B/05353/SAC/Auto/IT/Info Sys   2 3 Jun 2024

IHQ OF MOD (ARMY): DTE GEN OF INFO SYS

MINS OF 51ST STEERING AUTO COMMITTEE (SAC) MTG HELD AT DGIS ON 19 JUN 2024

1.   Ref DCOAS (IS & C) Sectt Note No 57926/ICT/DCOAS (IS & C) Sectt/IS dt 07 Sep 21.

2.   The 51st SAC mtg was held on 19 Jun 24 at DGIS Plg Room. The mtg was chaired by Maj Gen AK Jha, ADG IS. Fwg were present during the mtg:-

(a)   **Members**.

(i)   Brig Ravinder Singh, Brig Concepts, DGIS.

(ii)   Brig Maneesh Joshi, Brig IT, DGIS.

(iii)   Brig JN Bhatt, VSM, Cdr ACG.

(iv)   Col Karan Dhawan, Col Sigs-7, DG Sigs.

(v)   Lt Col Pratik Chandrakant Pandit, GSO-1 (IW) MO-12, DGMO.

(b)   **Invitees/ Other Attendees**.

(i)   Brig Rajesh Sihag, Brig Concepts (Designate), DGIS.

(ii)   Col Deepak Sisodia, VSM, Col MISO, DGIS.

(iii)   Col SP Singh, Col (Ops & Plg), DGIS.

(iv)   Col Vikram Shahaney, Col SD-3A (UN), DGSD.

(v)   Col Bhaskar Singh, Col Land (N&E), DG LWE.

(vi)   Col AK Sinha, DG EME.

(vii)   Lt Col Jatin Kumar, STEAG, HQ 21 Sig Gp.

(viii) Lt Col Ashish Saurabh Sharma, GSO-1 (Inf-9), DG Inf.

(ix)   Lt Col SS Sehgal, SM, Proj Offr (MISA), DGST.

(x)   Lt Col Parikshit Das, GSO-1 IT (Inf-1), DG Inf.

(xi)   Lt Col Sudeep Singh, GSO-1 (B) TA-4, DGTA.

(xii)   Lt Col Shaurya Sood, GSO-1, ASDC, DGIS.

(xiii) Maj Varun Garg, HQ CICG, OS Dte.

(xiv)   Lt Col AR Packianathan, GSO-1 (SW), PMO ACCCS, DGIS.

(xv)   Lt Col Gautam Pant, GSO-1 (T&P), DDGIT, DGIS.

(xvi)   Col Hiren Borah, Col GS (Sys), HQ CC.   ⎤

(xvii) Col Prabhjot Singh, CO, CCSR/ HQ CC.   ⎟

(xviii) Lt Col Gurvinder Singh, CCSR/ HQ CC.   ⎬   Through VC.

(xix)   Lt Col Ameya, MCTE Mhow.   ⎟

(xx)   Maj Anupam Sharma, MCTE Mhow.   ⎟

(xxi)   Maj Gaurav Dhaka, CIF (V) Sig Regt   ⎦

3. The agenda pts discussed and decisions taken are as fwg:-

S No	Agenda/ Info Pts	Decision / Dscn	Resp
(a)	**Canine Datahub Ver 1.0** (i) **Backgrnd**. The Sw will auto the data keeping of records of Army Dog Units with auto reports genr for higher HQs. The Sw enhances the Op eff and instt memory by digitisation of records. (ii) **Purpose**. To maint a unit-based record for all canines for enabling a cohesive database for higher HQ RVS Br. (iii) **Type of Sw**. Bespoke. (iv) **Cost**. Nil (In-house devp). (v) **Dply Scenario**. ADN.	Committee dir the sponsor that feasibility of exploiting MISO Dashbds be explored to avoid duplicity of SSOT and effort. Addl reqmts of data fds & reports reqd to be generated for the users, may be informed to MISO for impl of the same.	**CIF (V) Sig Regt**
(b)	**Self Audit Tool for All Users** (i) **Backgrnd**. As per ACSP 2023, there is reqmt of carrying out three internal and one external audit of all IT assets. With the incr in No of PCs due to impl of Unified ADN, Cyber audit has become a time-consuming process requiring dedicated audit teams and man-hours for physical checking of all sys for their compliance **to audit policies**. Self-audit by the user on the other hand can reduce these man-hours, where in the tool automatically checks all the audit parameters and genr a consolidated report. (ii) **Purpose**. Self Audit Tool runs at the user PC and checks for 128 parameters and genr a consolidated audit report. The appl can then be signed by the user digitally and the copy can be fwd to the auditing auth. (iii) **Type of Sw**. Customised. (iv) **Cost**. ₹ 1.63 Cr (approx). (v) **Dply Scenario**. ADN.	Committee dir the sponsor to liaise with ACG & Dir Sigs-7 for feasibility of utilising the existing SIEM & Remote Audit Tool.	**HQ CC (Sigs)**
(c)	**Data Mgt Sw (DMS)** (i) **Backgrnd**. Digitisation of all docus (currently in phy paper form) is reqd to be undertaken for integ with eOffice Sw to achieve	(i) Committee dir the sponsor to carry out a BOO for ascertaining the best avbl COTS Sw and	**HQ CC GS(Sys)**

