GOVERNMENT OF RAJASTHAN
Department of Information Technology & Communication

No. F.5 (1388)/ DoIT/ Tech./ 2021/ ML-3938

Dated: 28/03/2022

Minutes of 91st meeting of SeMT dated 24-03-2022

The 91st meeting of the State e-Governance Mission Team (SeMT) was held under the Chairmanship of Principal Secretary, IT&C on 24th March, 2022 at 03:15PM through Video Conferencing. List of participants is enclosed at **Annexure -"A"**

Agenda Items discussed during 91st meeting of SeMT are indexed as follows:

S. No.	Name of Project	Dept.	Page No.
1	Selection of new vendors for Enhancement of RajMines/ Dept. of Mines and Geology Online Management (DMGOMS) System	Dept. of Mines & Geology (DMG), Udaipur	1-3
2	Procurement of E-Learning Equipment and relevant accessories, tools, software for Rajasthan State Judicial Academy (RSJA), Jodhpur	Law Dept., Jaipur.	3-4
3	Procurement of Tablets for School Digital Library	Rajasthan Council of School Education (RCScE)	4-5
4	Hiring of GIS experts for districts and directorate Watershed (through NICSI) for the period of two (2) years i.e. from 01.04.2022 to 31.03.2024	Watershed Development & Soil Conservation (WD&SC) Dept.	5-6

The followings were discussed in the meeting:

1. Project : **Selection of new vendors for Enhancement of RajMines/ Dept. of Mines & Geology Online Management (DMGOMS) System in Dept. of Mines & Geology (DMG), Udaipur**

The Committee was briefed about the project proposal. In the year 2017 the project is being operated by RISL by doing various Departmental activities online according to the Departmental requirements.

At present, the said support and maintenance period of RISL has been extended twice which is expiring on 30th May, 2022. After this, the next operation of the Departmental online project and the work of new development has to be done at Departmental level.

In this context, Departmental PMU Committee meeting was held on 13-01-2022 for discussion regarding upcoming operation of Departmental online projects and new development.

The existing developed system is a set of Integrated Applications which includes Web Portal, Website, Web Services/ APIs and Mobile Application on Android Platform which enables an integrated seamless and workflow based online system that provides automation of Major processes and functioning of DMG.

Programming languages and technology used for the existing system are as follows-

S.No.	Development	Languages & Technology
1	Front-End	HTML, Bootstrap, React, Jquery, CSS
2	Back-End	Java (Spring MVC) & Asp dot net
3	Database	Oracle 12c
4	Web Service	Rest API (Spring)
5	Mobile Application	Ionic and Angular (Platform-IBM Mobile First Platform)

Dept. of Mines & Geology has sensed few challenges in further enhancement of RajMines system and few of such challenges are mentioned below –

- Scrutiny of online application on GIS map
- Generation of e-Panchnama during field visit
- Provision for random scrutinized Lease Inspection with proper enforcement of all the Mining activities through digital mode
- Issuance of online LoI and Permits
- Generation of online receipt/ Token by RCC/ ERCC holders against the Rawanna at Naka points
- Payment provision for new applicant to deposit all type of fees
- Mineral wise CTO provision, Auto mapping of Lease and RCC contract and Integration of Lease Information System (LIS) with Rajasthan Pollution Control Board
- Issuance of online No-Dues certificate
- Provision to monitor Departmental dues and recoveries
- Monitoring of actionable/ auctioned Plots
- Conveyor belt integration with e-Rawanna

In sequence of this, the Dept. is enhancing the current system by adding some more functionality and eliminate the gaps in existing system so that more facilities can be given to various stakeholders namely Dept. of Mines & Geology, Permit Holders, Lease Holders, RCC/ ERCC Holders, Weighbridge Holders, Dealers and Stockists etc., and e-Mitra Kiosks.

