Tele No: 39584

B/05353/STC/Auto/IT/Info Sys

19 Sep 2024

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

# MINS OF 2<sup>ND</sup> STEERING TECH COMMITTEE (STC) MTG ON AUTO/ DIGITISATION/ SERVICE SPECIFIC & JT APPLS - STC (AUTO) HELD AT DGIS ON 12 SEP 2024

- 1. Ref DCOAS (IS & C) Sectt Note No 57926/ICT/DCOAS (IS & C) Sectt/IS dt 07 Sep 2021.
- 2. The 2<sup>nd</sup> STC (Auto) mtg was held on 12 Sep 2024 at DGIS Conf Hall. The mtg was chaired by Lt Gen Rajiv Kumar Sahni, VSM, PhD, DG Info Sys. Fwg were present during the mtg:-

#### (a) Members.

- (i) Maj Gen AK Jha, ADG IS, DGIS.
- (ii) Maj Gen MP Tejinder Kumar, ADG T, DG Sigs.
- (iii) Brig Rajesh Sihag, Brig Concepts, DGIS.
- (iv) Brig Maneesh Joshi, Brig IT, DGIS.
- (v) Brig JS Sidhu, Brig ADB (T&WS), ADG ADB.
- (vi) Lt Col GS Patiyal, OIC (Testing & Eval), ACG.

## (b) Invitees/ Other Attendees.

- (i) Brig Kartar Singh, Brig A, HQ NC.
- (ii) Brig Rahul Mishra, BGS (IS), HQ CC.
- (iii) Col A Mukherjee, Col A, HQ NC.
- (iv) Col Vikrant Sharma, Col GS (Plg), HQ NC.
- (v) Col Puneet Gupta, Col Instr, School of Arty.
- (vi) Lt Col Vaibhav Apte, GSO-1 (Sys), HQ CC.
- (vii) Lt Col Rakesh Tiwari, GSO-1, HQ ARTRAC.
- (viii) Brig Gaurav Jain, SM, Brig OIS, DGIS.
- (ix) Brig SP Sharma, Brig Med (IT), DGMS (Army).
- (x) Col Kalyani Addya, Col Med (IT), DGMS (Army).
- (xi) Col Deepak Sisodia, VSM, Col MISO, DGIS.
- (xii) Col SP Singh, Col (Ops & Plg), DGIS.
- (xiii) Col Vivek Dabas, CICG.
- (xiv) Col S Vengatesan, VSM, Comdt ASDC, DGIS
- (xv) Lt Col Gautam Pant, GSO-1 (T&P), DDG IT, DGIS.
- (xvi) Lt Col RS Rana, GSO-1 (SA&D), WARDEC.
- (xvii) Lt Col AS Rana, Proj Offr, AFSAC Cell, DGMI (MI-11).
- (xviii) Lt Col Jasjeet Singh, GSO-1, ASDC.

- Through VC.

- (xix) Maj VS Rathore, Proj Offr, AFSAC Cell, MI-11, DGMI.
- (xx) Maj Tanmay Rakhe, GSO-1, MISO.
- (xxi) Maj Kunal Kapoor, ADG Mil Svy.
- (xxii) Maj Abhishek Yadav, CICG.
- 3. The agenda pts discussed and decisions taken are given below:-

Ser No	Agenda Pt	Decision/ Dscn	Resp
(a)	'Data Mgt Sw (DMS)'.  (i) Backgrnd. Case was discussed during 51st SAC held on 19 Jun 24 and the Committee dir that sponsor to carry out a BOO for ascertaining the best avbl COTS Sw and the cost for digitisation of data.  (ii) As per dirns of the 51st SAC Mtg, sponsor has submitted BOO duly completed in all respect.  (iii) Cost. ₹88, 50, 000/-(as per BOO).	(ii) Sponsor briefed the Committee on BOO proceedings for ascertaining the best avbl COTS Sw and the cost for digitisation of data, for further finalisation of the Sw and integ the same in eOffice Sw appl.  (ii) ADG Tac C recom that the sponsor to present the detls wrt storage capacity of the data and addl reqmts for existing CDC/RDCs need to be factored in prior to the ingestion of data.  (iii) Brig IT highlighted that the BOO submitted by the sponsor only mentions the services being offered by the COTS Sw. However, as per existing 'SoP on COTS Sw' a quantified comparison wrt various functionalities being offered by COTS Sw appls be brought out for clear demarcation & finalisation of the Sw appl. The same has not been done in the BOO fwd by the sponsor.  (iv) Committee highlighted that eOffice appl has been impl jointly by DGIS & NIC for all Dtes/ Br of IHQ of MoD(Army) & HQs Comd. Therefore, adequate representation/ comments of NIC to be obtained by the sponsor for ingestion of DMS Sw appl in eOffice.  (v) Committee directed the sponsor to carry out 'In-Depth Comparison' of COTS Sw appls alongwith detl plg & exec	HQ CC GS (Sys)