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	complete auto of office wk/ procedures and DMS Sw is mandatory to execute this digitisation process. Digitisation, which incl scanning & tagging, enables easy retrieval and linking/ embedding of digitised docu for ready ref, which is a highly desirable outcome. Scanning of docus to facilitate brs prepare their Files/ Notings/ Letters with Meta data for ingestion into eOffice, as also ensure optimisation of file storage/ memory and ease of txn as email/ eOffice att to maint their legibility. (ii) **Purpose**. (aa) Digitisation of all old docus/ policy files currently in physical form. A Data Mgt Sw (Open Source Sw) will be used for digitisation of docus by the seller/ firm carry out this digitisation activity. (ab) To undertake for integ with eOffice Sw to achieve complete auto of office wk/ procedures. (ac) To facilitate the digitisation process DMS Sw is an integral appln to make digitised docus suitable for integ with eOffice. (ad) All Brs of HQ Central Comd, under Comd Fmns/ RCs in Ph-I. (ae) Digitised docus will be integ with eOffice appl through DMS. (iii) **Type of Sw**. COTS. (iv) **Cost**. To be ascertained by the Sponsor. (v) **Dply Scenario**. ADN.	the cost for digitisation of data. (ii) Committee dir that the same be brought up during the 52nd SAC.	
(d)	**PQC Based Web Server and Browser** (i) **Backgrnd**. Present-day cryptography used for web server and client comn is susceptible to potential quantum cmptrs in near future. To safeguard against this, an innovative hardware Sw hybrid soln has been devp by MCTE using NIST recommended PQC protocols and capb for integ with QRNG box. This innovative soln impl a quantum attack resistant server-client encrypted comn.	(i) Committee gtd the IPA for PoC on a Test Bed. (ii) Committee dir ACG, Sigs-7 & ASDC to be part of committee for providing tech sp and progress made be upt in the 52nd SAC.	**MCTE Mhow**

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	(ii) **Purpose**. To devp a PQC Based Web Server and Browser for impl an encrypted link between server and client at user level against potential quantum cmptr attack. (iii) **Type of Sw**. Customised. (iv) **Cost**. Nil (In-house devp). (v) **Dply Scenario**. ADN/ LAN/ Internet as all types of nw will have server client comn that needs to be encrypted against potential quantum cmptr attacks in near future.		
(e)	**WISER-Web Interface for Searching En Int Opr Records** (i) **Backgrnd**. Web based appl to iden, report, verify & compile suspicious PIO Nos/ SM accts in an easily accessible web interface across IA, thereby countering PIO threat. (ii) **Purpose**. The appl aims to digitise and provide a Pan Army interface hosted on ADN for searching and submitting suspicious mob Nos or SM accts targeting serving pers. It also ensures timely initiation of n/a at the user end and provides leads to the auth agency for further inv. Beneficiaries & tgt users will incl all serving IA pers & auth agency, i.e. IHQ of MoD (Army) Int Bn. (iii) **Type of Sw**. Bespoke. (iv) **Cost**. Nil (In-house devp). (v) **Dply Scenario**. ADN.	Committee dir the sponsor to examine the feasibility for incorporating the list of PIO Nos on MI webpage and also directed that the sponsor should process the case through DGMI (MI-9) for providing curated list of PIO Nos to be shared for uploading on ARMAAN web appl.	**Int Bn, IHQ of MoD (Army)**
(f)	**Website for Armed Forces Memorials** (i) **Backgrnd**. As per the dirn of VCC, in order to highlight the saga of valour, mil ethos & traditions enshrined in the archives of war memorials be made easily accessible to the citizen of the country which shall act as a source of motivation, further str the sense of National Integ and to pay homage and in remembrance of killed in Action. (ii) **Apropos,** addn to e-Museum proj of the three services led by IA, there is a need to digitize all war memorials of the three services and link them with the NWM&M website. VCOAS remarked that proj can be initiated as	Committee recom the agenda pt for the consideration of OAC.	**AG's Br/ CW-2**