Scope of Work (SoW):

Proposed Modules & Enhancement by the Dept. are as follows:

S.N.	Name of Module	Required Functionality Description
1	Auction Monitoring Module	Provision to monitor the status and stages of actionable/ auctioned Plots and Blocks.
2	Vigilance Module	Mobile based Panchnama Creation
3	Mines Inspection	Mobile based Mines Inspection
4	GIS Mapping Module	Online application Scrutiny
5	Mineral Inventory	District wise mineral inventory system with digitization of Mineral Map and integration with RajDhara
6	e-Payment Module	a) NMET Payment Provision b) Payment provision in applicant login (to deposited advance royalty/premium/ dead rent/ DMFT etc.) c) Online payment provision on Departmental website d) New DMFT PD account integration for online payment
7	Departmental Dues monitoring module	Module to monitor Departmental Dues & Recovery
8	Application Module	Issuance of Online LoI and Permits
9	KPI Performa	Need to transform Dept. KPI Performa(s) into digital from. Also, require various reports and analytical graphs to monitor the progress.
10	Contractor Module	a) Online application for RCC/ERCC Registration, processing and issuance of certificate is to be online as per RMMCR, 2017 Rule 35 to 44. b) Online receipt/ token generation by RCC/ERCC against the Rawanna at their contractor naka.
11	Online Cash Receipt	Provision to generate online Cash receipt at Royalty Collection check-posts for Quarry License and other payments.
12	E-Rawanna linking with Conveyor belt	E-Rawanna linking with Conveyor belt
13	LIS Module	a) Mineral wise CTO Provision. b) Auto mapping of Lease and RCC/ERCC Contract. c) Integration with Rajasthan Pollution Control Board d) Royalty Schedule Management
14	Demand Module	a) Issuance of online No-dues certificate for Stake Holders. b) Simplification of Demand Register
15	Assessment Module	Provision for Royalty Assessment of Leases as per RMMCR, 2017 Rule(46)
16	Mining Plan Submission	Provision to submit Mining Plan. It can be approved/rejected/ queried by the concerning officer.
17	Weighbridge Module	a) Enhancement in Weighbridge services with GPS, RFID & Sensor Integration provision in the software. b) Integration with Metrology Dept. (Baat-Maap Vibhag)
18	DMFT Application	Online proposal submission, issuance of sanction order, generation of Utilization Certificate and various reports
19	e-Rawanna Module	e-Rawanna Cancellation Process.
20	Activity & Logs Report	User wise activity and log history. OTP based authentication in important activities.
21	Redesign of Website & login Dashboard	• Redesign & Redevelopment of Mines website with public domain information. • Redesign of Officer's & Stakeholder's dashboard with Graphical User Interface and notifications system.

22	MIS & Analytical Reports & Notifications	a) Various new reports i.e. Pending demand, Pending assessment, Pending return, Production report, Production & Dispatch report, Office wise targets & revenue graph etc. as per DMG requirements. b) Notification : Lease Expiry/Dead Rent Revised/Dues/CTO limit/CTO & EC and Mining Plan expiry/FD & BG expiry/RCC-ERCC Contract Expiry etc. as per DMG requirements.

Project Duration and Financial Implication:

(Rs. in Lakh)

S.N.	Name of Work	Timeline	Estimated Cost
1	Development Phase (including Support & Maintenance of existing system)	18 Months	350.00
2	Support and Maintenance (FMS) of comprehensive complete system	30 Months	150.00
	Total (48 Months/ 4 Years)		**500.00**

Year wise breakup of the estimated cost/ expenditure is as follows:

(Rs. in Lakh)

S.N.	Year	Estimated Cost
1	First Year (2022-23)	150.00
2	Second Year (2023-24)	150.00
3	Third Year (2024-25)	100.00
4	Fourth Year (2025-26)	100.00
	Total Estimated Cost	**500.00**

Fund Management:

Expenditure would be met from the funds available with Mines & Geology Dept.

Keeping in view of the fact of urgency of work, technical approval has already been accorded by Principal Secretary, IT&C as being the chairman of SeMT.

The Committee accords ex-post-facto technical approval on the proposal having estimated cost of Rs. 500.00 Lakh.

2. **Project :** **Procurement of e-Learning Equipment and relevant accessories, tools, software for Rajasthan State Judicial Academy (RSJA), Jodhpur submitted by Law Dept.**

The Committee was informed about the project proposal submitted by Law Dept. Due to Covid-19 pandemic, training programmes/ webinars for 190 trainee Civil Judges of batch 2020 is being organized online/ virtual by Rajasthan State Judicial Academy (RSJA), Jodhpur. In the training programmers, various visual presentations/ slides/ study material having text, details of figures, data, information, pictures, videos etc. will be shown to the trainee Civil Judges.

