

Appendix 'C'

(Ref Para 11 (a) of DDG IT letter No
B/04001/Policy/SW/DDGIT (T&P) dt
08 Jul 2024)

**CHECK LIST FOR STATEMENT OF CASE FOR UPGRADATION AND AUGMENTATION
OF EXISTING LAB INFO SYS (LIS) IN 62 MILITARY HOSPITALS WITH SMS SERVICES
UNDER DGMS (ARMY)**

1.	Name of Proj	:	Upgradation and Augmentation of Existing Lab Info Sys (LIS) in 62 Military Hospitals with SMS services under DGMS (Army)
2.	Name of sponsor	:	DGMS (Army)/PMO HIS
3.	Type of SW (Bespoke/COTS/ Customized)	:	COTS and customised as per user reqmts
4.	Brief justification /endorsement on reqmt for devp of SW appl	:	Upgradation and augmentation of existing LIS with SMS services to facilitate availability of patient reports from LIS and delivery of reports directly to patients as soon as it is generated for better clientele satisfaction.
5.	Aim & Scope Purpose incl utility, beneficiaries and tgt users	:	<p>(i) Presently the LIS is interfaced with existing Dhanwantri SW wherein the reports can be generated after approval either from LIS or Dhanwantri SW and printout of reports taken. There is a time lag between the reports being generated and accessibility which delays the treatment process.</p> <p>(iii) SMS services will facilitate availability of patient reports from LIS thereby reducing time lag between generation of reports and accessibility for better clientele satisfaction. This will also lead to a step forward towards paperless hosps.</p> <p>(iv) The existing LIS was installed in 40 MHs in 2022 through centralized proj by DGMS (Army). In the rest 22 MHs the LIS was impl through unit funds. Presently the appl is deployed on hosp LAN.</p>

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6.	To be hosted on internet/ADN with brief justification	:	To be deployed on hosp LAN, later it will be integrated with Dhanwantri SW ver 3.0.
7.	Being devp in house or through IT Funds	:	IT Funds
8.	Usability of proposed appls by other arms/ services/ org/ est	:	NA
9.	HW and IT infrastructure reqd	:	Already existing.
10.	Brief details of content of the proposed SW appl	:	By SMS services the Lab reports generated will be sent to the patients and treating physician thereby increasing the efficiency of health care and reducing the time period.
11.	Endorsement by Head of Br/Svc/Fmn	:	DGMS (Army).
12.	Details of user base	:	62 Military Hosp in IA.

Addl Details (Optional in Pre Apvl Stg : Mandatory in Post Apvl Stg)

13.	Envisaged cost of entire proj incl license fees and maint	:	₹ 1,20,06,500.00
14.	Projected dt of completion incl maj timelines	:	25 Jan 2026
15.	Brief details of Sw platform and tech stack proposed for devp of appl incl OS dependencies (if any).	:	(a) OS : UBUNTU (b) Database : MySQL
16.	Brief details of proposed network and bandwidth reqmts.	:	2 Mbps
17.	Brief details of OS & Sys software reqmts.	:	UBUNTU
18.	Brief details of proposed data security measures incl backup of data.	:	Automated backup
19.	Brief details of Proposed Database Engine to be used in the appl	:	MySQL
20.	Details of SW architecture and COTS Sw proposed to be utilized.	:	Web based architecture & COTS SW architecture as per user reqmts
21.	Details of proposed architecture-Centralised/Federated/Hybrid.	:	Federated

Contd...3/-

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22	Brief details of proposed utilisation of Public Key Infra (PKI) and Iden and Access Mgt (IAM).	NA
23	Technology dependencies (if any).	NA
24	Database reqmts	MySQL (Open source)
25	Enhancement /upgradation (Incl patch mgt/Sw updt procedure and mechanism.	Periodic upgradation of SW as per user reqmts
26	Details of licensing (if any).	IPR with DGMS (Army)