<u>Ser</u> No	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	<u>Resp</u>
		considering storage capacity aspects in consultation with DG Sigs/ AHCC. The case may be mov on file for obtaining comments of all stakeholders and presented in subsequent STC (Auto) mtg.	
(b)	<ul> <li>'Study Lve Appl'.</li> <li>(i) Purpose. Every yr, more than 1000 Offrs apply for study lve against 500 vacs (approx). Therefore, a Sw appl needs to be devp which will be linked with applicant, IO &amp; RO, MS Br, Line Dtes &amp; HQ ARTRAC so that study lve appls can be submitted in time thereby avoiding delay as well as better mgt of these appls for screening.</li> <li>(ii) Type of Sw. Customised.</li> <li>(iii) Cost. Nil.</li> <li>(iv) Dply. ADN.</li> </ul>	(i) Sponsor briefed the Committee on auto the reqmt of 'Study Lve Appl' for Offrs of IA.  (ii) Committee highlighted that Sw for processing 'Online Appl for DSSC/ DSTSC Exam' alongwith 'Online Submission for Pre-Staff Course Module' has been devp and handed over to HQ ARTRAC. Therefore, devp of a separate 'Study Lve Appl' will amt to fragmented efforts.  (iii) Committee directed the sponsor that a module of 'Study Lve Appl' be devp and incorporated as a module in existing Sw Appl, thus obviating piecemeal appl. As a later devp, modules for processing online appls for Part B & Part D exams can also be incorporated resulting in 'One Sw for all Offr Exams/ Study'.	HQ ARTRAC
(c)	'Whitelisting of Google Earth Pro Sw (For 1 Corps & 14 Corps)'.  (i) Purpose. Google Earth Pro Sw is a hy visualisation Sw which provides open digital topographical data and display it as per mil co-ord sys alongwith multiple overlay of 3D trn, Def Series Maps (DSMs), satl imagery, contours & tgt info encompassing an exhaustive database of critical data overlays of Rd Nw, Mil Camps, IMINT, ISUMs, RPA reports, etc. Google Earth Pro Sw can be config for making of Strat Strikers 3D Artigeo Sw & Strat Strikers 3D Strike Mapper Sw. It is based on a standalone sys	<ul> <li>(i) No rep from HQ NC GS (Sys)/ HQ 72 Arty Bde was present to brief the Committee on the agenda pt and answer the queries on need of a new GIS appl.</li> <li>(ii) Committee directed the sponsor to ensure representation by adequate level for the agenda pt in subsequent STC (Auto) mtg.</li> </ul>	HQ NC, GS (Sys) HQ 72 Arty Bde

