

## Annexure B: IT Technical Requirements Checklist

	Technical Requirement Item	Requirement Can be Fulfilled Yes/No	Bidder Comment (Compulsory)	Reference Page in the bidder proposal
<b>A – Is your solution compatible with the following Technical Requirements?</b>				
1	Server Platform: Windows Server 2012 R2			
2	SQL Platform: SQL 2014 Enterprise			
3	Windows Platform: Windows 10 Enterprise			
4	Storage Platform: Dell EMC			
<b>B - Does your solution operate on / interface with the following Hardware?</b>				
1	Laptops and desktops e.g. Dell			
2	Hand held devices with the following operating systems: Apple iOS; Android and Windows			
3	Multi-functional device printer models			
<b>C - Does your solution operate on the following database standard?</b>				
1	MS SQL Server			
<b>D - Does your solution operate on the following network standard?</b>				
1	CISCO based LAN and MPLS			
<b>E - Does your solution meet the following Application Management Requirements?</b>				
1	Support latest development platforms such as .NET, Java Platform and Enterprise Edition (Java EE) architectures/standards			

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2	Support Service-Oriented Architecture (SOA) and Web services with international (non-proprietary) integration standards			
3	Provide development tools, programming languages and APIs that enable PIC to develop and customize/enhance			
4	Integrate with Microsoft Office 2010 at a minimum and Office 365 with Exchange Online			
5	Integrate with Microsoft SharePoint 2010 at a minimum on-premises and with SharePoint Online			
6	Provide integration with web portals			
7	Support scripting languages (e.g. SQL and C++)			
8	Scalability: Ability to cope with unexpected increased volumes (e.g. deals, investees, users, etc.)			
9	Availability: System should be available 24/7 with load-			

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	balancing and monitoring capabilities			
10	Branding: Ability to support visibility of the PIC brand			
11	Aesthetic: the system should be user friendly			
12	Ease of first and second level supportability			
13	Support of notification services e.g. email and short messaging service			
14	Enterprise mobility			
<b>F - Does your solution meet the following Information Security Requirements?</b>				
1	The solution must be protected against the OWASP Threats			
2	The solution must be able to enforce the minimum CIS benchmarks			
3	Ensure privacy requirements are met (e.g., the need to protect the confidentiality of customer records or personally identifiable information (PII) such as investee and deal details			

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4	Solution must provide for sound Identity and Access Management			
5	Encryption - Solution must be able to provide adequate protection for Sensitive information in transit (e.g., between client and server) must be protected against unauthorized disclosure			
6	Session management - Application must be capable of issuing session IDs that are unique to users and must be randomly generated, and issued after successful authentication			
7	De-personalizing of Data - The solution must have the capability to scramble investment data as well as the capability to mask sensitive information			
8	Solution must ensure confidentiality, integrity and availability of information throughout its life cycle			

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9	Archiving and Backup capability – Ability to archive and backup data			
10	Recoverability – ability to recover within reasonable time of power failure or network failure			
11	Application must support audit logging of all transactions at database and application level; Audit trail – all system transactions to have date, time, and user identity			
12	Capability for the audit logs generated by the system/solution to be able to integrate with Security Events and Information Management (SEIM) systems			
13	Segregation – Ability to enforce separation of duties through defined user roles and rights			
14	Security-related events generated for each not only for access attempt but the significant system and			

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	network events (e.g., service creation, system crash, object deletion and failed login attempt);			
15	Incorporate relevant event attributes in event entries (e.g., Process description, process owner, IP address, username, time and date, protocol used, port accessed, method of connection and name of device			

