

# Glossary

## Acronyms

S.No	Acronym	Abbreviation
1	ABIS	Automated Biometric Identification Subsystem
2	AEBA	Aadhaar-enabled Bank Account
3	AEPS	Aadhaar Enabled Payment System
4	APB	AadhaarPayment Bridge
5	API	Application Programming Interface
6	ASA	Authentication Service Appliance
7	ASA	Authentication Service Agency
8	ASDMSA	Application Software Development, Maintenance and Support Agency
9	AUA	Authentication User Agency
10	AUA	Authentication User Agency
11	BOM	Bill Of Materials
12	BSP	Biometric Solution Provider
13	CERT-IN	Computer Emergency Response Team- India
14	CIDR	Central ID Data Repository of the UIDAI
15	DC Service Provider	Data Center Service Provider
16	DMZ	De-Militarized Zone
17	DOP	Department of Posts
18	DR center	Disaster Recovery center
19	EC	Evaluation Committee formed by the Government
20	EID	Enrolment ID
21	EMD	Early Money Deposit
22	GRCP Framework	Governance, Risk, Compliance and Performance Framework
23	IIN	Institute Identification Number
24	IPSEC	Internet Protocol Security
25	ITIL	Information Technology Information Library
26	KYC	Know Your Customer
27	KYR	Know Your Resident
28	LOI	Letter of Invitation
29	MGNREGA	Mahatma Gandhi National Rural Employment Guarantee Act
30	MPLS	Multiprotocol Label Switching
31	MSP	Managed Service Provider



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32	NOC	Network Operations Center
33	NPCI	National Payment Corporation of India
34	NREGA	National Rural Employment Guarantee Act
35	OEM	Original Equipment Manufacturer
36	OTP	One Time Password
37	PCI-DSS	Payment Card Industry Data Security Standard
38	PDS	Public Distribution System
39	PID	Personal Identity Data
40	PII	Personal Identity Information
41	POSB	Post office savings bank
42	Prime Bidder	In case of the consortium bid, the lead company which submits the bid shall be the prime bidder
43	PT	Penetration Testing
44	RFP	Request for Proposal
45	SDLC	Software Development Life Cycle
46	SFTP	SSH File Transfer Protocol
47	SLA	Service Level Agreement
48	SNMP	Simple Network Management Protocol
49	SSL	Secured Sockets Layer
50	STARMC	Strategic Analysis and Risk Monitoring Center
51	Sub-AUA	sub-Authentication User Agency
52	TLS	Transport Layer Security
53	UAT	User Acceptance Testing
54	UID	Unique ID
55	UID IS Policy	UIDAI Information Security Policy
56	UIDAI	Unique Identification Authority of India
57	VA	Vulnerability Assessments
58	CGRC-IT	Certified in IT Governance, Risk Compliance,
59	CITR	Certified in Information Technology Risk Management
60	CIRM	Certified in Integrated Risk Management
61	CISA	Certified Information Systems Auditor
62	CISM	Certified Information Security Manager
63	CISSP	Certified Information Systems Security Professional
64	CBP	IEEE Certified Biometrics Professional
65	CBSE	Certified Biometric Security Engineer
66	CEH	Certified Ethical Hacker
67	CHFI	Certified Hacking Forensic Investigator
68	GIAC	Global Information Assurance Certification



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69	CBCP	Certified Business Continuity Professional
70	DRCS	Disaster Recovery Certified Specialist
71	CCSK	Certificate of Cloud Security Knowledge
72	CSFA	Cyber Security Forensic Analyst
73	GREM	Reverse Engineering Malware Certification
74	GCUX	GIAC Certified UNIX Administrator
75	GCIH	GIAC Certified Incident Handler
76	GCIA	GIAC Certified Intrusion Analyst
77	GPEN	GIAC Certified Penetration Tester
78	GCFW	GIAC certified firewall analyst
79	GWAPT	GIAC web application penetration tester
80	GWEB	GIAC Web Application Defender
81	GXPEN	GIAC Exploit Researcher and Advanced Penetration Tester
82	CCFE	Certified Computer Forensics Expert
83	CDRP	Certified Data Recovery Professional
84	CREA	Certified Reverse Engineering Analyst
85	CAST	Compliance Assessment & Security Testing
86	CRISC	Certified in Risk and Information Systems Control
87	CISRCP	Certified Information Systems Risk and Compliance Professional
88	CFS	Certified Fraud Specialists
89	CIRM	Certified Identity Risk Manager
90	CSCS	Certified Security Compliance Specialist
91	CIPP/IT	Certified Information Privacy Professional/Information Technology
92	CWSS	Certified Windows Security Specialist
93	ITIL	Information Technology Infrastructure Library
94	CCNA	Cisco Certified Network Associate
95	CCNP	Cisco Certified Network Professional
96	CCSE	Check Point Certified Security Expert
97	CCSA	Check Point Certified Security Administrator
98	RHCSS	Red Hat Certified Security Specialist
99	MCSE	Microsoft Certified Systems Engineer
100	MCSA	Microsoft Certified System Administrator

## Definitions

S.No	Term/ Abbreviation	Expansion (if any)	Explanation
1.	24 x 7		Three shifts of 8 hours every day, for all seven days of the week, without any non-working days.
2.	24*7 - Continuous monitoring		24*7 - Continuous monitoring in this context stands for Continuous monitoring of security incidents over the entire ecosystem and assess the conformance to IS policy
3.	Aadhaar		Aadhaar is a 12 digit individual identification number issued by the Unique Identification Authority of India on behalf of the Government of India.
4.	Aadhaar Holder		Residents of India, to whom UIDAI has issued the Aadhaar number
5.	ABIS	Automated Biometric Identification Subsystem	A System that is used in the Enrolment Server as a part of the multi-modal biometric de-duplication solution. It will maintain its own database of proprietary fingerprint and iris templates for de-duplication (and face templates at the discretion of the vendor), and must be able to respond to verification requests accompanied by fingerprint and/or iris images, as well as ISO/IEC 19794-2:2005 format fingerprint minutiae files.(In the early release, ABIS will also be used in the Authentication Server for verification)
6.	Administrative Application		Takes care of user management, roles and access control, business process automation, and status reporting. It ensures a trust network across both internal and external entities.
7.	AEBA	Aadhaar-enabled Bank Account	A bank account linked to Aadhaar number of the resident that allows transactions on the account on the basis of resident's Aadhaar number.



