

Section IV-Part 2-Tech 4.2-Tech Evaluation Questions

Section IV - Contents of Bid - TECH 4.2 - Technical Evaluation Questions								
S. No.	Topic	Sub-Topic	Question	Level of importance	Score	Response to question or Reference to Technical Proposal of Bidder		
						Document name	Section name/ number	Page number
1	B1. Proposed Solution-Governance	Design	What is the importance of GRCP framework with reference to UIDAI ecosystem	LOW	15			
2	B1. Proposed Solution-Governance	Design	What is the GRCP framework and program design you plan to apply as a part of governance	HIGH	25			
3	B1. Proposed Solution-Governance	Design	What is indicative strategy for applying the above prescribed GRCP framework	HIGH	25			
4	B1. Proposed Solution-Governance	Design	What is indicative roadmap for applying the above prescribed GRCP framework	HIGH	25			
5	B1. Proposed Solution-Governance	Design	What is the procedure you will follow to establish, analyse and maintain an overall maturity index	MEDIUM	20			
6	B1. Proposed Solution-Governance	Design	What is the necessary automation and tools that you propose to implement the governance structure for this project	HIGH	25			
7	B1. Proposed Solution-Governance	Design	What are the processes and procedures you envisage to carry out the operations of GRCP	HIGH	25			
8	B1. Proposed Solution-Governance	Communication, Reporting & Decision Making	Propose a detailed solution on establishing communication channels in the GRCP framework	HIGH	25			



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9	B1. Proposed Solution-Governance	Communication, Reporting & Decision Making	Propose indicative standards for key reporting requirements, types and frequency of reporting etc. for all the reports, assessments, analyses conducted in the entire GRCP scope	HIGH	25			
10	B1. Proposed Solution-Governance	Communication, Reporting & Decision Making	Propose robust escalation mechanisms clearly identifying the Escalation Activity, Escalation Chain and Hierarchy, Responsibility and Action Items to ensure effective incident response	HIGH	25			
11	B1. Proposed Solution-Governance	Communication, Reporting & Decision Making	How do you aim to design decision making process flows between the GRCP team and UIDAI ecosystem partners	HIGH	25			
14	B1. Proposed Solution-Governance	Communication, Reporting & Decision Making	Describe the technical and functional details of the executive support systems you need to develop i.e. executive risk dashboard and compliance dashboard	HIGH	25			
15	B1. Proposed Solution-Governance	Communication, Reporting & Decision Making	Describe the procedure to support UIDAI senior management for the technical and non-technical communication during incidents	LOW	15			
16	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	What is the information risk management framework you propose to use	HIGH	25			
17	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	What are the steps to be followed and indicative guidelines against which, you identify risks, threats and vulnerabilities	MEDIUM	20			
18	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	How do you aim to develop, maintain and update the risk register	MEDIUM	20			



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19	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	Describe the criteria for risk classification and prioritization	MEDIUM	20			
20	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	Describe the procedure used by you in risk prioritization and preparing the risk control matrix	MEDIUM	20			
21	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	How do you arrive at the composite risk index score	MEDIUM	20			
22	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	Describe briefly, how you will devise new security controls for different types of risk identified	MEDIUM	20			
23	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	Explain how you will build risk mitigation strategies with the help of examples	HIGH	25			
24	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	How do you aim to present an real time unified view of risk with respect fo the UIDAI ecosystem	MEDIUM	20			
25	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	How do you aim to define Risk Acceptance Criteria considering the Mitigation Plan and existing residual risk	MEDIUM	20			
26	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	How do you aim to achieve closure of the proposed risk mitigation strategies with the help of UIDAI and other ecosystem partners	MEDIUM	20			



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27	B1. Proposed Solution-Risk	Risk Assessment, Prioritization & Treatment	Describe how you will escalate the identified risk to the appropriate risk owners and UIDAI	HIGH	25			
28	B1. Proposed Solution-Risk	Risk Profiling	How will you perform risk profiling based on all the identified threats and their respective vulnerabilities	HIGH	25			
29	B1. Proposed Solution-Risk	Risk Intelligence	What are the Initiatives you envisage, to stay ahead of Threat & Risk Profile	HIGH	25			
30	B1. Proposed Solution-Risk	Risk Intelligence	How do you propose to advise UIDAI on its future missions and actions based on their risks	LOW	15			
31	B1. Proposed Solution-Risk	Risk Intelligence	Give the complete technical solution to develop the global risk intelligence dashboard	HIGH	25			
32	B1. Proposed Solution-Risk	Risk Intelligence	How do you aim to identify and investigate current and future, internal and external, anticipated ways of frauds	HIGH	25			
33	B1. Proposed Solution-Risk	Risk Intelligence	How will you simulate current and future threat scenarios and their business impact	MEDIUM	20			
34	B1. Proposed Solution-Risk	Risk Intelligence	What are the tools you propose to use for risk identification, assessment and forecasting	HIGH	25			
35	B1. Proposed Solution-Risk	Risk Intelligence	Describe atleast two global best practices for effective information risk management in projects like UID Aadhaar	LOW	15			
36	B1. Proposed Solution-Risk	Risk Intelligence	How do you aim to conduct pattern analysis for risks	MEDIUM	20			
37	B1. Proposed Solution-Compliance	Information Security Assessment	Describe, from your understanding of ISO 27001 framework, how information security assessment needs to be done on the UIDAI ecosystem	HIGH	25			



