

NOTING SHEET

SELECTION CENTRE SOUTH (17 SSB)

Case No: SCS/WL/SANTULAN/17 SSB

Sheet No: One

WHITELISTING WITH DDG IT, DG IS FOR DEVELOPMENT OF SEVEN
POINT RATING SCALE SOFTWARE (SANTULAN)
BY BISAG-N, GANDHINAGAR

1. Ref SOP on Whitelisting of Appl SW in IA issued vide DDG IT letter No B/04001/Policy/Whitelisting SOP/DDGIT (T&P) dt 19 Jul 2022.
2. Checklist for Pre-approval stg for Whitelisting of devp of Software for New Seven Pt Rating Scale (SANTULAN) by BISAG-N, Gandhinagar as per format at Appx C to a/m SOP is placed opposite.
3. Post approval by the Comdt, the checksheet shall be sent to DDG IT, DG IS, IHQ of MoD (Army) for further processing.
4. PU for perusal and approval, pl.

Flag 1A

Flag 1B


(RD Singh)
Col

Interviewing Offr, 17 SSB

12 Apr 2024

Offg Psdt, 17 SSB

Recommended for approval pl


12/4/24

Comdt SCS

Approved 12/4/24

CHECKLIST : PRE APVL STG

1. Name of proj (incl ver): Automation of New Seven Point Rating Scale (SANTULAN).
2. Name of Sponsor: Selection Centre South, Bengaluru
3. Type of SW(Bespoke/COTS/Customised) : Bespoke.
4. Brief justification/endorsement on reqmt for devp of Sw appl : A new Seven Point Rating Scale for Assessment of Candidates for joining the Defence Forces as officers is under development at Selection Centre South and testing of the same is in progress in all the Selection Centres of the Army. In order to provide an error free and standardised means of assessing of candidates, this SW would assist the assessors namely IOs, GTOs and Psychologists.
5. Aim & Scope purpose incl utility, beneficiaries and tgt users.
 - (a) **Aim.** The aim of this Software would be to provide Standardised Automated means (format) for generating personality profiles (reports) of candidates by the assessors in Selection Centres and arrive at corresponding markings more accurately.
 - (b) **Scope.** The scope of this software development would include System Study in Selection Centre South, Bengaluru, Development of Software, Testing, Training of Assessors in use of the Software and promulgation to all the Selection Centres.
 - (c) **Beneficiaries and Target Users.** The assessors at all the Selection Centres would be the end users of this software.
6. To be hosted on internet/ADN/stand alone/ LAN with brief justification : The SW would finally be used in standalone mode by all the assessors in their official PCs for making of reports of candidates for the final conference.
7. Being devp in house or through IT funds : The project shall be developed by BISAG-N, Gandhinagar under the guidance of Selection Centre South, Bengaluru.
8. Usability of proposed appls by other arms/services/org/est. Nil.
9. Hw and IT infrastructure reqd (for development and testing in the Selection Centre).

Hardware	Quantity	# of cores	RAM (GB)	Storage
Desktop	1	8	16 or more	Min 128 GB

10. Brief details of Content of the proposed SW appl : The SW appl would consist of all the OLQs and the new Seven Point Rating Scale, through which the assessors would generate the personality profile of the candidates. This process of personality assessment is highly subjective and this software would assist the assessors to arrive at a logical and standardised rating.
11. Endorsement by Commandant Selection Centre South, Bengaluru. Commandant Selection Centre South, Bengaluru approves development of this software by BISAG-N.
12. Details of user base. All assessors namely IOs, GTOs and Psychologists involved in assessment of candidates in various SSBs in Selection Centres would be the user base.
13. Envisaged cost of entire proj incl license fees and maint. Nil. For Hardware, existing resources would be used. For Software, open source software would be used, hence Nil.
14. Projected date of completion incl maj timelines after approval for Whitelisting .
 - (a) System Study by Team from BISAG – One Month.
 - (b) Development of Software by BISAG – Two Months.
 - (c) Testing and Training of Assessors at Selection Centre South – One Month.
 - (d) Porting of Software, Training of Assessors and Testing in other Selection Centres – One Month.
 - (e) Change Management and Final Promulgation of Software – One Month
15. Brief details of SW platform and tech stack proposed for devp of appl incl op sys dependencies(if any). Spring Framework, JAVA. The application will be developed on the Virtual Machines on two Physical Servers. After development, porting would be done on individual machines in charge of the assessors.
16. Brief details of proposed network and bandwidth reqmnts. Nil.
17. Brief details of OS & Sys software reqmnts :The S/W will be hosted on existing machines (workstations operating on Windows OS) under charge of all assessors (IOs, GTOs and Psychologists)
18. Brief details of proposed data security measures incl backup of data :There shall be a small database of OLQs with Ticks and Marks used for assessment by the SSBs and there is no data related to assessment stored in the system. This being on standalone systems, once the assessment is finalised, this software would assist the assessors in giving ticks and marks for the final conference. The software would not permit any assessor to modify the structure or contents of logic / database which shall be controlled centrally (In this case by Selection Centre South).

19. Brief details of Proposed Database Engine to be used in the appl. PostgreSQL is an ACID-compliant Object Relational Database Management System, or ORDBMS. It runs on nearly any operating system including Linux, Unix, and Windows. It is high performance and highly scalable, capable of handling huge amounts of data and high-load internet applications with thousands of concurrent users.
20. Details of SW architecture and COTS SW proposed to be utilised:-
- (a) **Framework to be Used: Spring Framework, Java.**
 - (b) **Frontend Tool: JSP, CSS, JavaScript.**
 - (c) **Database: PostGreSQL.**
 - (d) **Web-hosting Tool: Tomcat (Application Server).**
 - (e) **Operating System: Windows.**
 - (f) **Supporting Browsers: Firefox, Edge, Chrome.**
21. Details of proposed architecture-Centralised/Federated/Hybrid : **Centralised.**
22. Brief details of proposed utilisation of Public Key Infra (PKI) and Iden and Access Mgt (IAM) : **Nil.**
23. Technology dependencies (if any) : **Nil.**
24. Database reqmts : **PostgreSQL Ver 15.**
25. Enhancement/upgradation (incl patch mgt/SW updt procedure and mechanism) : **Qtrly/on-occurrence.**
26. Details of licensing (if any) : **NA.**