Ser	Agenda Pt	Decision/ Dscn	Resp
<u>No</u>	wherein one time high definition 3D cache of sect is prep and uploaded for offline usage, which will sustain upto two yrs and thus no online connectivity is reqd.		
	(ii) The same shall empower OPs, Gun End and cells at Sensor to Shooter Comp Post with adv 3D geospatial capb which enhances precision shooting, tgt analysis, wpn to tgt matching and sit awareness in the ops (HQ 72 Arty Bde is the Nodal Agency for Sw devp).		
	(iii) <u>Type of Sw</u> . Customised (Hy 3D visualisation Sw).		
	(iv) <u>Cost</u> . Nil.		
	(v) <u><b>Dply</b></u> . Standalone.		
(d)	Whitelisting of VIMOCHAN Sw Ver 1.0.  (i) Purpose. To create ADN based soln for real time info dissemination and monitoring as well as eval of all cases pertaining to AG's, DV, HR, JAG & Med matters of entire NC, thus est connectivity rt from unit level to IHQ of MoD (Army) whilst adopting access cont procedures.  (ii) Type of Sw. Bespoke.  (iii) Cost. Nil (Maint ch will be clr post dply).  (iv) Dply. ADN.  (v) Comments of AG's Br (DV-1). Comments of DV Dte has also been recd duly recom whitelisting of Sw.	<ul><li>(i) Committee gtd IPA for whitelisting of 'VIMOCHAN Sw Ver 1.0'.</li><li>(ii) Committee directed the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Appls'.</li></ul>	-
(e)	'Armed Forces Secure Access Card (AFSAC): Access To Data held with Single Source of Truth (SSOT) Through API for E-IASAC Appl'.	(i) Sponsor briefed the Committee on reqmt of 'Five Data Fds' viz 'Service No, Name, DoB, Dt of Commission/ Dt of Enrolment & Permt Address' from appl owners (SSOTs) for subsequent data ingestion into	MS Br
	(i) IPA for Devp of E-IASAC Appl. Case was discussed during	E-IASAC appl.	(1411-11)

<u>Ser</u> No	<u>Agenda Pt</u>	<u>Decision/ Dscn</u>	Resp
	the 46 <sup>th</sup> SAC Mtg held on 30 Jan 24 and the Committee dir that the case file to be processed to DGIS for confirming SSOTs in r/o of <b>Five Data Fds</b> mentioned in file for their necessary action and apvl. Post apvl of the Committee, necessary dirns would be passed to API Gateway owner (DG Sigs) for grant of data exch betn the appl owners (SSOTs) and E-IASAC appl.	(ii) Committee gtd the permission for sharing of respective SSOT data elements subject to confirmation by AGs Br & MS Br.	
	discussed on 14 Jun 24 during collegiate on E-IASAC appl at DGMI (MI-11). As per the dirns, whitelisted API gateway is to be used to facilitate data exch of five data fds beth SSOTs and E-IASAC appl.  (iii) The IAAP devp by DGIS is		
	presently under testing at ACG.		
(f)	Upgradation & Augmentation of Existing Lab Info Sys (LIS) in 62 Mil Hosps with SMS Services.  (i) Purpose. Upgrade and augment the existing LIS in 62 Mil Hosp with SMS services to facilitate avbl of patient reports from LIS thereby reducing timelag betn genr of reports and adm of treatment.  (ii) Type of Sw. COTS.  (iii) Cost. ₹ 1,20,06,500/-	` '	(Army)/ PMO HIS
(g)	Re-Whitelisting of Proj SAMAR.  (i) Purpose. Proj SAMAR is a cmptr based wargame jointly devp by WARDEC and ISSA (DRDO) under dirns of HQ ARTRAC. It has been designed to cover entire array of plg and conduct of Offn & Def ops within the Corps Z in WC, SWC and	(i) Sponsor briefed the Committee that 'Proj SAMAR' is being expl as a Corps level wargame with impl down to Bn/Regt level. The wargame need to be re-whitelisted for its continuous use at wargaming centers & Fmns pan IA.	DGMO (MO-12) WARDEC/ HQ ARTRAC ACG

<u>Ser</u> No	Agenda Pt	<u>Decision/ Dscn</u>	Resp
	SC. SAMAR is a dynamic two sided free play wargame played under a Corps canvas. It is an excellent tool for trg Cdrs and staff at the level of Div, down to Bn/ Regt. The wargame facilitates all players to play their respective roles intriguingly to have due impact in the overall outcome.  (ii) Sw was vetted by ACG from Cyber Security perspective for dply on excl LAN on 17 Jun 2021. The Sw was whitelisted vide whitelisting Cert No 05/2022 dt 18 Jan 22. The validity of cyber vetting was for three years till 17 Jun 24 and the Sw is due for re-whitelisting.  (iii) As per DGMO (MO-12) letter No A/12108/Vetting/ MO-12 dt 08 Dec 20, the procedure for re-vetting of website/ web appl shall commence from sponsor end, at	(ii) Committee directed the sponsor to proceed for VAPT testing in coord with MO-12 & ACG.	
	least 4 months (120 days) prior to the expiry of the current clearance to cater for timely vetting at ACG.		
(h)	DGMO (MO-4) will result in	<ul> <li>(i) Committee gtd IPA for devp of 'Auto Op Wks Procedure'.</li> <li>(ii) Committee directed the sponsor to devp the Sw appl for its further upscaling to all HQ Comds.</li> <li>(iii) Committee directed the sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting of Appls'.</li> </ul>	HQ NC GS (Plg)
	(v) Case was discussed during 1st STC (Auto) Mtg held on 02 Aug 24 and the Committee directed the sponsor to present the detls of the		