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38	B1. Proposed Solution-Compliance	Information Security Assessment	Describe your strengths and prowess in conducting assessments in the domains of application security, infrastructure security, BCP / DR Process Assessments, network assessment, Information Security Awareness/Social Engineering Review etc.	MEDIUM	25			
39	B1. Proposed Solution-Compliance	Information Security Assessment	What are the post-assessment analyses and reports you intend to furnish	LOW	15			
40	B1. Proposed Solution-Compliance	Information Security Assessment	How will you conduct process oversight for achieving ISO 27001 certification	LOW	15			
41	B1. Proposed Solution-Compliance	Information Security Assessment	Describe briefly how and where, the completed security assessment will get incorporated in the risk and governance layers	MEDIUM	20			
42	B1. Proposed Solution-Compliance	Information Security Assessment	How will you conduct assessment of data encryption standards in accordance with global best practices and applicable laws in the country	HIGH	25			
43	B1. Proposed Solution-Compliance	Information Security Assessment	How will you conduct assessment of key management in accordance with global best practices and country laws	HIGH	25			
44	B1. Proposed Solution-Compliance	Information Security Assessment	How will you assess the robustness of key management and encryption keeping in mind, the increasing scale of AUAs and ASAs	MEDIUM	20			
45	B1. Proposed Solution-Compliance	Information Security Assessment	With respect to the newly developed APB and AEPS, describe what global best practices can be incorporated for securing data	LOW	15			
46	B1. Proposed Solution-Compliance	Information Security Assessment	Describe how you will conduct device assessment, transaction assessment and software assessment with respect to key management/encryption	MEDIUM	20			



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47	B1. Proposed Solution-Compliance	Information Security Assessment	how do you aim to conduct field testing for data encryption/key management assessments	MEDIUM	20			
48	B1. Proposed Solution-Compliance	Information Security Assessment	Describe how you will conduct assessments to check for security in software development lifecycle	MEDIUM	20			
49	B1. Proposed Solution-Compliance	Information Security Assessment	Describe how you will validate solution acceptance, infrastructure acceptance and BOM acceptance process, letter printing and dispatch process	HIGH	25			
50	B1. Proposed Solution-Compliance	Information Security Assessment	Explain based on your understanding and global best practices, the security concerns related to biometric de-duplication and existing biometric technologies being applied in UIDAI	LOW	15			
51	B1. Proposed Solution-Compliance	Information Security Assessment	Explain how you will verify the effectiveness of biometric and demographic de-duplication methods and manual adjudication methods	MEDIUM	20			
52	B1. Proposed Solution-Compliance	Information Security Assessment	How will you conduct security assessment of portable devices as described in the scope of work section in this RFP	MEDIUM	20			
53	B1. Proposed Solution-Compliance	Information Security Assessment	Describe your prowess in identifying frauds and assessing fraud management systems	HIGH	25			
54	B1. Proposed Solution-Performance	SLA process assurance	Explain how you will give assurance to SLA measurement process	HIGH	25			
55	B1. Proposed Solution-Performance	SLA process assurance	keeping in mind, the ecosystem population of UIDAI, what is your roadmap and strategy to conduct measurement process assurance over the entire breadth of SLA's	HIGH	25			
56	B1. Proposed Solution-	SLA process assurance	Please list down all the performance measurement tools you are conversant in, and	HIGH	25			



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	Performance		to what extent					
57	B1. Proposed Solution-Performance	SLA process assurance	Discuss the various malpractices which might be done to submit fraudulent data for SLA reporting	LOW	15			
58	B1. Proposed Solution-Performance	SLA process assurance	Explain how you will conduct sample checks for SLA process assurance	HIGH	25			
59	B1. Proposed Solution-Performance	SLA process assurance	How will you review the configuration/deployment parameters of the EMS/BMS against the configuration report	LOW	15			
60	B1. Proposed Solution-Performance	SLA process assurance	Describe how you will compute the penalty for SLA non-compliance	MEDIUM	20			
61	B2. Design and architecture of STARMC, Forensic Lab	STARMC	Describe the infrastructure components you intend to implement in the STARMC	HIGH	25			
62	B2. Design and architecture of STARMC, Forensic Lab	STARMC	Describe the technology architecture you intend to implement in the STARMC	HIGH	50			
63	B2. Design and architecture of STARMC, Forensic Lab	STARMC	What are the set of tools being incorporated for successfully running STARMC	HIGH	50			
64	B2. Design and architecture of STARMC, Forensic Lab	STARMC	Among the proposed toolset, clearly state the opensource and commercial products. If using commercial products, compare its functional superiority with the closest opensource solution	HIGH	50			



