96</b> |

**Fund Management:**

Expenditure would be met from SDC & NOC Budget Head of Dept. of IT&C.

**The Committee deferred the project proposal with directions to re-assess the cost of the proposal.**

- 9. Project :** **Technical Support Unit (TSU) for implementation and rollout of initiatives for "Service Delivery through WhatsApp Platform" and "Mini e-Mitra" (RISL)**

**Project Summary:**

The State Government, in its **Budget for FY 2026-27**, has announced a set of citizen service delivery initiatives aimed at expanding access, improving ease of use, and strengthening time-bound delivery through both digital and assisted channels. The key budget announcements related to service delivery are as under:

1. In the first stage of onboarding services on messaging platforms- **WhatsApp**, it has been announced that 100 services shall be made available to citizens through WhatsApp, with the objective of enhancing ease of use and expanding outreach.

IV. वर्तमान में प्रदेशवासियों को e-Mitra के माध्यम से 600 (छह सौ) से अधिक सेवाएँ उपलब्ध करवायी जा रही हैं। आगामी वर्ष, प्रथम चरण में 100 (सौ) प्रमुख सेवाओं को **Whats App Platform** पर भी शुरू किया जाना प्रस्तावित है।

2. The State has announced authorization and empowerment of 25,000 youth and women across Rajasthan to operate as **"Mini e-Mitra"** and deliver citizen services through a mobile-based service delivery mode, thereby substantially expanding last-mile assisted delivery beyond the existing ecosystem.

V. साथ ही, मोबाइल आधारित सेवा प्रदान करने के लिए 25 हजार (पच्चीस हजार) युवाओं एवं महिलाओं को **'Mini e-Mitra'** के रूप में अधिकृत किया जायेगा।

**Duration:** 2 years (24 months)

**Scope of Work:**

Implementation of the 'e-Mitra services through WhatsApp Platform and 'Mini e-Mitra' ecosystem involve a series of highly specialized technical activities that cannot be executed through routine operational processes alone. These activities include large-scale API integration, complex business process reengineering, mobile-first workflow redesign and advanced application enhancements.

Currently, e-Mitra is in the O&M phase. The new domains introduced under the budget announcements require the specialized technical expertise, including proficiency in modern mobile technologies and integration frameworks.

The Budget 2026-27 initiatives—services on WhatsApp and statewide Mini e-Mitra enablement are large, engineering-led programmes that cut across departments, channels and systems. Realization demands end-to-end BPR, API-first departmental onboarding, secure identity and payments, rigorous steady-state operations, and continuous analytics. These require specialist technical capacity. A Technical Support Unit (TSU) is therefore envisaged to include the required expert manpower for timely, secure, and uniform execution.

The TSU will be responsible for:

- Business Process Reengineering (BPR) and service standardization
- API-led integration of departmental systems with WhatsApp platform
- Channel enablement for WhatsApp and enhance mobile app with parity of outcomes (application → payment → decision → issuance)
- Security & quality Assurance
- Programme management (departmental SPOC coordination, adoption and capacity building).

**Stakeholders:**

- Various Government Departments and PSUs – Integrate their services on WhatsApp.
- Business Entities – Integrate their services on WhatsApp.
- Local Service Providers – For establishing and managing Mini e-Mitras
- Payment Gateway Aggregator – For Payment collection services on WhatsApp
- Business Service Provider (BSP) of WhatsApp (Meta) – M/s Pinnacle
- Citizens (Youth, females and all residents of Rajasthan) - Beneficiaries

**Mode of Project Execution:** Rate Contract RISL Tier 1 Empanelment

**Project Implementation Agency:** RISL Tier 1 Empanelment Agency

**Financial Implications / Estimated Project Cost:** The new domains introduced under the budget announcements require the following specialized technical expertise, including proficiency in modern mobile technologies, and integration frameworks.

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The required technical manpower, as detailed below, will cost approximately **₹1.18 Cr (inclusive of GST)**-

| S. No.                                                                                 | Profile<br>(B. Tech / BE in any discipline / MCA / M Sc. (IT) with relevant experience) | Qty . | Exp.         | Rate per month (Incl. GST) - RISL Tier 1 Empanelment | Duration (Months) | Total Cost (In Rs) |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------|--------------|------------------------------------------------------|-------------------|--------------------|
| 1                                                                                      | Sr. Developer (Java) [A4 – Application Framework]                                       | 1     | Min. 8 Years | 1,53,400                                             | 12                | 18,40,800.00       |
| 2                                                                                      | Sr. WhatsApp Chatbot Developer / Flutter Lead Developer [A2 – Scripting Language]       | 2     | Min. 6 Years | 1,51,040                                             | 12                | 36,24,960.00       |
| <b>Cost for First Year (A)</b>                                                         |                                                                                         |       |              |                                                      |                   | 54,65,760.00       |
| <b>Cost for Second Year (B = 110% of A)</b>                                            |                                                                                         |       |              |                                                      |                   | 60,12,336.00       |
| <b>Cost of Two (2) Years (C = A + B)</b>                                               |                                                                                         |       |              |                                                      |                   | 1,14,78,096.00     |
| <b>Contingencies (D = 2% of C)</b>                                                     |                                                                                         |       |              |                                                      |                   | 2,29,561.92        |
| <b>Total Cost of Two (2) Years, including Contingencies (C + D)</b>                    |                                                                                         |       |              |                                                      |                   | 1,17,07,657.92     |
| <b>(In Words) One Crore Seventeen Lakhs Seven Thousand Six Hundred and Fifty Seven</b> |                                                                                         |       |              |                                                      |                   |                    |

**Integration with State APIs:**

Involves API based integration for onboarding services of various government department & organizations on WhatsApp and Mobile App. Involves integration with core eGovernance components of State such as Jan Aadhaar, eVault, Raj Masters, OBMS etc.

**Fund Management:**

The estimated expenditure of approximately Rs. 117.00 Lakh (inclusive of GST) may be met from the e-Mitra project.

**Other important aspects to be taken care of:** M/s Trigyn Technologies Ltd. was selected through an open tender in 2022 as the Technology Partner for the redesign, revamp, development, and Operations & Maintenance (O&M) of the e-Mitra suite. As per the contract, the firm was required to complete the development of the revamped e-Mitra suite on a microservices-based architecture within one year, i.e., by July 2023, and thereafter provide O&M services for a period of five years from the Go-Live of the revamped application, up to July 2028.

However, the procurement of the required hardware and software stack for the microservices-based architecture by RISL took longer than anticipated, resulting in a delay in the Go-Live of the revamped e-Mitra suite. The delay was attributable to infrastructure readiness and was not on account of M/s Trigyn Technologies Ltd. The revamped e-Mitra suite was subsequently made live on 1 August 2025, and the e-Mitra project is presently in the O&M phase.

The above initiatives necessitate dedicated focus and resources beyond day-to-day operational responsibilities. Given that e-Mitra is the primary citizen service delivery platform for emerging

digital channels, including WhatsApp, it is imperative to strengthen internal project capabilities to facilitate timely implementation, effective stakeholder coordination, improved governance, and swift resolution of operational and technical issues.

**The Committee accords technical approval on the proposal having estimated cost of Rs. 117.00 Lakh.**

**10. Project : Upgradation, Modernization and Maintenance of Raj-eSign Infrastructure for the period of 01-04-2026 to 31-03-2026 (5 F.Y.) (DoIT&C)**

**Project Summary:**

The Controller of Certifying Authorities (CCA), Government of India, has authorized RajCOMP Info Services Ltd. (RISL) as a Certifying Authority (CA); the CA license was renewed on 19th September 2024 and is valid for 5 years, i.e., up to 18<sup>th</sup> September 2029. As per Section 24 of the Information Technology Act, 2000, a Certifying Authority is an agency licensed to provide the following services:

- E-Signing Service;
- Digital Signature Certificates;
- Time-Stamping Services;
- Document Signer Certificate; and
- Code Signing.
- Email Signing.

