

**CHECK LIST: PRE APVL STG**

<b><u>S No</u></b>	<b><u>Mandatory Details</u></b>	<b><u>Remarks</u></b>
1.	Name of proj (incl ver).	SAAMARTH
2.	Name of sponsor.	DGIS/MISO
3.	Type of appl (Bespoke/COTS/Customized).	Bespoke
4.	Brief justification/ endorsement on reqmt of devp of Sw appl.	Presently, HRMS 2.5 is dply at various unit LANs for pub of Part- li Orders and human capital related docu. Various Record Offices are using ARPAN appl on their respective LANs for human capital related plg & mgt and detls are aggregated ex INDRA/ OASIS portals. A need was felt to devp an SAAMARTH (e-HRMS) Enterprise Wide Human Resource Mgt Sys for IA, a centralised web based appl to be hosted on ADN incorporating functionalities of HRMS 2.5 and OASIS/ INDRA/ ARPAN.
5.	Aim & Scope Purpose incl utility, beneficiaries and tgt users.	Pub of Part II order, capturing of all human capital related docu and subsequently automating the entire process flow of HR related aspects wrt all manpower of IA.
6.	To be hosted on Internet/ ADN with brief justification.	ADN
7.	Being devp in house or through IT funds.	Devp in House by MISO
8.	Usability of proposed appls by other arms/ services/ org/ est.	Pan IA & subsequently Tri services.
9.	HW and IT infrastructure reqd.	05 x VMs initially for MVP1 (Raj Rif). to be scaled up as per devp bench marks
10.	Brief details of content of the proposed Sw appl.	Posting Module, PTOs, Civ Edn Qua, Army Courses, Parade State, QTE (Qtrly Test Evaluation), Docu Vault, Indl Login, Claims, Pay Roll, Kindred Roll, After Me Folder, Hlth, Assmt, FSA, Discp, PAO (OR), Remustering, Capturing Awards & Medals.
11.	Endorsement by Head of Br/ Svc/ Fmn.	As per Para 3 (c) of Minutes on 8 <sup>th</sup> EAC Mtg conducted on 01 Dec 2023.
12.	Details of user base.	Pan IA & subsequently Tri services

<b>Addl Details (Optional in Pre Apvl Stg : Mandatory in Post Apvl Stg)</b>		
13.	Envisaged cost of entire proj incl license fees and maint.	Devp in House by MISO
14.	Projected dt of completion incl maj timelines.	<p>(a) <b><u>Ph-I (by 31 May 2024)</u></b>. Impl for Rajputana Rifles Regtl Centres, incl all units.</p> <p>(b) <b><u>Ph-II (by 30 Sep 2024)</u></b>. Impl for JCOs/OR pan IA.</p> <p>(c) <b><u>Ph-III (by 31 Dec 2024)</u></b>. Impl for Offrs pan IA.</p>
15.	Brief details of Sw platform and tech stack proposed for devp of appl incl op sys dependencies (if any).	Spring MVC Farme work with back end on Postgres 16
16.	Brief details of proposed network and bandwidth reqmts.	Max payload size of URL contents of the appl is likely to be 7 to 8 MB. This can be throttled to user with existing BW of AND.
17.	Brief details of OS & Sys software reqmts.	OS : Ubuntu 22 LTS Software Postgres 16, Tomcat 11, Zoho BI Whitelisted (Port 8442)
18.	Brief details of proposed data security measures incl backup of data.	Security enforcement as per latest spring security framework. TLS 1.3 (https://) Port 443 (As per Data Governance Policy)
19.	Brief details of Proposed Database Engine to be used in the appl.	Postgres 16
20.	Details of Sw architecture and COTS Sw proposed to be utilised.	Nginx followed by appl server MVC based and database server Postgres.
21.	Details of proposed architecture – Centralised/ Federated/ Hybrid	All above running on AHCC VM (hypervisor)
22.	Brief details of proposed utilization of Public Key Infra (PKI) and Iden and Access Mgt (IAM).	IAM (integration at final dply stage in-conjunction with AHCC
23.	Technology dependencies (if any).	As per Para 15-22
24.	Database reqmts.	As per Para 19
25.	Enhancements/ upgradation (incl patch mgt/ Sw updt procedure and mechanism).	Enhancements and patch updt (Mgt / Sw) In house (MISO/DGIS)
26.	Details of licensing (if any).	NIC (Open Source)