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	part of 100 days agenda under a lead service and completion of the proj should be expedited. VCC dir the fwg:- (aa) IA to be the lead Service for the project of 'Digitisation War Memorial of three Services' incl linking with NWM website. Proj to be completed in a time bound manner. (ab) The project may be initiated as part of 100 days agenda. (iii) **Purpose**. To showcase the Armed forces Memorials through internet to the general public. (iv) **Type of Sw**. COTS. (v) **Cost**. ₹ 2.0 Cr (approx) (for 110-120 memorials of IA, IAF and IN. (vi) **Dply Scenario**. Internet and to be linked with NWM&M website.		
(g)	**Territorial Army Officers Structured Info Sys (TAOSIS)** (i) **Purpose**. TA-4 of TA Dte is Records and MS for the TA offrs. At present the TA units are working on the old model of docu making them reach this HQ and all other necy org in phy form. As per the dirn of CDS/ COAS for paperless docu and PCDA (O) Pune not accepting the phy Part-II, there is a need to devp a Sw (Common platform) for smooth, correct and timely updation of offr records. The Sw will provide platform for TA offrs to check their records and their part II updates taking place at TA Dte. It will help TA Dte to plan their courses, postings etc and will provide platform to CDA to do the online adjustments of cas related to financial matters and MS wrt ACR related issues. (ii) **Type of Sw**. Custom Sw Devp. (iii) **Cost**. ₹ 10-15 Lakh (Not incl in ITPPP). (iv) **Dply Scenario**. ADN.	(i) Committee dir MISO to build a TA module for HRMS on SAMAARTH appl as per dirns of COAS. (ii) The committee also dir MISO to provide necy tech assistance in the interim for data ingestion in Dolphin Appl of PCDA(O), Pune.	**DGTA (TA-4)**

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(h)	**Inf Legal Court Case Mgt (ILCM) Ver 2.4** (i) **Backgrnd**. A need is felt for updation of processing & monitoring of Legal Cases be all stakeholders to include Records Offices, Dte Gen of Inf/Inf-9 (Legal), AFT Legal Cells & AG/PS Dte. The present sys of upkeep and updating manual record maint is being done at Records Office and Dte Gen of Inf/ Inf-9 (Legal). A Sw appl is reqd to be devp for all stakeholders i.e. Inf Records Offices, Dte Gen of Inf/Inf-9 (Legal), AFT CElls & AG/PS Dte for ease of processing and monitoring Legal Cases & also maint database. (ii) **Type of Sw**. Customised. (iii) **Cost**. ₹ 25 Lakh (incl three yr AMC). (iv) **Dply Scenario**. ADN.	Committee dir sponsor in consultation with ASDC to explore LLMS appl of JAG Br for est feasibility of exploitation of the same appl.	**DG Inf (Inf-9)**
(j)	**Integ Sw Soln for Inf Hostel** (i) **Purpose**. A need has been felt for ensuring seamless mgt of Inf Hostel. The present sys of manual upkeep and updating data has major flaws, at times missing out on certain quintessential aspects and is time consuming. The integ Sw would facilitate accurate sales report, inventory and guest mgt, real time data analysis and revenue tr for its mgt. (ii) **Type of Sw**. Customised. (iii) **Cost**. ₹ 25 Lakh (Approx). (iv) **Dply Scenario**. Standalone.	(i) Committee dir sponsor to explore feasibility of utilising similar avbl appls in consultation with ASDC through a BOO. (ii) The sponsor to upt the committee during the 52nd SAC.	**DG Inf**
(k)	**Auto of WE/ PE Sw** (i) **Backgrnd**. The mgt of the respective WE/ PE involves a large amount of data in terms of validity, authorisation of manpower, eqpt, tpt of amn and wpns etc. The review procedure involves a large number of stakeholders which includes OL Dte, MO Dte, ASEC, AG Br, FP Dte and respective Line Dtes. This involves the file to be processed phy in a set sequential manner. (ii) **Purpose**. Auto of the process will help in quicker decision-making and file	(i) Committee gtd IPA for devp of 'Auto of WE/ PE Sw'. (ii) Chairman dir ASDC to take up the proj and sponsor to submit comprehensive reqmt to the Proj Offr. (iii) Committee dir the sponsor to follow the guidelines mentioned in	**DGSD (SD-11)**