RISL CA runs its e-Sign solution under the name Raj e-Sign. Raj e-Sign Service is an established and operational service that facilitates easy, efficient, and secure signing of electronic documents through signer authentication.

**e-Sign Infra:**

- RISL has established the requisite technical and operational infrastructure to support the provisioning of eSign services and Digital Signature Certificates (DSCs).
- For this purpose, dedicated eSign Data Centers are operational at Jodhpur and Jaipur, wherein Jodhpur functions as the Primary Data Centre (DC) and Jaipur serves as the Disaster Recovery (DR) site, thereby ensuring service continuity and resilience.

**e-Sign Solution:**

- Two versions of the e-Sign System exist – 2.1 and 3.2.
  - Under eSign 2.1, subscriber authentication is carried out using Aadhaar eKYC (UIDAI)
  - Under eSign 3.2, subscriber's authentication is carried out through RISL's own in-house eKYC process, conducted in accordance with CCA guidelines, without reliance on Aadhaar.
- Application Service Providers (ASPs) are integrating this e-Sign service within their applications to enable users to electronically sign documents in a legally valid and secure manner.
- At present, more than 70 Applications of 55 Application Service Providers (ASPs) have been integrated and are actively utilizing the eSign service. Major ASPs include RajKaj, Excise, Pehchan (for issuance of Birth, Marriage and Death Certificates), IFMS, and CCTNS (for registration of online FIRs).

- As per CCA guidelines, RISL CA is required to conduct a Disaster Recovery (DR) Drill on a half-yearly basis. In June 2026, RISL successfully executed one of its most comprehensive DR Drills to date, with the drill running continuously for 5 days, validating failover readiness between the Primary DC (Jodhpur) and the DR site (Jaipur).

#### **Raj e-Sign Statistics:**

- Raj e-Sign has achieved significant growth since its inception. From processing its first transaction in 2022 using version 2.1, the platform now handles approximately 4 to 5 lakh transactions monthly as of June 2026. Integrated across more than 70 applications for over 55 departments and Application Service Providers (ASPs), this expansion has been sustained entirely on the platform's initial infrastructure.
- Growth in quarterly eSign transactions over the last one year:

| eSign/Month | APR-JUNE25 | JUL-SEP25 | OCT-DEC25 | JAN-MAR26 | APR-JUN26 |
|-------------|------------|-----------|-----------|-----------|-----------|
| E-Sign      | 13,32,704  | 15,76,466 | 16,88,337 | 17,94,826 | 16,34,146 |

#### **New Solutions Designed and Developed During the Last One Year**

##### **API Engine 2.1:**

- In eSign 2.1, the wrapper API handles pre-processing, XML request payload preparation, and post-signing operations to simplify integration for the Application Service Provider (ASP).

##### **API Engine 3.2:**

- In eSign 3.2, the workflow evolves from direct raw document hash submission to a Signed Reference (SignedRef) model, improving protocol efficiency and standard compliance.

##### **Template Based Signature Design**

- Raj e-Sign has also developed template-based signature placement, comprising 7 templates offering differing signature styles — including tick-mark placement to the left or right of the signer's name, along with the signer's designation. These templates have been designed to ensure uniform signature stamping across all three signing methods — eSign 2.1, eSign 3.2 and DSC-based signature — providing a consistent visual and functional signing experience regardless of the authentication mode used.

##### **Centralized Monitoring Application:**

The Raj-eSign team has developed a centralized monitoring application to effectively track and manage eSign transaction activities. The application currently supports the following key features:

- Real-time monitoring of eSign transactions.
- ASP-wise (Application Service Provider) monitoring of eSign transactions.
- Version-wise monitoring of eSign transactions (Versions 2.1 and 3.2).
- Day-wise, month-wise, and year-wise monitoring of eSign transactions.
- Trend analysis of eSign transactions.
- Reporting of eSign transaction failures.

**Clearance in CCA Compliant Audit:**

RISL CA is also subject to periodic External Audit by a CCA-empaneled Auditor, in addition to the audits conducted by UIDAI and RISL's own internal audit function. In the External Audit conducted during 2025, RISL CA cleared all observations raised by the auditor except those pertaining to hardware upgradation — which is a principal driver of the infrastructure upgradation proposed in Section 6 below.

**Details of OLD SeMT Approvals:**

- 62<sup>nd</sup> meeting of SeMT Dated: 23.09.2016 and approved amount was Rs 2650 Lacs
- 94<sup>th</sup> meeting of SeMT dated: 22.10.2022 and approved amount was Rs 3104.30 Lacs

**Duration:**

From 01.04.2026 to 31.03.2031 (For 5 Financial Years)

**Scope of Work:**

**1) New Hardware Infrastructure Setup**

- a) RISL CA undergoes an annual audit by a CCA-empaneled auditor. During the recent audit conducted in 2025, **the auditor raised observations regarding the use of End-of-Support/End-of-Life hardware and OS in the Raj-eSign project.** Hardware and OS upgradation is mandatory to close these observations. RISL shall upgrade the identified hardware and OS to currently supported, vendor-backed versions to mitigate the risks and ensure compliance with CCA requirements.
- b) Replace the existing hardware infrastructure that has reached End-of-Life (EoL)/End-of-Support (EoS), for which OEM support has already expired.
- c) Change the existing Nutanix Hypervisor and Nutanix Nodes, which have reached end of life, to VMware Hypervisor and VMware-based hardware available in DC.
- d) Provision ~3x enhanced compute capacity (CPU and RAM) to support growth from the current 4-5 lakh to a targeted 12-15 lakh eSign transactions per month.
- e) Renew and upgrade the licensing of the already-deployed backup servers and tape library system (~100 media tape units), to accommodate increased data volumes and continue meeting the CCA-mandated data backup policy of 7 years (2 years live + 5 years archive).
- f) Migrate from the currently-deployed Oracle Database 12c Enterprise Edition to Oracle 19c Enterprise Edition, along with renewal of ATS, and renewal of the CommVault/OpManager/ServiceDesk Plus/Event Log Analyzer suite, to sustain backup, monitoring, and IT service-management functions.

**2) New Solutions In-pipeline**

- a) **Redirection-based eSign interface** — to ease the signing process for ASPs, a payment-gateway-style model where the signer is redirected to a central Raj-eSign interface offering a choice of signing methods (eSign 2.1, eSign 3.2, DSC-based signature) at the point of signing, rather than each ASP integrating a single hard-coded method. This is intended to reduce integration friction for departments onboarding to e-Sign, and signing friction for officers.
- b) **Centralized Monitoring Application** — In addition to the features already developed, the monitoring application will be enhanced with the following capabilities:

1. Identification of suspected misuse of eSign solutions/APIs based on defined risk parameters and usage patterns.
2. Blocking/restricting access for ASPs or entities identified as suspected misuse sources.
3. New feature implementations as per on-going requirements.

- c) **ADV (Aadhaar Data Vault) Implementation:** Implementation of the Aadhaar Data Vault (ADV) API for tokenization and de-tokenization of Aadhaar data, in line with UIDAI's data-minimization and security requirements. As part of this, RISL is also innovating towards a simplified signing experience wherein the subscriber will only need to enter the last four digits of their Aadhaar number to complete signing via Raj-eSign 2.1, reducing friction while remaining fully compliant with UIDAI's masking and data-protection norms.

### 3) DSC Token Issuance – Phased Expansion

- a) DSC issuance is proposed to be extended beyond Headquarters level in a phased manner during this proposal period. Phase-1 will cover District-level officers for DSC issuance in FY 2026-27, and Phase-2 will cover Block-level officers for DSC issuance in FY 2027-28 and onwards.
- b) DOIT&C's Field-level staff (IA & AP) will provide facilitation and hand-holding for the DSC issuance process at district and block level.
- c) During District and block-level coverage, a dedicated helpline will be required to be set up at Headquarters level to support faster approval of eKYC, day-to-day issuance and usage issues at that scale.

