

Technical Compliance sheet

LOT NO-II	
Automated Screening Solution along with Sanctions & PEP Screening Database	
i.	<p>The solution must include but not limited to</p> <ul style="list-style-type: none"> • Automated Screening Solution i.e Sanctions & PEP Screening • Database (Database / Lists for Sanctions & PEPs including close associates and family members of PEPs)
ii.	<ul style="list-style-type: none"> • The solution should be highly scalable and offer a modern service-oriented architecture. • Solution should have message queuing functionality built in • Solution should both horizontally and vertically scalable • Solution should be independent of physical servers and can be deployed in virtual environment.
iii.	Bidder should provide any updates released by bidder in the platform without any cost.
iv.	Bidder should provide free of cost changes till Go-Live if any regulatory requirements raised by SBP.
v.	Bidder should provide detailed training to ZTBL nominated Project Implementation Team (PIT), 10 to 15 users, before go live.
vi.	All sensitive data must be encrypted both in transit and at rest using strong encryption algorithms.
vii.	System should have capability of Role-Based Access Control (RBAC) to restrict access to the system, based on users' roles and responsibilities.
viii.	System should Log all system activities, including user logins, data accesses, configuration changes, and transaction monitoring activities.
ix.	System should have capability to only integrate with elastic security SIEM solution to centralize security log management, correlation, and analysis for proactive threat detection. (SIEM related tasks will be performed by the SIEM solution, already deployed by ZTBL)
x.	Vendor shall perform the Vulnerability Assessment and Pen Testing report of system in scope, along with remediation status before go live.
xi.	Should be support industry known multifactor authentication technologies/protocol (if required)
xii.	Solution should support SSL / TLS implementation with Client authentication certificates.
xiii.	Solution should support API-based integration with the Bank's and SBP systems, with no limitation on development of required interfaces/integrations.
xiv.	During installation and testing onsite, provide detailed instruction to IT on the maintenance of the application software, to include system recovery and security, Setup Live, Disaster Recovery, Development & QA instances of the application software separately.
xv.	Built in intelligent screening algorithms with minimal False Positives.
xvi.	Fool proof "Fuzzy Logic" capability to eliminate the risk of omitting a name/ string due to (at minimum) spelling variance, missing letter(s), space between words/ strings and change of word order

	within a string or piece of text. Further, powerful fuzzy matching mechanism (An approach to computing based on "degrees of truth" rather than the usual "true or false") with the ability to tune and refine the degree of strength of the match to alert creation	
xvii.	In order to properly distinguish between true and a false match, other attributes including but not limited to CNIC, Passport Number, date of birth, nationality, address, place of birth, father's name, AKAs (Also Known As) etc. should also be available for the assessment.	
xviii.	Provision for Phonetic matches including but not limited to date of birth, nationality, address, place of birth, father's name, AKAs (Also Known As) etc.	
xix.	Feature to manually review screening search results with the option to block, hold or release the continuation of the business process including the provision for recording remarks.	
xx.	System should have Ability to screen list of names, CNIC, passport, customer's contact number etc in a batch mode or on an online mode.	
xxi.	Implement risk scoring based on the results of PEP screenings and additional risk factors.	
xxii.	Maintain a comprehensive audit trail for all Sanctions / PEP screening activities.	
xxiii.	Provide dynamic reporting tools that allow administrators to generate ad-hoc reports based on specific criteria. (bidder is opened to deploy industry best tools such as BI Publisher, ASM by Accuity, etc.)	
Sanctions & PEP Data base		
i.	The data for sanctions screening will be obtained from subscription service providers on a scheduled basis and will be automatically loaded into screening solution. The screening solution should ensure that the uploaded data in the system is both accurate and complete.	
ii.	System should have the ability to determine which lists should be deployed on an exact match basis and which would use fuzzy matching.	
iii.	The screening solution should be bundled with subscription based normalized sanction lists covering both individuals and entities from well-renowned watch list service providers that at a minimum cover the following: <ul style="list-style-type: none"> • UN Sanctions Lists • NACTA (4th & 1st schedule) • OFAC Sanctions list • SDN List • UK HMT Sanctions list • EU Sanctions List • Political Exposed Persons (PEP) List (Domestic & International along with affiliates & associates) • Pakistan Domestic Proscribed lists such as: <ul style="list-style-type: none"> • FIA Redbook • NAB list 	

	<ul style="list-style-type: none"> • Cancelled CNICs etc • Blacklisted Entities/NGOs/NPOs/Trusts/Clubs etc • Virtual Assets Service Provider Watch list / Blacklist 	
iv.	Regular updates of all Proscribed/Designated Individuals/Entities and their (Associate/Affiliates), domestic & international Sanctions/PEP (Associate/Affiliates, family member of PEPs etc.) databases to ensure the latest information is considered.	
v.	System should support sanctions, watch list, adverse media, and negative news screening of VASPs, their customers, beneficial owners, counterparties, PEPs, and associated parties against local and international screening databases.	

Note:- Please clearly indicate compliant/non compliant (Yes/NO) against each without remarks. The partial compliance with or without remarks against any item will be treated as non-compliance. **All the technical requirements are mandatory, non-compliant/partial compliant against any item will be declared as Technically Non-Compliant Bidder.**

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