<u>Ser</u> No	Agenda Pt	Decision/ Dscn	Resp
100	Sw appl viz tech stack, utility, etc through a VC to the Committee for further consideration.		
	(vi) HQ NC conducted detl analysis of 'SAMPOORNA' Sw appl (13 Engr Regt) vis-à-vis 'Auto Op wks Procedure' Sw appl and highlighted that both projs can't be combined as the scope and user base of the Sw appls is entirely different. A detl justification has been recd vide HQ NC letter No 12075/NC/GS (Plg) dt 05 Aug 24.		
	(vii) <u>Proposal</u> . 'Auto Op wks Procedure' Sw appl is hereby proposed for perusal of the Committee for grant of IPA. The Sw appl can be upscaled for impl of 'Monitoring of Op Wks' in other HQs Comd.		
(j)	Regmt of Data for AOC Portal through IAAP.	(i) Sponsor briefed the Committee on reqmt of data exch	DGOS CICG
	(i) Backgrnd. AOC Portal on ADN is widely expl by each unit of IA for placing demands of Ord stores. The units have access to smart demand templates which have prefilled detls of items and Cat Part No. Units can also add new items as they have vis of the global items gallery of Ord stores for selecting and demanding on the depot. The cont and issue of stores are also done in near real time by synchronising data betn AOC Portal and customised soln. Furthermore, appl such as ProcTrac and Ammonet are also being hosted alongside the AOC Portal.  (ii) Purpose. Unit Demand Auto.	betn CICG & MISO appl for auto of unit demand procedures.  (ii) Committee highlighted that DGIS has devp Portal for Unit Level Lgs (PULL) for auto the 'Unit Demand Procedures' for its impl with Fd Fmns/ Units. Ord ech is resp only for the indent checking of the user as per procedure.  (iii) Committee directed that CICG to make a draft template for demand procedure and promulgate the same for vetting by all stakeholders.  (iv) Committee directed that an IHD to be conducted betn CICG & MISO, under the chairmanship of ADG IS, to discuss the modalities	MISO/ DGIS
	(aa) Currently, CICG has digitised all types of scales such as WET/ PET, CES/ ETS, Maint Scales, OH/ MR Scales and even Army Instrs. These scales form the basis	of data exch.  (v) CICG is on internet (VPN ex BSNL). Digitising all types of scales/ eqpt tables & Army Instrs and hosting it on internet facing portal requires a detl content vetting by DGMI before hosting.	

<u>Ser</u> No	Agenda Pt	<u>Decision/ Dscn</u>	Resp
NO	of calculating auth of units. This is done by the indent checker in the Ord ech. CICG has devp a functionality which auto the above processes, but is dependent on units for filling its correct eqpt holding/entitlement.		
	(ab) CICG has already devp a functionality which can auto genr demands for the fd units by calculating its auth as per various scales, dues in from depots and the stk held in unit. In order to extend this facility to Fd Army on AOC Portal, vital inputs from MISO on WE/PE/ GSL detls incl Manpower Auth, Unit Holding & Manpower Posted and MLCCS/ MCT Master are requested for ensuring the concept of SSOT.		
(k)	LLM based 'Contextual Search' for reply of PQs	(i) Committee gtd IPA for devp of 'LLM based Contextual Search for reply of PQs'.	VCOAS Sectt
	(i) <u>Backgrnd</u> . IA rx large No of		DGSD
	queries raised in public interest during various sessions of parliament. These queries related to MoD are fwd to DGSD in form of Parliamentary Questionnaires (PQs). The queries incl requisite detls in op, trg, adm, rect etc domains thereby involvement of multiple stakeholders. The queries are of time critical nature & entails inclusion of various auth like GSLs, policies, AO, Army Instrs, etc. The prep of replies entails searching through large datasets due to vol of info & complexity of queries, which is time consuming.	sponsor to follow the guidelines as mentioned in 'SoP on Whitelisting	DGIS
	(ii) <u>Purpose</u> . As per VCOAS dirns, a LLM based 'Contextual Search' module for effective & precise data search to be devp. The module will speed up the retrieval of relevant info by emp adv tools to		