### 4) E-Sign Transaction Volume Growth

- a) Building on the growth set out above, Raj-eSign targets 12-15 lakh transactions / month by FY 2030-31, driven by the department expansion as more and more departments adopting technologies and integrating eSign, product innovation and DSC roll-out set out above.

| Metric      | FY26-27  | FY27-28 | FY28-29  | FY29-30   | FY30-31   |
|-------------|----------|---------|----------|-----------|-----------|
| eSign/Month | 5-6Lakh  | 7-8Lakh | 9-10Lakh | 11-13Lakh | 13-15Lakh |
| DSC Issue   | District | Block   | Block+   | Block+    | Block+    |

### 5) FMS and Manpower.

- a) Extending DSC issuance service up to block level, in a phased manner — District level (2027) followed by Block level (2028) — for ease of access and wider adoption across departments. Field-level staff will provide facilitation and hand-holding for the DSC issuance process, supported by a dedicated helpline once block-level coverage goes live. A **dedicated team of at least 4 persons** will be required for faster approval process of eKYC accounts, to support in day-to-day usage issues etc.
- b) Continuation of manpower support for the eSign project for uninterrupted operations, technical support and application maintenance. At present, 6 resources stand approved (2 support & 3 developers, 1 Project Manager); going forward, **only 4 Application Developers will be required** to support the expanded scope of work, including the product and platform initiatives outlined above.

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- c) At least **one dedicated resource** is required for compliance documentation, updating policy documents, and tracking regulatory guidelines issued by UIDAI/CCA/CERT-In on an ongoing basis.

**In-House Development of eKYC Product**

- It is proposed to develop an in-house eKYC product to establish a secure, scalable, and compliant identity verification platform for digital certificate issuance and other digital services. The product will be designed to align with current and future regulatory requirements while reducing dependency on third-party solutions.
- The proposed eKYC product will provide the following identity verification modules:
  - Organizational eKYC
  - Aadhaar-based eKYC (Online and Offline)
  - PAN-based eKYC
  - Passport-based eKYC for Foreign Nationals
- The development will be carried out in a phased manner. **Phase I** will focus on the implementation of the **Organizational eKYC** module. **Phase II** will include Aadhaar-based eKYC (Online and Offline), PAN-based eKYC, and Passport-based eKYC for Foreign Nationals.
- To strengthen identity verification and enhance user experience, the product will integrate with **Digi-Locker** for secure retrieval and verification of user documents. Additionally, **Aadhaar-based Face Authentication** will be integrated to facilitate secure video verification of subscribers, providing an additional layer of assurance during the identity verification process.
- The application will be developed in strict compliance with the guidelines issued by the Controller of Certifying Authorities (CCA) and applicable security standards. **Prior to deployment in the production environment, the complete solution will undergo a comprehensive security and compliance audit by a CCA-empanelled auditor.** The product will be released for production use only after successful completion of the audit and compliance verification, ensuring adherence to all applicable CCA guidelines and security requirements.

**Stakeholders:**

- Department of Information Technology & Communication (DoIT&C), Government of Rajasthan
- RajCOMP Info Services Ltd. (RISL) — Implementing Agency
- Controller of Certifying Authorities (CCA) / MeitY, Government of India
- Application Service Providers (ASPs) integrated with Raj-eSign — Pehchan, IFMS, CCTNS, and future ASPs
- District and Block-level offices (for extended DSC issuance facilitation)

**Mode of Project Execution:**

- Hardware and Software procurement will be done through open tender.
- Manpower hiring will be done through RISL empanelled agencies.

**Project Implementing Agency: RISL**

**Financial Implication / Estimated Project Cost:**

- Financial Summary for the Five financial year is mentioned below and detailed financial sheet is annexed.

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| (Rs in Lacs) |                 |                 |               |               |               |               |                 |
|--------------|-----------------|-----------------|---------------|---------------|---------------|---------------|-----------------|
| SN           | Particulars     | FY26-27         | FY27-28       | FY28-29       | FY29-30       | FY30-31       | Total           |
| 1            | Estimated CAPEX | 2,589.84        | 264.52        | 264.52        | 264.52        | 264.52        | 3,647.91        |
| 2            | Estimated OPEX  | 233.18          | 234.55        | 273.83        | 278.51        | 281.37        | 1,301.44        |
|              | <b>Total</b>    | <b>2,823.02</b> | <b>499.07</b> | <b>538.35</b> | <b>543.03</b> | <b>545.88</b> | <b>4,949.35</b> |

**Fund Management:**

The funds for the project would be from Budget Head of State Data Center.

The Committee directed for detailed analysis of the data of DSC users and Raj e-Sign users and may be perused to the Chairman-SeMT.

The Committee accords technical approval on the project proposal having estimated cost of Rs. 4949.35 Lakh.

**11. Project : Implementation of Jaipur City Intelligent Traffic Management System (ITMS), Adaptive Traffic Control System (ATCS) under BOOT/PPP (Revenue Sharing) Model and Establishment of Integrated Command & Control Centre (ICCC)" (JDA)**

Jaipur is one of the fastest-growing metropolitan cities in the country and has witnessed a significant increase in vehicular population, traffic congestion, road accidents and mobility challenges. The existing traffic management system relies largely on manual enforcement and isolated surveillance infrastructure, limiting the ability to effectively monitor, regulate and optimize traffic operations.

To address these challenges, Jaipur Development Authority (JDA) proposes implementation of a city-wide Integrated Command & Control Centre (ICCC) integrated with an Intelligent Traffic Management System (ITMS) and Adaptive Traffic Control System (ATCS).

The proposal is based on the decisions taken in the 95th Meeting of the Traffic Control Board (TCB), recommendations of the ICCC Committee and the findings of inter-departmental study visits undertaken to Surat, Lucknow, Prayagraj and Sikkim for studying similar implementations across the country.

**The proposed project broadly comprises:**

- Adaptive Traffic Control System (ATCS) at 68 signalized junctions.
- Intelligent Traffic Management System (ITMS) at 325 locations across Jaipur City (Extendible up to 500 locations).
- Video Analytics and Video Management System (VMS).
- Communication Backbone and Centralized Monitoring Platform.
- Comprehensive Operation & Maintenance during the concession period.

**Project Objectives:**

- Improve traffic mobility and reduce congestion.

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- Enhance road safety through intelligent enforcement.
- Increase compliance with Motor Vehicle Act provisions.
- Enable centralized monitoring and coordinated incident response.
- Improve emergency response through integrated command and control.
- Create a scalable Smart City traffic management ecosystem.
- Utilize Artificial Intelligence for automated traffic management and analytics.

**Technical Specifications:**

The proposed ITMS solution shall comprise a centralized command platform integrated with intelligent field devices, analytics, communication infrastructure, software applications and open interfaces to Government systems.