For the aforesaid purpose, RSJA, Jodhpur intends to procure E-Learning Equipment and Relevant Accessories, Tools, Software to establish classroom setup for the online/ virtual training program.

Observation/ view of Technical Committee (T.C.) of Dept. of IT&C is attached as Annexure-"B".

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Financial Implication:

Estimated cost of the project proposal is Rs. 68.00 Lakh as mentioned below:

(Rs. in Lakhs)

S.No.	Item	Total Cost
1.	e- Learning equipment (LED Wall Size about 8'X15')	68.00

Fund Management:

Expenditure would be met from the funds available with Rajasthan State Judicial Academy (RSJA), Govt. of Rajasthan, Jodhpur.

Keeping in view of the fact of urgency of work, technical approval has already been accorded by Principal Secretary, IT&C as being the chairman of SeMT.

The Committee accords ex-post-facto technical approval on the proposal having estimated cost of Rs. 68.00 Lakh.

3. Project : Procurement of Tablets for School Digital Library submitted by Rajasthan Council of School Education (RCScE)

The Committee was briefed about the project proposal that in accordance to the Annual action Plan 2021-22 of STARS project of Government of India, there is a provision of providing 10 tablet per Kasturba Gandhi Balika Vidyalaya (KGBV) in the 49 KGBVs operated by PAB in Districts.

Requirement per Kasturba Gandhi Balika Vidyalaya (KGBV)-

S. No.	Item description	Qty.
1	Tablets per KGBV with 128GB Micro SD card, Headphone and back cover	10
2	Storage for 10 tablets & charging facility	1
3	Preloaded e Content on tablet	10

Storage for 10 tablets & charging facility-

Cabinet with door lock facility to store 10 tablets along with accessories. Charging Facility to simultaneously charge 10 Tablets.

Preloaded e-Content on Tablet-

All the Tablet, must be uploaded with PAL based e-content, as per following description (minimum specification criteria). PoC will be done along with Technical evaluation.

Observation/ view of Technical Committee (T.C.) of Dept. of IT&C is attached as **Annexure-"C".**

Financial Implication:

Estimated cost of the project proposal is Rs. 110.25 Lakh as mentioned below:

(Amount in Rs.)

S.No.	No. of Kasturba Gandhi Balika Vidyalaya (KGBV)	Total Qty. of Tablets (In Nos.)	Estimated Non Recurring Cost per Tablet	Estimated Non Recurring Cost per KGBV	Total Cost
1.	49 KGBV (10 Tablets per KGBV)	490	22,500/-	2,22,500/-	1,10,25,000
				Total Cost	1,10,25,000
			Say Rs. in Lakh	**Rs. 110.25 Lakh**	

Fund Management:

Expenditure would be met from the funds available with Rajasthan Council of School Education (RCScE).

The Committee accords technical approval on the proposal having estimated cost of Rs. 110.25 Lakh.

4. Project : **Hiring of GIS experts for districts and directorate Watershed (through NICSI) for the period of two (2) years i.e. from 01.04.2022 to 31.03.2024 for Watershed Development & Soil Conservation (WD&SC) Dept., Rajasthan**

The Committee was briefed about the project proposal as the guidelines of Pradhan Mantri Krishi Sinchai Yojana (PMKSY) for Watershed programs lay emphasis on use of technology inputs in planning, monitoring, evaluation of watershed projects using scientific inputs especially GIS – Remote Sensing techniques. In Rajiv Gandhi Jal Sanchay Yojana (RGJSY), Geographical Information System (GIS) – Remote Sensing (RS) techniques are also in use, which is an important feature in planning, monitoring and checking the techno economic feasibility of proposed structures. In accordance to aforesaid guidelines and to achieve the objective of watershed programs, WD&SC Dept. is obtaining services of GIS experts for district and GIS lab of Directorate Watershed through NICSI since October 2015.

The earlier proposal was approved in 86th meeting of SeMT held on 09.07.2021 for hiring the service of the GIS expert for one year from 01.04.2021 to 31.03.2022 through NICSI (10 at directorate level and 32 at district level). Services provided by these GIS expert have been found satisfactory by WD&SC Dept.