Ser	Agenda Pt	Decision/ Dscn	Resp
No			
	extract valuable insights from data sets.		
	(iii) <u>Type of Sw</u> . Bespoke.		
	(iv) <u><b>Dply Scenario</b></u> . ADN.		
	(v) <u>Proposal</u> . LLM based 'Contextual Search' module for reply of PQs devp by DGIS to be fwd for ACG & AHCC vetting & dply by 15 Oct 24 (to be emp for forthcoming Parliamentary Session).		
Info F	<u>'t</u>		
(1)	Devp of Python Script for Genr Ques Papers. As per the reqmts of School of Arty (SoA), a Question Paper Genr pgme has been devp inhouse using Python language. The same is reqd to be instl on standalone cmptrs at various faculties and Central Eval Cell at the SoA. Apropos, Python, Anaconda 3 and dependent libraries will reqd to be instl in the nominated cmptrs.	Committee appre the auto efforts of the sponsor for genr question papers which will enhance transparency & accountability. Since, Python script is already whitelisted, hosting on standalone cmptrs is concurred.	School of Arty
<u>Dscn</u>	<u>Pt</u>		
(m)		(i) Lt Col Jasjeet Singh, ASDC, DGIS briefed the	ASDC/ DGIS
	(i) <b>Backgrnd</b> . Options avbl for devp of static website & appls in IA as under:-	Committee on multiple advantages of 'Reusability of Whitelisted Code' thereby amt to	DG Sigs/ AHCC
	(aa) Outsourcing.	redn in time and devp of Sw appls in faster timeframe.	ACG
	(ab) In-house devp.	(ii) Committee agreed to the	
	(ac) Reusing the code of existing whitelisted website/appl.  (ii) Proposal. As the format of transactional appl/ websites on ADN is standardised. Further appls/websites can be devp by reusing code from whitelisted ones. Therefore, it is proposed that in these cases, the clone of whitelisted aappl/ website be provided by AHCC/DG Sigs and only the content be updated as per reqmt. Once	proposal and directed that an IHD betn ASDC, DG Sigs/ AHCC & ACG to be conducted to prep & finalise the modalities on re-usability of already whitelisted code, fwg existing cyber security guidelines in vogue.	

<u>Ser</u> No	Agenda Pt	<u>Decision/ Dscn</u>	Resp
	content is updated the access of VDI be granted directly to ACG for remote testing followed by content vetting by DGMI (MI-11).		
	(iii) Benefits Accrued.		
	(aa) No phy mov of VDIs (Avg 25 to 35 GB Virtual Machine).		
	(ab) Hosting time on ADN reduced to days vs months.		
	(ac) Over all less resource extensive.		
	(ad) Re-usability of vetted		
	code.		
	(ae) Saving to exchequer.		
	(iv) Recom. To directly undertake remote testing by ACG post IPA, when the devp agency reuses the whitelisted code.		

# **Review of Cases for Sw Whitelisting**

4. During review of cases for Sw whitelisting, it has been obs that no corres has been recd from sponsor in r/o undermentioned 23 cases since the dt mentioned against each. Hence, it is recom that the cases may pl be closed:-

S No	Name of Proj	Sponsor	Dt Recd	<u>Last</u> <u>Corres</u>	Remarks
(a)	DGAFMS Web Appl	DGAFMS	23 Mar 21	01 Apr 22	
(b)	Auto of processing of pension & legal cases	ADG PS-4	23 Jun 21	25 Oct 21	
(c)	eTour Mgt, eLve Mgt & IT Projs Prog Monitoring Sw	HQ CC	17 Feb 22	25 Mar 22	
(d)	Visit Pgme	HQ CC	14 Feb 22	28 Jul 22	
(e)	Daksh Sw for trg of Clks & Gen Duty Sldrs	ASC Centre & College	25 Feb 22	20 Sep 22	Case closed vide ACG letter dt 31 Oct 23
(f)	Vetting of web appl : Online TD Auto	MCTE, Mhow	15 Jul 20	30 Jun 22	Case closed as eTD Appl of DGIS hosted on ADN
(g)	CMMJBL Web Appl 1.0	CMM, Jabalpur	25 Feb 22	11 Jul 22	
(h)	Adv Mob Audit Tool by 17 MDSR / 33 Corps	17 MDSR	25 May 22	30 Jun 22	