**Major Components**

- Adaptive Traffic Control System (ATCS)
- Intelligent Traffic Management System (ITMS)
- Video Management System (VMS)
- Video Analytics Platform
- Automatic Number Plate Recognition (ANPR)
- Red Light Violation Detection (RLVD)
- Speed Enforcement System
- Traffic Signal Controllers
- Surveillance Cameras
- Communication Network
- Data Centre Infrastructure
- GIS Platform
- Cyber Security Framework
- Open API Integration Platform

**Key Functional Requirements & Use Cases**

| S. No. | Functional Requirement                    | Indicative Use Cases                                                                                                                                                                          |
|--------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Traffic Violation Detection & Enforcement | Red Light Violation, Stop Line Violation, Zebra Crossing Violation, Wrong Side Driving, Wrong Lane Driving, Illegal U-Turn, One-Way Violation, Bus Lane Violation, Lane Discipline Monitoring |
| 2      | Speed Enforcement                         | Instant Speed Detection, Average Speed Enforcement, Overspeed Analytics and Automated e-Challan Generation                                                                                    |
| 3      | Vehicle Identification & Compliance       | Automatic Number Plate Recognition (ANPR), Blacklisted/Stolen Vehicle Detection, Vehicle Classification, Non-Standard Number Plate Detection, Registration Verification                       |
| 4      | Road Safety Monitoring                    | Helmet Detection, Triple Riding, Seat Belt Violation, Mobile Phone Usage While Driving, Dangerous/Rash Driving Detection                                                                      |
| 5      | Parking Management & Enforcement          | Illegal Parking, No Parking, No Stopping Zone, Junction Blocking, Footpath Parking and Parking Occupancy Monitoring                                                                           |
| 6      | Adaptive Traffic Control & Junction       | Adaptive Signal Control, Traffic Density Analysis, Queue Length Monitoring, Green Time Optimization and Junction                                                                              |

|    | Management                                    | Performance Monitoring                                                                                                                          |
|----|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 7  | Incident Detection & Emergency Response       | Accident Detection, Vehicle Breakdown Detection, Road Obstruction Detection, Emergency Vehicle Priority and Traffic Congestion Alerts           |
| 8  | Public Safety & Smart Surveillance            | Suspicious Vehicle Tracking, Crowd Monitoring, Animal on Road Detection, Illegal Waste Dumping Detection and Public Area Surveillance           |
| 9  | Central Command, Analytics & Decision Support | ICCC Dashboard, Video Management System (VMS), GIS-based Monitoring, AI Video Analytics, Event Management, MIS Reports and Decision Support     |
| 10 | System Integration & Citizen Services         | Integration with VAHAN, SARATHI, e-Challan, Traffic Police Systems, GIS Platforms, Open APIs, Web & Mobile Dashboards and Notification Services |

#### Data Centre Infrastructure

All application software, databases, middleware, analytics platform, Video Management System (VMS), ITMS, ATCS and supporting application servers shall be hosted at the State Data Centre (SDC), Government of Rajasthan.

#### Execution Plan

The project is proposed to be implemented under the BOOT/PPP (Revenue Sharing) model with a concession period of 12 years, comprising 2 years for implementation and 10 years for comprehensive Operation & Maintenance.

#### Project Phases

| Phase                         | Scope of Activities                                                                                                                                                                                                                                           | Duration |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| Implementation Phase          | Detailed Survey, Design, Engineering, Supply, Installation, Testing, Commissioning, Communication Network, Software Development, Integration with Government Systems, Deployment of ITMS & ATCS, User Acceptance Testing and Go-Live.                         | 2 Years  |
| Operation & Maintenance Phase | Comprehensive Operation of ICCC, Preventive & Corrective Maintenance, Software Upgrades, Cyber Security Management, Analytics Support, Hardware Replacement, Communication Maintenance, SLA Monitoring, Capacity Building and Continuous System Optimization. | 10 Years |

#### Implementation Roll-out Schedule

| Period | Implementation Milestone                                                                                                                             |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year-1 | Completion of detailed survey, system design, communication backbone and deployment of approximately 50% of the proposed ITMS & ATCS infrastructure. |
| Year-2 | Completion of remaining implementation, integration, testing, commissioning, city-wide Go-Live and Final Acceptance of the complete system.          |

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**Financial Provisions**

The estimated project cost is approximately Rs. 350 Crore (excluding applicable GST). The project shall be implemented through BOOT/PPP (Revenue Sharing) model. Revenue shall be generated through Motor Vehicle Act (MVA) challans issued using the proposed ITMS and shall be based on the amount actually realized.

| Particulars                    | Approx. Estimated Cost (excluding applicable GST) | Indicative Scope                                                                                                                                                                                                                                                                              |
|--------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Capital Expenditure (CAPEX)    | Rs. 200 Crore                                     | Survey & Design, Field Equipment (ANPR, RLVD, CCTV, Speed Detection Systems, ATCS), Traffic Signal Controllers, Communication Network (OFC & Networking), Software Applications, System Integration, Testing & Commissioning, SDC Infrastructure Provisioning.                                |
| Operational Expenditure (OPEX) | Rs. 140 Crore                                     | Operation & Maintenance of ITMS, Field Equipment Maintenance, Software Support & Upgrades, Communication Charges, Cloud/SDC Resource Utilization, Cyber Security, Training, Manpower, Replacement of Defective Components, Utilities, Insurance and Contingency during the concession period. |
| Contingency                    | Rs. 10 Crore                                      |                                                                                                                                                                                                                                                                                               |
| Total Project Cost             | Rs. 350 Crore                                     | Estimated cost over the 12-year concession period.                                                                                                                                                                                                                                            |

**Revenue shall be distributed in the following order:**

- Concessionaire's share in % of total realized challans, as discovered through competitive bidding.
- 10% of the realized challan revenue shall be earmarked as JDA Administrative Fund for operation and maintenance of the ICCS, logistics & replacement of critical components and other project-related administrative expenses.
- The balance realized challan revenue shall accrue to the Government

**Fund Management:**

The funds for the project would be from Jaipur Development Authority (JDA), Jaipur.

**JDA Secretary along with his team gave a detailed presentation to the committee and apart from the agenda, the following points were also discussed:**

1. ITMS may not only use for traffic surveillance, but also be deployed for city infrastructure and civic services/ amenities monitoring.
2. JDA should ensure the existing ITMS/ IT/ Non IT infrastructure provided by DoIT&C should be integrated in a proper manner.

3. Detailed discussions were held on hosting the applications at the Data Center. DoIT&C informed that since the project involved detailed video analytics/ AI based analytics, high compute infrastructure, GPUs would be required for which up gradation at BSDC would have to be undertaken.
4. After detailed deliberation, it was decided unanimously that hosting environment would be provided by DOIT&C by upgrading the existing infrastructure. JDA may look for cloud based hosting as an alternate, so that there are no operational challenges in the implementation of the project.

**The Committee accords technical approval on the project proposal having estimated cost of Rs. 35000.00 Lakh contingent upon the compliance of the above mentioned points.**

**12. Project : Six (06) Month Extension of Project Support Unit for various e-Governance Initiatives (e-Mitra) (DoIT&C/ RISL)**

**Project Summary:**

Six-month extension of ongoing Work order issued vide no. F4.9(1189)/ RISL/ Tech/ Misc/2025/18273223 dated 14.10.2025 to M/s Dev Information Technology Ltd. for Providing Project Support Unit (PSU) for e-Governance initiatives under e-Mitra plus Project.

Currently, maintenance of e-Mitra Plus machines is handled by District-Level Offices of DoIT&C. Given the citizen-centric nature of e-Mitra Plus project, centralized support services for software integration, development, enhancement, live webcast, and video conferencing are essential for operations of the project.

**Details of earlier SeMT approval(s):**

- SeMT number(s) and date(s): 107<sup>th</sup> SeMT Dated: 20-06-2025
- Details of amount(s) approved: 80.00 Lakhs

**Duration:** Six (6) Months

**Scope of Work (SoW):**

- Integration, development, and enhancement of existing applications.
- Data management and analytics, bug fixes, and security compliances.
- Close collaboration with banks and fintech for onboarding services.
- Engagement with other government portals for requirement gathering and data collection.
- Coordination with District Offices and relevant departments for video conferencing, webcasting, addressing queries, and conducting Information, Education, and Communication (IEC) activities.
- Supporting project operations through regular reporting, monitoring, and documentation.

**Stakeholders:** DOIT&C, Planning Department, RISL and Citizen of Rajasthan State.

**Mode of project execution:** Open Competitive Bidding:- Six-month extension of existing partner M/s Dev Information Technology Ltd.