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65	B2. Design and architecture of STARMC, Forensic Lab	STARMC	In a situation of discovering an incident, describe the procedure you will follow to escalate it to UIDAI and MSP and how you will work in co-ordination with MSP and various ecosystem partners in getting the incident resolved	HIGH	25			
66	B2. Design and architecture of STARMC, Forensic Lab	STARMC	Describe the duties you will carry out as a part of STARMC using the tools you enlisted	HIGH	25			
67	B2. Design and architecture of STARMC, Forensic Lab	STARMC	How do you envisage to incorporate and unify the different existing data feeds into STARMC and what additional data you think is necessary to capture	MEDIUM	20			
68	B2. Design and architecture of STARMC, Forensic Lab	STARMC	Describe the types and frequency of reports to be furnished	MEDIUM	20			
69	B2. Design and architecture of STARMC, Forensic Lab	STARMC	Keeping in mind, UIDAI's strategic long term objectives and missions, how do you plan to accommodate the future changes in ecosystem under the purview of STARMC	MEDIUM	20			
70	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	How do you aim to use the forensic lab for proactive and reactive analysis	HIGH	25			
71	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	What are the steps you wish to follow in conducting a forensic investigation	HIGH	50			
72	B2. Design and architecture of STARMC,	Forensics Lab	What are the set of tools being incorporated for successfully running the forensic lab in STARMC	HIGH	25			



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	Forensic Lab							
73	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	Among the proposed toolset, clearly state the opensource and commercial products. If using commercial products, compare its functional superiority with the closest opensource solution	LOW	15			
74	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	Describe how you will work in co-ordination with the various ecosystem partners and law enforcement agencies for investigating incidents	MEDIUM	20			
75	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	Suggest Data and Evidence Management Procedures and Systems and the Legal, Regulatory and Components that you intend to incorporate	HIGH	25			
76	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	How will you establish communication channels between the forensics team and the ecosystem partners IT professional team as well as external agencies	MEDIUM	20			
77	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	Explain how you will advise ecosystem partners to follow procedures keeping forensics in consideration	MEDIUM	20			
78	B2. Design and architecture of STARMC, Forensic Lab	Forensics Lab	Considering the privacy of UID information, how will you place safeguards to prevent unwarranted use of forensics to protect the interest of residents	LOW	15			
79	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	Describe an indicative continuous monitoring strategy for UIDAI ecosystem partners	HIGH	25			



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80	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	Describe a procedure to report the security state of the information system to appropriate officials from UIDAI and/or UIDAI ecosystem	HIGH	25			
81	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	What are the set of tools being incorporated for successfully running the continuous monitoring	HIGH	25			
82	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	Among the proposed toolset, clearly state the open source and commercial products. If using commercial products, compare its functional superiority with the closest open source solution	LOW	15			
83	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	How do you aim to track all upgrades and patches, maintain a secure and centralized repository of all audit trails generated by various systems, comprehensive list of threat and countermeasures etc.	MEDIUM	20			
84	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	How do you aim to co-ordinate with different external agencies for upgrades and patches of the tools and software?	MEDIUM	20			
85	B2. Design and architecture of STARMC, Forensic Lab	24*7 - Continuous monitoring	How will conduct Lifecycle review management of digital identities	MEDIUM	20			
86	B3. Future Direction of tools proposed by GRCP for STARMC	STARMC	Explain whether all the tools proposed in STARMC have extended support for the period of 7 years or not. If not, how do you plan to support them. Also explain briefly the future technology and functionality roadmap of each of the tools proposed here.	HIGH	50			



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87	B3. Future Direction of tools proposed by GRCP for STARMC	Other tools	Explain whether all the other tools proposed for Governance, Risk etc. have extended support for the period of 7 years or not. If not, how do you plan to support them. Also explain briefly the future technology and functionality roadmap of each of the tools proposed here.	HIGH	50			
88	B4. Proposed 5 additional activities and deliverables	Activities	Applicability and adequacy of the proposed 5 activities in each of the G,R,C and P areas from which UIDAI would benefit from	HIGH	50			
89	B4. Proposed 5 additional activities and deliverables	Deliverables	Applicability and adequacy of the proposed 5 deliverables in each of the G,R,C and P areas from which UIDAI would benefit from	HIGH	50			
90	B5. Details of Models used	Fraud Detection	Describe with examples, the analytical and technical models you will be using in fraud detection and their proposed applicability in UIDAI ecosystem	HIGH	25			
91	B5. Details of Models used	Risk Simulation	Describe with examples, the analytical and technical models you will be using in risk simulation and their proposed applicability in UIDAI ecosystem	HIGH	25			
92	B5. Details of Models used	Resilience Trends	Describe with examples, the analytical and technical models you will be using in resilience trends and their proposed applicability in UIDAI ecosystem	HIGH	25			
93	B5. Details of Models used	Pattern Analysis	Describe with examples, the analytical and technical models you will be using in pattern analysis and their proposed applicability in UIDAI ecosystem	HIGH	25			



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94	B6. Reuse/Investment protection of existing software assets of UIDAI		Based on your understanding of the UIDAI ecosystem, how do you envisage to incorporate the different existing data feeds into STARMC and what additional data you think is necessary to capture	HIGH	50			