File No. 0331921A/60010/ARTRAC/DDGIT(T&P) (Computer No. 91797)

<u>S</u> No	Name of Proj	<u>Sponsor</u>	Dt Recd	<u>Last</u> <u>Corres</u>	<u>Remarks</u>
(j)	DV Ban Mgt Appl	DV-2	16 Jun 22	14 Oct 22	
(k)	MoD Access Pass Processing Sw (MAPPS)	O/o Chief security Offr (CSO)	11 Jul 22	13 Oct 22	RAMS devp by DGIS is whitelisted & utilised by O/o CSO for genr of SLAC
(I)	Docu Mgt Sys for role based access cont of the digitised docus	MS 4E	24 Jun 22	16 Sep 22	
(m)	Data Int & Analysis Tools (DIAT)	WARDEC	27 Sep 22	16 Dec 22	Withdrawn by sponsor
(n)	Mob Appl Sw for Navig Ex	HQ ARTRAC/ JL Wg (Inf School, Belgaum)	01 Mar 23	02 Mar 23	
(o)	Smart Access Cont & Visitor Mgt Sys	HQ EC (Provost)	25 Oct 23	21 Mar 24	Withdrawn by sponsor
(p)	Appl of e-invitation for Army Day Parade	CW-1	02 Jul 21	14 Jun 22	
(q)	Auto Patient Mgt Sys (BH, Delhi Cantt)	DGMS (Army)	29 Jun 21	23 Aug 21	
(r)	Impl of Tab Based eLearning at MCEME, Secunderabad	MCEME	01 Oct 21	14 Feb 22	
(s)	Prep of Donation Mgt Sw ACWF & AFBCWF	CW Dte	12 Nov 21	17 Dec 21	
(t)	Cyber Security Clearance for Sw Devp/ Testing PCs & Sw	HQ CC	25 Oct 21	06 Dec 21	
(u)	New online exam Sw	DG Sigs (Sigs-9)	03 Mar 21	03 Nov 21	Withdrawn by sponsor
(v)	Friends for Life (Fresh Devp)	MCTE, Mhow	04-Jan-24	02 Aug 24	Being devp by ASDC
(w)	AMA Dashbd	DGOL & SM	14-Dec-22	02 Aug 24	Returned to sponsor; Whitelisting not reqd
(x)	Sldr Golden Hr Care Compendium	HQ SC GS (Sys)	23-Apr-24	27 Aug 24	Hosted as resource on ARMAAN

5. <u>Dirns of Committee</u>. Committee directed that DDGIT to carry out necessary corres with the respective sponsors in view of any prog/ updt of above listed 23 Sw appls. The necessary detls obtained from the sponsors to be presented in subsequent STC (Auto) mtg.

6. For necessary action pl.

(Jageshwar Gauniyal)

Lt Col

GSO-1 (Plg)

for Chairman STC

VCOAS Sectt AG's Br MS Br

DGMO (MO-12) DG Sigs (Sigs-7) ADG ADB

ACG DGSD (Coord) DGMI (MI-11)

DGMS (Army)/ PMO HIS ADG Mil Svy HQ NC, GS (Plg)

<u>HQ ARTRAC</u> <u>HQ CC, GS (Sys)</u> <u>HQ NC, GS (Sys)</u>

HQ NC, AG's Br School of Arty WARDEC

DGOS (Coord) CICG HQ 72 Arty Bde

<u>AHCC</u>

Copy to: -

**DCOAS (Strat) Sectt** 

DCOAS (IS & C) Sectt - for info pl.

DCOAS (CD & S) Sectt

Internal:-

DDGIT MISO ASDC PMO CIDSS

PMO BSS PMO ACCCS AIC