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**Project Implementing Agency:**

Name of the implementing agency such as: RFP based Selection of M/s Dev Information Technology Ltd. - An Agency for Providing Project Support Unit (PSU) for e-Governance Initiatives.

**Integration with State APIs:**

Necessary integration with State Government IT Architecture, Framework & portfolio, new initiatives, portals, apps and services.

**Key integrations include:**

- RajSSO (SSO enablement for authenticated access)
- RajSewa Dwaar (Central API Repository catalogue)
- e-Mitra (Kiosks usage as stakeholders)
- RajDharaa (GIS platform) & RajMaster (Masters like district, GP)
- e-Sign, IFMS, Jan-Aadhaar / Aadhar / Beneficiary Data Sources

**Detailed Break-up of manpower to be hired:**

| S. No.                        | Item Description                         | Qty. | Man month Unit Rate (incl. all Other Taxes except GST) | Duration (in Months) | Total Amount (Incl. All taxes except GST) | Applicable GST     | Total Price including GST (In INR.) |
|-------------------------------|------------------------------------------|------|--------------------------------------------------------|----------------------|-------------------------------------------|--------------------|-------------------------------------|
| 1                             | Operations Manager Cum Team Lead         | 1    | 1,15,500.00                                            | 6                    | 6,93,000.00                               | 1,24,740.00        | 8,17,740.00                         |
| 2                             | Project Coordinator cum Business Analyst | 1    | 95,175.00                                              | 6                    | 5,71,050.00                               | 1,02,789.00        | 6,73,839.00                         |
| 3                             | Database Expert                          | 1    | 38,500.00                                              | 6                    | 2,31,000.00                               | 41,580.00          | 2,72,580.00                         |
| 4                             | Senior Developer                         | 1    | 35,420.00                                              | 6                    | 2,12,520.00                               | 38,253.60          | 2,50,773.60                         |
| 5                             | Developer Application                    | 1    | 52,668.00                                              | 6                    | 3,16,008.00                               | 56,881.44          | 3,72,889.44                         |
| 6                             | Helpdesk                                 | 2    | 41,580.00                                              | 6                    | 4,98,960.00                               | 89,812.80          | 5,88,772.80                         |
| <b>Total in Figures (Rs.)</b> |                                          |      |                                                        |                      | <b>25,22,538.00</b>                       | <b>4,54,056.84</b> | <b>29,76,594.84</b>                 |

**Fund Management:**

Expenditure is to be met from the funds available under e-Mitra budget head.

**The Committee accords technical approval on the project proposal having estimated cost of Rs. 29.77 Lakh.**

**13. Project : Redevelopment of the existing AXPert-based Generalized Court Management System (GCMS) application on Open Source technology (DoIT&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. 112<sup>th</sup> SeMT meeting was held on 13-03-2026. SeMT directed for re-development of existing AXPert based GCMS application to Open Source technology.

In compliance of direction from competent authority, estimated financial implications of the various options (RFP-Based, Manpower through RISL Empanelled Firm, Manpower through NICSI) for redevelopment are placed below:

**Development Resource Detail: -**

| S.N. | Resource Requirement       | Qty.     | (Rs. in Lakh)                              |                      |                                    |
|------|----------------------------|----------|--------------------------------------------|----------------------|------------------------------------|
|      |                            |          | Estimated per Man Month Cost (Exclude GST) |                      |                                    |
|      |                            |          | Open Bid                                   | RISL Empanelled Firm | NICSI Basic Rate without Increment |
| 1.   | Sr. Developer              | 2        | 3.20                                       | 2.60                 | 2.38                               |
| 2.   | Developer                  | 4        | 4.80                                       | 4.20                 | 3.92                               |
| 3.   | Sr. Database Expert        | 1        | 1.50                                       | 1.50                 | 1.19                               |
| 4.   | Sr. Consultant (Technical) | 1        | 2.50                                       | 2.00                 | 2.70                               |
|      | <b>Total</b>               | <b>8</b> | <b>12.00</b>                               | <b>10.30</b>         | <b>10.19</b>                       |

**Project Cost Estimation for One Year (Includes GST): -**

| Duration | Open Bid    | RISL Empanelled Firm | NICSI       |
|----------|-------------|----------------------|-------------|
| One Year | 169.92 Lakh | 145.24 Lakh          | 144.29 Lakh |

\*The cost is excluding RISL charges and miscellaneous/contingency (5% of project cost) expenses for the development phase.

The proposed redevelopment of the GCMS application will require separate budget provision, Finance Department (FD) approval and SeMT approval also.

Further, support for the existing AXPert-based GCMS application will be required until the new application is made Go-Live, which is expected to take approximately one year from the date of issuance of the Work Order. Accordingly, the required support for the existing AXPert application shall also need to be continued during the transition period.

**View of Technical Committee:**

Committee advised to go with Open Bid and AI based tools may be used to minimize efforts to convert from existing AXPert based GCMS application to Open Source technology.

**Fund Management:**

Expenditure would be met from the funds available under Backend & New Projects Budget Head of DoIT&C.

**The project proposal will be considered in the forthcoming meeting of SeMT.**

**14. Project : Hiring of Project Monitoring Unit (PMU) for AI / ML Policy (DoIT&C/ RISL)**

**Project Objectives**

The Government of Rajasthan has notified the Rajasthan AI/ML Policy, 2026. For effective and time-bound implementation of the policy, inter-departmental coordination, and continuous monitoring, a Project Management Unit (PMU) is proposed to be constituted.

**Current Status:**

RajCOMP Info Services Ltd. (RISL) has issued work orders for the deployment of consulting manpower services for the PMU for the AI/ML Policy, amounting to ₹78.98 lakh on 30 March 2026 through an RISL empanelled agency for two resources, and ₹43.74 lakh on 7 April 2026 through NICS I for one resource. The work orders are for a period of one year.

Currently, a team of three (3) consultants is deployed to function as the Project Management Unit (PMU) for the execution of the policy.

**Project Scope**

The key responsibilities of the PMU are as following: -

- Assist in collaboration with academic institutions, industry, and research partners.
- Assist in setup of AI-CoEs.
- Provide capacity-building support through proposed AI-CoEs.
- Evaluation of suggestions/feedbacks to keep the policy updated with the evolution in the AI technology landscape.
- Assist in alignment of policy with central government's policy and other national/international AI guidelines.
- Support evaluation of applications/proposals, received for various incentives to be granted as part of the policy.
- Maintain repository of AI use-cases, tools, frameworks, and best practices.
- Plan and support AI hackathons, challenges, outreach programs, Capacity building and other activities, necessary to promote AI in the state.
- Prepare regular reports related to AI initiatives (like trainings, events, use cases etc.) across the state.
- Provide legal advisory on AI-related regulatory, privacy, and liability issues.
- Establish grievance redressal mechanism for AI-driven decisions.

**Project Duration**

The duration of the project is Two (2) years.

**Implementing Agency**

For implementing the project, RISL is the implementing agency for the project.

**Project Financials**

Indicative cost for a duration of Two years is as following: -

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(Amount in Rs.)

| Sr. No | Resource Category                                                 | Resource | Man Month Rate (Excl. Tax) | Requirement for F. Y. 2026-2027 | Requirement for F. Y. 2027-2028 | Total Estimated requirement |
|--------|-------------------------------------------------------------------|----------|----------------------------|---------------------------------|---------------------------------|-----------------------------|
| 1      | Management Consultant (Project Management)                        | 1        | 3,02,288                   | 36,27,456                       | 36,27,456                       | 72,54,912                   |
| 2      | Senior Consultant (Technology)                                    | 1        | 2,55,512                   | 30,66,144                       | 30,66,144                       | 61,32,288                   |
| 3      | Consultant (Management & Functional)                              | 1        | 2,85,644                   | 34,27,728                       | 34,27,728                       | 68,55,456                   |
| 4      | Base Amount Without GST                                           |          |                            |                                 |                                 | 2,02,42,656                 |
| 5      | GST (18%)                                                         |          |                            |                                 |                                 | 36,43,678                   |
| 6      | Total (4+5)                                                       |          |                            |                                 |                                 | 2,38,86,334                 |
| 7      | RISL Service Charges                                              |          |                            |                                 |                                 | 16,83,180                   |
| 8      | <b>Grand Total (6+7) * including GST and RISL Service Charges</b> |          |                            |                                 |                                 | <b>2,55,69,514</b>          |

**Fund Management:**

The expenditure shall be met from available funds under the SMART budget head.