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	processing. It will enable prompt response to emerging queries and keep info flow to all stakeholder concurrently for further plg and query analysis. (iii) **Type of Sw**. Bespoke. (iv) **Cost**. Nil (In-house devp). (v) **Dply Scenario**. ADN.	'SoP on Whitelisting of Appls'.	
(l)	**Nirvachana** (i) **Backgrnd** (aa) Case file was fwd to AG's Br on 05 Jun 23 seeking inputs wrt impl of the appl for all arms and services. AGs Br sought clarification wrt legal implications and sought comments from JAG Br in addn to certain queries which were addsd by sponsor. (ab) Subsequently, the case was fwd to JAG Br for obtaining comments wrt legality of voting on digital platform on 04 Aug 23. (ac) CW Dte has recom a mock trial of the Sw (hybrid model). Accordingly, sponsor has progressed the case for accordance of IPA for the pilot project exclusively for selection of Col Comdt of Corps of Signals. (ii) **Purpose**. Aim is to conduct the Col Comdt Election in online mode. Beneficiaries and tgt users are Signals offrs Col and above rank. (aa) The sw provides highest level of transparency, control, security and efficiency. (ab) The sw reduces the time-consuming efforts of ballot paper voting and requirement of a BOO to prep the result. (ac) The sw eliminates human errors such as loss of voting documents and miscounted votes.	(i) Committee gtd IPA for PoC of 'Nirvachana' for DG Sigs. (ii) Committee dir the sponsor to follow the guidelines mentioned in 'SoP on Whitelisting of Appls'.	**HQ 21 Sig Gp**

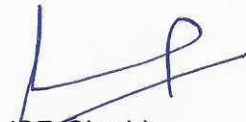| S No	Agenda/ Info Pts	Decision / Dscn	Resp
	(iii) **Type of Sw**. Customised (Pilot proj for Sig Dte). (iv) **Cost**. Nil (being In-house Devp). (v) **Dply Scenario**. ADN.		
(m)	**Dicta Mil (Speech to Text) Sw** (i) IPA of SAC for whitelisting Dicta Mil (Speech to Text) Sw for dply on standalone systems was accorded during 42nd SAC Mtg dt 27 Oct 2023. (ii) The sw is presently under testing at HQ Northern Comd for their specific use cases, wherein, the requirement of dply the Sw on ADN has been recd.	(i) Committee gtd IPA for hosting the appl on ADN along with proc of associated Hw. (ii) Committee dir the sponsor to follow the guidelines mentioned in 'SoP on Whitelisting of Appls'.	**ASDC**
(n)	**Mil Chat** (i) **Backgrnd**. As per dirns of DCOAS (IS&C) for collation and dissemination of org info a LLM based chat has been devp by DGIS. (ii) **Purpose**. To provide access to org info through ADN to pan IA. (iii) **Type of Sw**. Bespoke. (iv) **Cost**. Nil (In-house devp). (v) **Dply Scenario**. ADN.	(i) Committee gtd IPA for hosting the appl on ADN along with proc of associated Hw. (ii) Committee dir the sponsor to follow the guidelines mentioned in 'SoP on Whitelisting of Appls'.	**DGIS**
(o)	**IAM Integration: ASAAN**. (i) **Backgrnd**. The appl is being upgraded to incl automation of fin txns (insurance, settlement of accts etc), policy decisions on disability (GSL awaited) and lve rules (clarification pending) as well as exploring feasibility to allow access to AVs. The appl is constantly evolving based on the emerging reqmts. IAM integ can only be done post incorporation and addl functionalities/ based on the reqmts. Waiver for IAM integ of ASAAN has been granted till 31 Jul 24. (ii) **Proposal**. Waiver for IAM integ of ASAAN appl may be granted for a pd of three months upto 30th of **Sep 2024**.	Cdr ACG, informed the sponsor that sanction has been gtd till 30 Sep 2024.	**AG's Br/ CAMO**