Dept. of Land Resources, Ministry of Rural Development, GoI has sanctioned 145 projects of 7.50 lacs Hectares amounting Rs. 1857.00 Crores under PMKSY 2.0 for the year 2021 – 2022. To prepare the DPRs of these projects, utilization of GIS and Remote Sensing techniques is mandatory. Hence, it is proposed to obtain the services of GIS experts at Directorate and districts level for two (2) years 2022 - 2024 is as given below:

S. No.	Man power/ Category	No. of Resources
1	Project Manager (GIS)	1
2	Tech lead – GIS	1
3	Senior Image Processing Experts (GIS)	7
4	Image Processing Experts (GIS)	32
5	GIS Developer/ Analyst	1

Financial Implication

The expenditure expected on hiring of services of above experts for two (2) years would be Rs. 430.00 Lakh.

Fund Management:

Expenditure would be met from the funds available with Watershed Development & Soil Conservation (WD&SC) Dept.

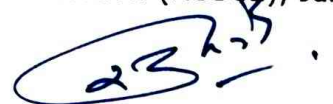**The Committee accords technical approval on the proposal having estimated cost of Rs. 430.00 Lakh.**

Meeting ended with a vote of thanks to the chair.

This bears the approval of competent authority.

(Sandesh Nayak)
Commissioner &
Joint Secretary, IT&C

Copy for information and necessary action to:
1. P.S. to Addl. Chief Secretary, Mines & Petroleum Dept., Rajasthan., Jaipur
2. P.S. to Addl. Chief Secretary, School Education Dept., Rajasthan, Jaipur
3. P.S. to Principal Secretary, Finance Dept., Rajasthan, Jaipur
4. P.S. to Principal Secretary, Dept. of Law & Legal Affairs, Rajasthan, Jaipur
5. P.S. to Principal Secretary, Dept. of IT&C, Rajasthan, Jaipur
6. P.S. to Secretary, Planning Dept., Rajasthan, Jaipur
7. P.A. to Director, Mines & Geology Dept., Rajasthan, Udaipur
8. P.S. to Commissioner & Joint Secretary, Dept. of IT&C, Rajasthan, Jaipur
9. P.S. to Director, Watershed Development & Soil Conservation (WD&SC) Dept., Jaipur
10. P.A. to Director (Technical), RajCOMP Info Services Limited, Jaipur
11. P.A. to Joint Secretary (Expenditure-III), Finance Dept., Raj., Jaipur
12. P.A. to Joint Secretary, Dept. of Law & Legal Affairs, Rajasthan, Jaipur
13. P.A. to Commissioner, Rajasthan Council of School Education (RCSCE), Jaipur
14. P.S. to DDG & SIO, NIC, Rajasthan, Jaipur
15. Smt. Poonam Choudhary, Chief Accounts Officer, Dept. of IT&C, Jaipur
16. Shri Giriraj Kumar Katheeria, S.A. (Joint Director), Mines & Geology Dept., Udaipur
17. Smt. Sushila Yadav, Joint Director (GIS, PFC), Watershed Development & Soil Conservation (WD&SC) Dept., Jaipur
18. Shri Umesh Chand Joshi, ACP (Dy. Director), Dept. of IT&C, Jaipur
19. Shri Ajay Thani, A.C.P. (Dy. Director), Rajasthan High Court, Jodhpur
20. Shri Punit Kumar Jain, Programmer, Raj. Council of School Education (RCSCE), Jaipur
21. Director, LNMIIT, Jaipur
22. Guard File.