**The Committee accords technical approval on the project proposal having estimated cost of Rs. 255.70 Lakh.**

**15. Project : Establishment and Operationalization of Rajasthan Data Exchange (Raj D.Ex.) (DoIT&C/ RISL)**

**Project Summary**

Under the Modified Budget Announcement for the year 2024-25(para 99), the Government of Rajasthan envisaged establishment of a Data Lake under the SMART System/Platform for maintaining comprehensive profiles relating to Individuals, Families and Organizations. The announcement also envisaged establishment of a secure and consent-based Data Exchange, namely Rajasthan Data Exchange (Raj D.Ex.), to enable sharing of such data in a multi-stakeholder environment, including private sector participation on the basis of social monetization, as per the applicable framework.

Government Departments and other Government entities maintain significant datasets relating to schemes, citizen services and departmental operations across multiple systems. Such datasets have considerable potential to support improved public service delivery, planning, governance and informed decision-making. However, these are maintained across multiple systems, making their effective discovery and access challenging and necessitating a secure and governed platform with appropriate safeguards relating to privacy, security and access control.

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The Data Lake component under the SMART project has been implemented and made operational on 01-07-2026. Accordingly, it is proposed to establish and operationalize Rajasthan Data Exchange (Raj D.Ex.) as a State-level platform to facilitate secure and governed access to and exchange of identified datasets amongst Government Departments and other eligible stakeholders.

The key objectives of the project are to:

- a) Establish a centralized platform to enable data sharing across various stakeholders, including Government departments, startups and academia, for different analytical purposes.
- b) Implement a secure, consent-based mechanism for sharing data across a multi-stakeholder environment, ensuring privacy and data protection while enabling collaboration.
- c) Improve departmental efficiency by facilitating collaboration and data sharing.
- d) Enable data-driven decision-making.

**Duration:**

One (1) year development and O&M period of three (3) years.

**Scope of Work:**

The project scope for establishment of Raj D.Ex. platform will broadly include the following functional areas:

**a. Data Discovery and Exchange**

- Data Catalogue for structured discovery of identified datasets and relevant metadata.
- Secure, policy-based access and exchange of datasets through appropriate user interfaces and APIs.
- Facilities for feedback and monitoring of data access and usage.

**b. Data Onboarding and Integration**

- Assessment and onboarding of identified datasets from the SMART Data Lake, Government Departments and other approved sources.
- Dataset assessment, Data ingestion, development of ETL pipelines, API-based integrations, and other processes required for preparing and making datasets available through Raj D.Ex.
- Data quality assessment and reporting, along with anonymization/ masking wherever required.

**c. Consent Management and Controlled Access**

- Provision for consent validation and consent-based access to datasets, wherever applicable.
- Integration with an appropriate Consent Management mechanism, as required, to support access in accordance with applicable policies, permissions and consent requirements.

**d. Data Protection, Privacy and Security**

- Authentication, authorization and role-based access controls for secure utilization of datasets.
- Appropriate measures for privacy protection, anonymization, monitoring, logging and auditability.
- Security and performance testing of the platform prior to Go-Live.

**e. Data Access, Analytics and Utilization**

- Facilities for authorized users to access and analyse approved datasets.
- Data visualization and SQL-based querying capabilities.
- Analytical environments and other suitable tools to support development of data-driven applications and use cases.

**f. Ecosystem and Use Case Enablement**

- Enablement of identified data-driven use cases for governance, research, innovation and other approved purposes.
- Facilitation of collaboration, knowledge sharing and innovation activities amongst participating stakeholders.
- Exploration of data utilization opportunities, including social monetization, in accordance with applicable policies and frameworks.

**g. Advanced Analytics and Secure Data Processing**

- Provision of suitable analytical environments and computing resources to support AI/ML experimentation and advanced analytics.
- Provision for secure/confidential processing of sensitive datasets, subject to project requirements and availability of necessary infrastructure.

**h. Training, Capacity Building and IEC**

- Role-based training for administrators, Data Providers and Data Consumers throughout the project period.
- User guidance, knowledge dissemination and capacity-building activities for participating Departments and other eligible stakeholders.
- IEC activities, including stakeholder awareness, workshops, communication material and outreach to promote adoption and effective utilization of Raj D.Ex.

**Implementation Approach**

The project is proposed to be implemented in a phased manner broadly covering:

- **Project Initiation and Planning:** Requirement assessment, detailed project planning and finalization of functional/technical specifications.
- **Platform Development and Deployment:** Configuration/customization and deployment of the Raj D.Ex. platform, including required integration with the SMART Data Lake and Identified data sources.
- **Data Onboarding and Integration:** Assessment, onboarding and integration of identified datasets, including required ETL pipelines, APIs and associated data quality/privacy processes.
- **Testing and Go-Live:** Functional, performance and security testing followed by deployment and Go-Live.
- **Operation and Maintenance:** Post-Go-Live technical support, monitoring, maintenance and required upgrades/enhancements.
- **Training, Capacity Building, IEC and Knowledge Dissemination:** User training, knowledge transfer, capacity building, stakeholder outreach and knowledge dissemination activities throughout the project period, including enablement of identified use cases.
- **Project Management and Monitoring:** Project management, coordination, monitoring and related PMU activities required for implementation of Raj D.Ex. shall be undertaken through the PMU provision available under the SMART Project. Accordingly, no separate provision for PMU activities has been included in the financial estimate of the present proposal.

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**Project Implementing Agency: RISL**

**Financial Implication**

The estimated financial implication for establishment and operationalization of Raj D.Ex. over a period of four years is as follows:

| S. No. | Particulars                                                                                                                                                                                                                                                    | Estimated Cost in Lakhs |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 1      | Establishment and operationalization of Raj D.Ex. platform, including data discovery and exchange, data onboarding and integration, access management, data governance, privacy and security, ecosystem, use case enablement, etc. with 3 years of maintenance | 470.00                  |
| 2      | Provision for advanced analytics and secure data processing capabilities with 3 years of maintenance                                                                                                                                                           | 70.00                   |
| 3      | Training, IEC, Capacity Building, Outreach Activities and Knowledge Dissemination                                                                                                                                                                              | 55.00                   |
| 4      | Provision for Consent Management Services in compliance with DPDP Act/Rules                                                                                                                                                                                    | 600.00                  |
| 5      | <b>Total (A)</b>                                                                                                                                                                                                                                               | <b>1195.00</b>          |
| 6      | Miscellaneous & Contingency (3%) (B)                                                                                                                                                                                                                           | 35.85                   |
| 7      | <b>Sub Total C (A+B)</b>                                                                                                                                                                                                                                       | <b>1230.85</b>          |
| 8      | <b>RISL Service Charges on (C)</b>                                                                                                                                                                                                                             |                         |
| 9      | RISL Charges (as per Order) (D)                                                                                                                                                                                                                                | 125.84                  |
| 10     | GST of RISL Service Charges (18%) (E)                                                                                                                                                                                                                          | 22.65                   |
| 11     | <b>Grand Total (C+D+E)</b>                                                                                                                                                                                                                                     | <b>1379.34</b>          |

**Indicative Financial Year-wise Phasing**

The above estimated project cost is proposed to be phased across the five financial years as indicated below. The phasing is indicative and may be aligned with actual implementation progress and contractual milestones.

| F.Y.                         | 2026-27 | 2027-28 | 2028-29 | 2029-30 | 2030-31 |
|------------------------------|---------|---------|---------|---------|---------|
| <b>Amount (Rs. in lakhs)</b> | 550.00  | 250.00  | 250.00  | 250.00  | 79.34   |

**Fund Management:**

The expenditure towards establishment and operationalization of Raj D.Ex. shall be met from the of "Grace Service Delivery System (Smart Project)" budget head of DoIT&C.