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(p)	**In Service Appls** (i) **Background**. Indian Armed Forces have devp '**75 In Service Appl**' for service specific needs which are hosted on their respective Nws. However, these appls have remained service centric and confined to a particular segment of the Armed Forces. To have a further boost towards integ, economy of effort and better coord, there is reqmt of sharing these unique 'In Service Appls' among the three services, detls shared with all dtes vide DGIS Note No B/05353/SAC/Auto/IT/Info Sys dt 12 Jun 24. (ii) **Proposal**. The appls devp by sister services are proposed to be considered by the EATC for extn to IA. In view of the above, comments are sought for exploitation and sharing of the appls.	(i) Committee recom the use of avbl In Service Appls for fast tracking the auto of the Def Forces. (ii) The committee also recom for the appls to be proposed for utilisation by Steering Tech Committees/ Anchor Dtes and proposal be fwd to SAC/ ETC for perusal by the sponsor. (iii) The source code of the appl will be kept in Digital Repository to be maint by DDG IT as per dirns on the subject.	**All Dtes/ Brs of IHQ of MoD (Army)**
(q)	**Vital Inventory Keeping and Logistics Portal (VIKALP)** (i) **Backgrnd**. The IQMP was devp during the year 2013 to 2016 by M/S TCS under the aegis of ASDC. Based on the latest tech avbl at that time and Nw limitations, IQMP was devp as a LAN based web appl on Dot Net Framework 4.0 architecture. With the proliferation of unified ADN on NFS and absolution of IQMP tech stack, it is imperative to upgrade it's tech stack incl the incorporation of new features based on user feedback. (ii) **Purpose**. To provide a centralised web based Sw soln to auto the critical fn of 'Q' branch and logistics mgt for all IA units, it is proposed that based on the business logic of IQMP, an enterprise level logistics mgt appl for IA to be devp on latest tech stack for utilisation by units/ formations/ est on ADN. (iii) **Type of Sw**. Bespoke. (iv) **Cost**. Nil (In-house devp). (v) **Dply Scenario**. ADN.	(i) Committee gtd IPA for devp of 'Vital Inventory Keeping and Logistics Portal (VIKALP)'. (ii) Committee dir the sponsor to follow the guidelines mentioned in 'SoP on Whitelisting of Appls'.	**DGIS**
(r)	**Devp of Army Land Record Mgt Sw** (i) **Background**. Def land is being sought by numerous agencies govt/ pvt for devp of	(i) Committee gtd IPA for devp of 'Army Land Record Mgt Sw' and directed that SRS Docu	**QMG Br/ DG LW&E (Land)**

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	infra, pan India. These reqmts require careful examination of purpose and appropriate recom to QMG. Land being a precious asset, it is imperative that we devp a comprehensive land record mgt sys to facilitate quality and ease of access to latest land data. ***Govt of India itself has revamped the existing National Land Record Modernization Pgme (NLRMP) by bring in the Digital India Land Records Modernization Pgme (DILRMP) in 2016.*** The availability of land, particularly in high density stations is ltd. That apart, land acquired in excess reqmt, represents on available waste of the States resources. In order to ensure that acqn of fresh lands for defence purposes is restd to min reqd, Army HQ is reqd to ensure the fwg: -
	
	     (aa) Carefully explore the possibility of utilizing the existing def owned land before projecting proposal for acqn of addl areas.
	
	     (ab) Ensure that land already avlb with stns in fully utilized.
	
	 (ii) **Felt Need to Digitize Land Records**
	
	     (aa) **Reduce Litigation/ Frauds**. Providing clear & secure ownership rights.
	
	     (ab) **Improve Transparency**. Records are often inaccurate. Hence, digitized land records can improve quality and accessibility.
	
	     (ac) **Zoning**. Digitized records shall assist in finalization of Zonal plans.
	
	     (ad) Improve Quality & Accessibility of Land Records.
	
	     (ae) Improve Coord & Coop with DEOs/ PDDEs/ DGDE and State Revenue Deptts.
	
	     (af) Repository of info avbl to SOs & Cdr's in the Chain of Comd.
	
	 (iii) **Conclusion**. It is requested that this project by taken by DGIS for devp for overall improvement of land records of the org and ease of access to updated data.
		be fwd to DGIS at the earliest for early in-house devp of the appl.
		
		 (ii) Committee dir the sponsor to follow the guidelines mentioned in 'SoP on Whitelisting of Appls'.	

4.   For necessary action pl.

(SP Singh)
Col
Col (Ops & Plg)
for Chairman SAC

Brig MO (IW), DG MO	**Brig T, DG Sigs**	**Cdr, ACG**
DG Sigs (Sigs-7)	**DGMO (MO-12)**	**ACG**
DGTA (TA-4)	**DGSD (SD-11)**	**AG's Br/ CW-2**
DG Inf (Coord)	**DG Inf (Inf-9)**	**Int Bn, IHQ of MoD (Army)**
MCTE Mhow	**CIF (V) Sig Regt**	**CCSR/ HQ CC (Sigs)**
HQ CC GS (Sys)	**HQ 21 Sigs Gp**	**AG's Br (Agniveer Cell)**
CAMO	**All Dtes/ Brs of IHQ of MoD (Army)**	
QMG Br/DG LW&E (Land)		

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DCOAS (IS & C) Sectt

DCOAS (Strat) Sectt   -   for info pl.

DCOAS (CD & S) Sectt

Internal :-

DDGIT	**MISO**	**ASDC**	**PMO CIDSS**
PMO BSS	**PMO ACCCS**	**AIC**	