CHECK LIST FOR STATEMENT OF CASE FOR HOSTING OF DHANWANTRI SW VER 3.0 (CLINICAL MODULE) ON ARMY DATA NETWORK (ADN)

1.	Name of Proj	:	Hosting of Dhanwantri SW ver 3.0 (Clinical module) on Army Data Network (ADN)
2.	Name of sponsor	:	DGMS (Army)/PMO HIS
3.	Type of Sw (Bespoke/COTS/ Customized)	:	Customized
4.	Brief justification /endorsement on reqmt for devp of Sw appl	:	Seamless tfr of patient data is the prerequisite for efficient healthcare. Hosting the entire SW minus the COTS SW integrated with the relevant sophisticated Med Eqpt will ensure seamless tfr of data on ADN. Data related to COTS SW and connected sophisticated Med eqpt will be on exclusive LAN/CWN. Relevant and significant data for every clinical encounter can be transferred using optical refresh into the Dhanwantri SW hosted on ADN.
5.	Aim & Scope Purpose incl utility, beneficiaries and tgt users	:	Dhanwantri SW ver 3.0 is a contemporary Hospital Information System (HIS) devp under the aegis of DGMS (Army) for seamless transmission of medical data. The appl envisages storage of critical med info pertaining to IA personnel at a centralized database warehouse which is equipped with the necessary state-of-the-art UTM (Unified Threat Management) processes. This SW will enable exchange of med data across all the hosps and Comd echelons using the secure ADN. Thus making it a more comprehensive platform for Health Analytics.

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6.	To be hosted on internet/ADN with brief justification		Hosting of Dhanwantri on ADN will ease tfr of medical data/records of patients from one hosp to other.
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 and catered for under IT PPP and spmt IT PPP. This includes upgradation of CWN and procurement of relevant IT HW.
10.	Brief details of content of the proposed Sw appl	:	The Clinical module consists of Registration Module, Appt Scheduling Module, Clinical Mgt Module, Medical Stores Module, Radiology Module, Medical Board Module, OT Module, PA Checkup and Dietary Services thus making it a more comprehensive platform for Health Analytics.
11.	Endorsement by Head of Br/Svc/Fmn		DGMS (Army).
12.	Details of user base	:	114 Mil 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	:	Rs 50 lakhs (approx)
14.	Projected dt of completion incl maj timelines		Approx 7 months from the date of placement of SO
15.	Brief details of Sw platform and tech stack proposed for devp of appl incl op sys dependencies (if any).	:	(a) OS : Ubuuntu 18.04.5 (b) Appl Server : Apache 2.4.29 (c) Framework : Cake PHP 4.4.10 (d) Database : MS SQL 14.14 (e) JQuery : 3.7.0
16.	Brief details of proposed network and bandwidth reqmts.		
17.	Brief details of OS & Sys software reqmts.	:	.Web based

18.	Brief details of proposed data security measures incl backup of data.	:	By AHCC.
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.	:	Client server based
21	Details of proposed architecture- Centralised/Federated/Hybrid.	:	Federated
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.		Centralize patch management
26	Details of licensing (if any).		IPR with DGMS (Army)