**The Committee accords technical approval on the proposal having an estimated cost of Rs. 1379.34 Lakh with directions to define the structure of data exchange amongst Government Departments and other eligible stakeholders.**

**16. Project : Design, Development and Implementation of IHMS 2.0 and Facility Management Services for the Existing IHMS (DoIT&C/ RISL)**

**Project Summary-**

Integrated Health Management System (IHMS) Project was started In 2017 under compliance of Budget announcement FY- 2017-18. More than 5,500 hospitals and health facilities are on boarded on IHMS system, including Subcentres, PHCs, CHCs, secondary and tertiary hospitals and Ayurvedic, Unani and Homeopathic facilities. and approx. 55 Crore OPD and IPD registrations have been processed, with approximately 5 lakh outpatient visits/registrations handled per day.

**Project Development and FMS Partners for IHMS-**

| S. No. | Details                                    | Parties Involved                                                                         | Procurement Mode           | Validity Period                 |
|--------|--------------------------------------------|------------------------------------------------------------------------------------------|----------------------------|---------------------------------|
| 1      | IHMS application initial development       | M/s E-Connect Solutions Pvt. Ltd. (Lead Bidder/SI) & M/s Ohum Healthcare Pvt. Ltd. (OEM) | Open Tender                | 20.09.2017 to 31.08.2023        |
| 2      | Extension of work post expiry of above     | Same consortium ( M/s E-Connect Solutions Pvt. Ltd. & M/s Ohum Healthcare Pvt. Ltd.)     | Single Source Procurement  | 01.09.2023 to 31.08.2024        |
| 3      | FMS services post expiry of above          | M/s Data Ingenious Global Ltd. in TLA with M/s Ohum Healthcare Pvt. Ltd.                 | Term Level Agreement (TLA) | 01.09.2024 to 05.03.2025        |
| 4      | Further FMS services                       | M/s Data Ingenious Global Ltd. in TLA with M/s Ohum Healthcare Pvt. Ltd.                 | Term Level Agreement (TLA) | 06.03.2025 to 31.08.2025        |
| 5      | Hiring of Services for Upgradation and FMS | M/s Ohum Healthcare Pvt. Ltd.                                                            | Single Source Procurement  | 29.09.2025 to <b>28.09.2026</b> |

The current Work Order is scheduled to expire on 29.09.2026.

**IHMS 2.0-**

Based on the reply to budget announcement year 2023-24 at point number- 20, Integrated Health Management System is to be implemented up to the level of CHCs to provide enhanced medical facilities to the citizens of the State.

IHMS 2.0 is proposed as a comprehensive modernization of the State's healthcare digital ecosystem. The project envisages development of a new application from scratch using an AI-enabled and through a microservices-based, API-first, secure and scalable architecture. The proposed platform shall support modernization of existing services, introduction of new digital healthcare capabilities, specialized healthcare workflows, advanced analytics, intelligent citizen engagement and configurable public-health data collection, while preserving continuity of the existing IHMS during development, migration, rollout and stabilization.

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The selected bidder of existing IHMS shall provide Facility Management Services (FMS) for the existing IHMS during the implementation and transition period till onboarding of new vendor (almost 6 months) of IHMS 2.0 including knowledge transfer session.

Finance approval of Rs. 37.08 Crores was given vide ID- 172400244 dated 26.2.2024 for implementation of IHMS 2.0 to the level of CHC.

As per the Minutes of the State Level Steering Committee Meeting held on 05.08.2026 for IHMS 2.0, vide letter No. 323 dated 10.08.2026, it was decided and directed under MoM Point No. 1 – "Request for Proposal (RFP) for IHMS 2.0: The DoIT&C/RISL shall be implementing agency for IHMS 2.0. The Medical Education department shall prepare a comprehensive budget proposal for the design, development, implementation and maintenance of IHMS 2.0 and submit it to the Finance Department for allocation of the required funds. DoIT&C/RISL shall initiate the procurement process by preparing DPR and thereafter floating the RFP for IHMS 2.0 at the earliest to ensure timely implementation in anticipation of approval of the said budget proposal from the finance Finance Department",

and point No 2- "Continuation & Maintenance of Existing IHMS: Keeping in view the complexity and criticality of the application, the existing IHMS system shall continue to remain operational as per rules & regulation of GoR till successful Go-Live of IHMS 2.0, ensuring uninterrupted healthcare service delivery during the transition period. Simultaneously, being owner of IHMS, the Medical Education Department shall submit a financial proposal for the same to the Finance Department for allocation of the required funds".

It is pertinent to mention that IHMS 2.0 proposal was submitted in 97th- SEMT meeting convened on 25.09.2023 and the committee accorded technical approval on the proposal having estimated cost of Rs. 37.08 Cr. and expenditure for project was to be met as per direction of Finance department.

**Revision in scope of work for IHMS 2.0-**

- 
1. The RFP for "Design, Development, Implementation & Maintenance of Integrated Health Management System 2.0 (IHMS 2.0) for the State of Rajasthan" was floated in Year 2024 but was cancelled on the basis of single responsive bid. In almost three years, since 97th- SEMT, the IHMS system has scaled up vertically in functionality and horizontally.
  2. Multiple new requirements are being received from stakeholders like NHCX compliance, Aadhar Integration, DPDP Act Compliance, SETU App development, AIDS Society (PLHIV Pension), development of Ayush Information & Monitoring Portal, etc.
  3. It is also requested by department stakeholders for Specialized workflows for Trauma Registry, Dental facilities, Cancer Registry, etc. as per requirement.

Therefore, keeping in mind the above scenarios, revision in scope of work and cost escalation since Year 2023 (97th- SEMT), there is requirement of revision in project cost with respect to the previous floated RFP of IHMS 2.0.

**Project Duration-**

1. The duration for Maintenance of Existing IHMS till Issuance of Work Order for IHMS 2.0 would be around 6 months.
2. The project duration for Design, Development and Implementation of IHMS 2.0 and parallel Facility Management Services for Existing IHMS by selected bidder of IHMS 2.0 (till Go-Live of IHMS 2.0) would be around 5 Years.

**Estimated Financial Implication (Tentative)-**

| (Rs. In Lakh) |                                                                                                                     |                                  |
|---------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------|
| S. No.        | Component                                                                                                           | Cost (incl. GST & other Charges) |
| *1            | Upgradation & Maintenance of Existing IHMS till Issuance of Work Order for IHMS 2.0 (around 6 months)               | 250.00                           |
| *2            | Development of IHMS 2.0 and FMS of existing IHMS starting from Issuance of Work Order for IHMS 2.0 (around 2 years) | 3250.00                          |
| 3             | Maintenance Phase of IHMS 2.0 (3 Years)                                                                             | 1000.00                          |
|               | <b>Total Cost (Approx.)</b>                                                                                         | <b>Rs 4500.00</b>                |

\*The duration and cost mentioned on Point 1 and Point 2 may vary depending on the actual date of issuance of the Work Order for IHMS 2.0.

The total tentative cost for Maintenance of Existing IHMS, Development of IHMS 2.0 and Maintenance of IHMS 2.0 is approx. Rs. 4500.00 Lakh (including GST and other charges).

**Fund Management-**

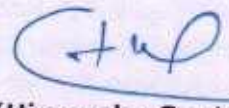
Expenditure would be met as per direction of Finance Department.

