

I/32022/2024

Tele Mil: 2722

BY ASIGMA

Mukhyalaya Madhya Kaman
Headquarters
Central Command (Sigs)
PIN - 908544
C/o 56 APO

554702/IR&D/Gen/Sigs-2

Dt as per digital sign

Directorate General of
Information Systems (DDG IT)
GS Branch, IHQ of MoD (Army)
DSIS Enclave
Rao Tula Ram Marg
New Delhi 110010

INDIGENISATION RESEARCH AND DEVP PROJS FY : 2024-25

1. Ref SOP on whitelisting of appl software (SW) in IA recd vide DDG IT, DG IS letter No B/04001/Policy/Whitelisting SOP/DDGIT (T&P) dt 19 Jul 2022.
2. It is intimated that IR&D proj “**Self Audit Tool for all Users at HQ Central Comd**” is being exec by this HQ. As per para 9 (a) of SOP under ref, **Appx C** (duly filled) is att herewith.
3. You are requested for grant of pre apvl for taking the proj fwd.

(Sandeep Gagain)
Col
Col Sigs (EW & PM)
for CSO

Copy to:-

HQ Central Comd (OCPD Cell) - for info pl.

Appx C

(Ref para 9 (a) of SOP on whitelisting
of appl software (SW))

SELF AUDIT TOOL FOR ALL USER

1.	Unit/ Directorate/ office initiating the vetting	CENTRAL COMMAND SIGNAL REGIMENT
2.	Name of proj (incl ver) :	Self Audit Tool for All Users
3.	Name of sponsor. :	HQ Central Comd (Sigs)
4.	Type of Sw (Bespoke/COTS/Customized)	Customized software appln
5.	Brief justification/ endorsement on reqmt for Sw appl	As per ACSP 2023, there is reqmt of carrying out three internal and one external audit of all IT assets. With the increase 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 system for their compliance to audit policies. Self-audit by the user on the other hand can reduce these man-hour, where in the tool automatically checks all the audit parameters and generates a consolidated report.
6.	Aim & Scope Purpose incl utility, beneficiaries and tgt users	(a) Self Audit Tool runs at the user PC and checks for 128 parameters and generates a consolidated audit report. (b) The application can then be signed by the user digitally and the signed coy can be fwd to the auditing auth.
7.	To be hosted on internet/ ADN with brief justification.	The appln will be run on ADN PCs for audit of the systems.
8.	Being devp in house or though IT funds	The appln is being developed by IIT Kanpur as an IR&D project.
9.	Usability of proposed appls by other arms/services/org/est.	Application will be beneficial to all users. The application shall empower users to do their own cyber audit.
10.	Hw and IT infrastructure reqd.	It is an executable application to be run at the PC by the user.

11.	Brief details of content of the proposed Sw appl.	(a) The application is an executable file which can be run at the client end. (b) The application can access the system parameters and generate the complete audit report. (c) The audit report can then be digitally signed by the user.
12.	Endorsement by Head of Br/Svc/Fmn	HQ Central Comd (Sigs)
13.	Details of user base.	The appln will benefit all ADN users
14.	Envisaged cost of entire proj incl license fees and maint	The cost of the project is approx 1.63Cr.
15.	Projected dt of completion incl maj timelines.	Post approval, IIT Kanpur will be taking a pd of 1 Yr for development of the appln.
16.	Brief details of Sw platform and tech stack proposed for devp of appl incl op sys dependencies (if any)	The application is being developed as an executable application to be run at the client end.
17.	Brief details of proposed network and bandwidth reqmt.	Application is to be used on ADN PC.
18.	Brief details of OS & Sys software reqmts.	The application requires Win 10 22h2 or higher.
19.	Brief details of proposed data security measures incl backup of data.	No data is stored by the application
20.	Brief Details of proposed Database Engine to be used in the appl.	Nil
21.	Detls of sw architecture and COTS Sw proposed to be utilized.	Nil
22.	Detls of proposed architecture – Centralised/ Federated/ Hybrid	The appln is an executable file that can run on a client machine.
23.	Brief details of proposed utilization of public key infra (PKI) and iden and Access Mgt (IAM).	NA

24.	Technology dependencies (if any).	NIL
25.	Database reqmts.	NIL
26.	Enhancement/ upgradation (incl patch mgt/ Sw updt procedure and mechanism	Upgrades shall be provided by IIT Kanpur
27.	Details of licensing (If any).	IIT Kanpur