(Sushil Parihar)
Additional Director

91ˢᵗ Meeting of SeMT held on 24-03-2022– through VC - List of Attendees

S. No.	Name of officer	Designation
1.	Shri Alok Gupta	Principal Secretary, Dept. of IT&C, Rajasthan, Jaipur
2.	Shri Kunj Bihari Pandya	Director, Mines & Geology Dept., Rajasthan, Udaipur
3.	Shri Sandesh Nayak	Commissioner, College Education Dept., Raj., Jaipur
4.	Smt. Rashmi Sharma	Commissioner, Rajasthan Council of School Education (RCScE), Jaipur
5.	Shri Girijesh Kumar Ojha	Special Secretary (VRS), Dept. of Law & Legal Affairs, Raj., Jaipur
6.	Shri Arun Chauhan	Director (Technical), RISL, Jaipur
7.	Shri Jitendra Kumar Verma	DDG & SIO, NIC, Rajasthan, Jaipur
8.	Smt. Poonam Choudhary	Chief Accounts Officer (CAO), Dept. of IT&C, Jaipur
9.	Shri Sushil Parihar	Additional Director, Dept. of IT&C, Jaipur
10.	Smt. Sushila Yadav	Joint Director (GIS), WD&SC Dept., Raj., Jaipur
11.	Shri Giriraj Kumar Katheeria	S.A. (Jt. Director), Mines & Geology Dept., Udaipur
12.	Shri Raj Kumar Singh	ACP (Dy. Director), Dept. of IT&C, Jaipur
13.	Shri Ajay Thani	ACP (Dy. Director), Rajasthan High Court, Jodhpur
14.	Dr. Rahul Banerjee	Director, LNMIIT, Jaipur
15.	Shri Punit Kumar Jain	Programmer, Rajasthan Council of School Education (RCScE), Jaipur
16.	Smt. Priyanka Yadav	Programmer, Dept. of Law & Legal Affairs, Raj., Jaipur
17.	Shri Nikhil Meena	Assistant Programmer, Dept. of IT&C, Jaipur

Technical specification suggested by Dept. of IT&C for **Rajasthan State Judicial Academy (RSJA), Jodhpur submitted by Law Dept.** are as follows:

E- Learning equipment (LED Wall Size about 8'X15'):

S. No.	Item	Minimum Technical Specifications
1.	Wall Size	15' X 8' or higher
2.	Pixel Pitch	2.5mm
3.	Screen Resolution	1920 x 1080 (Full HD)
4.	Diagonal Size	210 Inch or higher
5.	Pixel Configuration	1Rx1Gx1B
6.	Diode Type	SMD
7.	Dimensions of Cabinet	43.3 x 3.31 Inch
8.	Brightness	1000 Nits of higher
9.	Contrast Ration	6000:1 or better
10.	Viewing Angle Horizontal	160 Degree
11.	Viewing Angle Vertical	160 Degree
12.	Color Temperature	2500 to 10000K
13.	Video Rate	50/60 Hz
14.	Refresh Rate	3840 Hz
15.	Input Power Range	100 to 240 VAC
16.	Power Consumption	365 W/m
17.	Heat Generation	Not more than 120 BTU/ Sqft per Hour
18.	Working Temperature	0 to 45 Degree
19.	IR Rating	IP20
20.	LED Lifetime	100,000 Hours
21.	Certification	EMC Class A, Safety 60950-1, FCC, UL, CB, CB, KCC, ROHS
22.	LED Controller	OEM product
23.	Warranty	3 Years

Technical specification suggested by Dept. of IT&C for Procurement of Tablets for **Rajasthan Council of School Education (RCScE)** are as follows:

Tablet:

S. No.	Item	Minimum Technical Specifications
1	Display Size (Min.) (Inch)	10 Inch or higher
2	Display Resolution (Pixels)	1920*1200 or higher
3	Display Type	IPS/ TFT LCD or equivalent
4	Brightness (Nits)	350 or higher
5	Operating System	Android 11.0 or Higher
6	Connectivity Type	Wi-Fi
7	Wi-Fi Connectivity Type	802.11 b/g/n or higher
8	Bluetooth Connectivity	4.0 or higher
9	Processor	Quad Core, 1.8 GHz or Higher
10	RAM Size and type	3 GB LPDDR3 or higher
11	Internal Storage	32 GB or higher
12	Additional Storage with Tablet	Compatible Micro SD Card- 32 GB or higher with Class 10 Standard
13	Storage upgradable up to (Through Micro SD Card)	128 GB or higher
14	Rear Camera	8 MP or higher
15	Front Camera	5 MP or higher
16	Battery Capacity (Minimum)	7500 mAh or higher
17	Google Mobile Service Certification for Android OS	Required (Yes)
18	Certification	RoHS Compliance, BIS
19	Additional Accessories	USB Cable & Charger,
20	Headphone	Branded compatible Head phone, ISI marked
21	Tablet Cover	Compatible Smart cover for TAB, cover should have stand to hold the TAB
22	Warranty	1+1 year OEM warranty on tablet, 6 months on accessories, OEM MAF is required
23	Features	OEM MDM features- - Device asset monitoring - Boot logo animation during device turn on - Disable/ Enable hard buttons to protect factory reset - Device tracking

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