**The Chairman SeMT directed to provide detailed presentation of IHMS project & it's future planning.**

**The Committee accords technical approval for Upgradation & Maintenance of Existing IHMS having estimated cost of Rs. 250.00 Lakh and deferred the IHMS 2.0 proposal.**

Meeting ended with the vote of thanks to the chair.

This bears the approval from competent level.

  
**(Himanshu Gupta)**  
Commissioner and Special  
Secretary, DoIT&C

**Copy for information and necessary action to:**

1. PS to Addl. Chief Secretary, Urban Development & Housing Dept., Rajasthan, Jaipur
2. PS to Principal Secretary, Medical & Health Department, Rajasthan, Jaipur
3. PS to Principal Secretary, Finance Department, Rajasthan, Jaipur
4. PS to Secretary, Planning Department, Rajasthan, Jaipur
5. PS to Secretary, Department of IT&C, Rajasthan, Jaipur

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6. Sr. PS to Commissioner & Special Secretary, DoIT&C, Jaipur
7. PS to Secretary, Jaipur Development Authority (JDA), Jaipur
8. PA to Joint Secretary, Finance (Expenditure-II) Dept., Rajasthan, Jaipur
9. PS to Deputy Secretary, Urban Development & Housing Department, GoR, Jaipur
10. PA to Director (T), RajCOMP Info Services Ltd. (RISL), Jaipur
11. PA to DDG & SIO, National Informatics Centre, Rajasthan, Jaipur
12. PA to Director, LNM Institute of Information Technology (LNMIIT), Jaipur
13. Shri Akhilesh Mittal, Technical Director, Dept. of IT&C, Jaipur
14. Shri Himmat Mal Keer, Technical Director, Dept. of IT&C, Jaipur
15. Shri Rajesh Saini, Group General Manager (Technical), RISL, Jaipur
16. Shri Rohitashwa Kumar Meena, Additional Director, Dept. of IT&C, Jaipur
17. Shri Vijay Prakash, Additional Director, Dept. of IT&C, Jaipur
18. Shri Dheeraj Gaur, Additional Director, Dept. of IT&C, Jaipur
19. Shri Manish Bhati, Additional Director, Dept. of IT&C, Jaipur
20. Dr. Yuvraj Singh Gurjar, Additional Director, Dept. of IT&C, Jaipur
21. Shri Umesh Chand Joshi, Additional Director, Dept. of IT&C, Jaipur
22. Shri Mukesh Kumar Bidsar, Chief Accounts Officer, Dept. of IT&C, Jaipur
23. Shri Shri Amit Bhiwani, ASIO, NIC, Jaipur
24. Shri O.P. Jatawat, S.A. (Joint Director), Dept. of IT&C, Jaipur
25. Shri Pradumna Dixit, S.A. (Joint Director), Dept. of IT&C, Jaipur
26. Smt. Vinita Srivastava, S.A. (Joint Director), Dept. of IT&C, Jaipur
27. Shri Vinod Kumar Meena, S.A. (Joint Director), Dept. of IT&C, Jaipur
28. Shri Manoj Kumar Jain, S.A. (Joint Director), Dept. of IT&C, Jaipur
29. Shri Amit Sharma, General Manager (Technical), RISL, Jaipur
30. Shri Mohd. Aslam Khan, General Manager (T), RISL, Jaipur
31. Shri Prashank Choudhary, A.C.P. (Deputy Director), Dept. of IT&C, Jaipur
32. Shri Pankaj Singh Meel, A.C.P. (Deputy Director), RajMES, Jaipur
33. Shri Deepak Dev Haritwal, A.C.P. (Deputy Director), Dept. of IT&C, Jaipur
34. Shri Pankaj Kumar Sharma, A.C.P. (Deputy Director), JDA, Jaipur
35. Shri Rupesh Kumar Saini, Programmer, UDH, Jaipur

  
**(Akhilesh Mittal)**  
Technical Director

**GOVERNMENT OF RAJASTHAN**  
**Department of Information Technology & Communication**

**Annexure-"A"**

**116<sup>th</sup> Meeting of SeMT held on 02-09-2026 - List of Attendees**

| <b>S.N.</b> | <b>Name of officer</b>      | <b>Designation &amp; Department</b>                   |
|-------------|-----------------------------|-------------------------------------------------------|
| 1.          | Shri Ravi Kumar Surpur      | Secretary, Dept. of IT&C / Chairman- SeMT             |
| 2.          | Shri Himanshu Gupta         | Commissioner & Special Secretary, Dept. of IT&C       |
| 3.          | Shri Pratap Singh           | Joint Secretary, Finance (Exp.-II) Department, Jaipur |
| 4.          | Shri Gaurav Saini           | Secretary, Jaipur Development Authority, Jaipur       |
| 5.          | Shri Rashtradeep Yadav      | Deputy Secretary, UDH, Jaipur                         |
| 6.          | Shri Akhilesh Mittal        | Technical Director, Dept. of IT&C                     |
| 7.          | Shri Himmat Mal Keer        | Technical Director, Dept. of IT&C                     |
| 8.          | Dr. Rahul Banerjee          | Director, LMNIT, Jaipur                               |
| 9.          | Shri Rajesh Saini           | Group General Manager (T), RISL, Jaipur               |
| 10.         | Shri Rohitashwa Kumar Meena | Additional Director, Dept. of IT&C                    |
| 11.         | Shri Vijay Prakash          | Additional Director, Dept. of IT&C                    |
| 12.         | Shri Dheeraj Gaur           | Additional Director, Dept. of IT&C, Jaipur            |
| 13.         | Shri Manish Bhati           | Additional Director, Dept. of IT&C, Jaipur            |
| 14.         | Dr. Yuvraj Singh Gurjar     | Additional Director, Dept. of IT&C, Jaipur            |
| 15.         | Shri Umesh Chand Joshi      | Additional Director, Dept. of IT&C, Jaipur            |
| 16.         | Shri Mukesh Kumar Bidsar    | Chief Accounts Officer, Dept. of IT&C, Jaipur         |
| 17.         | Shri Amit Bhiwani           | ASIO, NIC, Jaipur                                     |
| 18.         | Shri Om Prakash Jatawat     | S.A. (Joint Director), Dept. of IT&C, Jaipur          |
| 19.         | Shri Pradumna Dixit         | S.A. (Joint Director), Dept. of IT&C, Jaipur          |
| 20.         | Smt. Vinita Srivastava      | S.A. (Joint Director), Dept. of IT&C, Jaipur          |
| 21.         | Shri Vinod Kumar Meena      | S.A. (Joint Director), Dept. of IT&C, Jaipur          |
| 22.         | Shri Manoj Kumar Jain       | S.A. (Joint Director), Dept. of IT&C, Jaipur          |
| 23.         | Shri Mohd. Aslam Khan       | General Manager (T), RISL, Jaipur                     |
| 24.         | Shri R.K. Sharma            | Advisor-IT, Jaipur Development Authority, Jaipur      |
| 25.         | Shri Prashank Choudhary     | A.C.P. (Deputy Director), Dept. of IT&C, Jaipur       |
| 26.         | Shri Pankaj Singh Meel      | A.C.P. (Deputy Director), RajMES, Jaipur              |
| 27.         | Shri Deepak Dev Haritwal    | A.C.P. (Deputy Director), Dept. of IT&C, Jaipur       |
| 28.         | Shri Pankaj Kumar Sharma    | A.C.P. (Deputy Director), JDA, Jaipur                 |
| 29.         | Shri Rupesh Kumar Saini     | Programmer, UDH, Jaipur                               |
| 30.         | Smt Neha Chaudhary          | SPO, Dept. of IT&C, Jaipur                            |
| 31.         | Shri Ashish Bhomia          | Consultant, UDH, Jaipur                               |

**#### End of Document ####**