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8.	AEPS	Aadhaar Enabled payment system	A system that leverages Aadhaar online authentication and enables AEBAAs to be operated in anytime-anywhere banking mode by the marginalized and financially excluded segments of society through micro-ATMs
9.	Analytics and Reporting Application		Provides enrolment and authentication statistics for both public and partners. It supports visual representation of statistics and allowing drill down at region levels
10.	APB	AadhaarPayment Bridge	A system that facilitates seamless transfer of all welfare scheme payments to beneficiary residents' Aadhaar Enabled Bank Account (AEBA)
11.	API	Application Programming Interface	An application programming interface (API) is an interface implemented by a software program that enables it to interact with other software. It facilitates interaction between different software programs similar to the way the user interface facilitates interaction between humans and computers.(Source:Wikipedia)
12.	Approach & Methodology		The part of the tender's reply, where the bidder has to answer his methodology in executing the activities stated in the RFP's scope of work
13.	ASA	Authentication Service Appliance	An appliance onnected securely to the CIDR for providing authentication services in the field for a user organization, private or public, large, medium or small.
14.	ASDMSA	Application Software Development, Maintenance and Support Agency	ASDMSA provides application software development and maintenance services for the UID application
15.	Assignment / job / work order		Work to be performed by the Bidder pursuant to the Contract
16.	AUA	Authentication User Agency	Entity which is responsible for handling and processing authentication requests from service providers. Before providing a service to a resident the service provider needs to verify authenticate the identity of the resident. It forwards the

			authentication request to an AUA which contacts the CIDR which finally verifies the identity. The local service provider finally delivers the requested service following the authentication.
17.	Authentication		Authentication is the process used by AUAs and sub-AUAs to authenticate the residents in order to deliver their respective services
18.	Authentication Application		Provides the identity authentication services for various authentication request types such as demographic, biometric, simple or advanced authentications. The inputs are then matched against the resident information stored in CIDR databases to authenticate the resident
19.	Bank		In the context of this document means a scheduled Bank or Department of Post.
20.	Benchmarking		Any set of activities by which the capabilities of a certain technology solution is compared or evaluated against a defined set of factors/parameters/any other technology solution for the purpose of comparison, purchase or any other purpose as deemed appropriate by the purchaser
21.	Bidder		Any entity or person that may provide or provides the Services to the Employer under the Contract. Bidder shall mean a bidding entity submitting the bid on its own (Single bidder) or the Prime Bidder in case of consortium bid.
22.	BSP	Biometric Solution Provider	Service provider who works under the direction of UIDAI and the Managed Service provider to supply, integrate, commission and manage biometric solutions to carry out the de-duplication in enrolments and authentication services.
23.	CIDR	Central ID Data Repository of the UIDAI	CIDR essentially contains information that UIDAI intends to store and retain. This data store consists of various records such as UID numbers, demographic data, biometric data, enrolment records, updation records, authentication records, ecosystem information etc.

24.	CIDR operations		managed services required to operate the cloud of data centers and associated infrastructure (Network, Servers, Storage, Power, HVAC)
25.	Compliance Dashboard		Program to consolidate service delivery compliance requirements and present a comprehensive and comparative view of partner compliance
26.	Contact Center		A call center to: <ul style="list-style-type: none"> <li>• Receive Calls from residents who have applied and residents yet to apply and</li> <li>• Provide information/guidance about UID, process, enrolment stations, introducers, documentation</li> <li>• Receive batch status information from CIDR</li> <li>• Submit canned(cached) queries</li> <li>• Provide the status of applicants UID.</li> </ul>
27.	Contact Center Interface Application		Provides inbound and outbound channels to manage all queries, status enquiries and grievances from residents, registrars and enrolment agencies and other stakeholders of UID ecosystem
28.	Contract		Contract signed by the Parties and all the attached documents listed in its Clause 1, i.e. the General Conditions (GC), the Special Conditions (SC), and the Appendices
29.	Data Portal		This portal allows 3rd party developers to develop web 2.0 applications based on this data.
30.	Data Sheet		Instructions to Bidders used to reflect specific country and assignment conditions
31.	Day		Calendar day
32.	DC Service Provider	Data Center Service Provider	Data Center Service providers (“DCSP”) to provide the collocated hosting services at Data Centers of the entire UID application, with the exception of the enrollment centers and authentication request stations
33.	Device Certification		The device manufactures or suppliers who supply biometric devices for UID enrolment and authentication have to be certified by STQC and UIDAI.

34.	DMZ	De-Militarized Zone	A physical or logical sub-network that contains and exposes an organization's external services to a larger untrusted network, usually the Internet. (Source:Wikipedia). The main purpose of DMZ application is to allow authorized users to submit enrolment data and also make UID authentication requests.
35.	Downtime		The time the services and facilities are not available to UIDAI and excludes the scheduled outages planned in advance for the UID Technology Solution.
36.	DR center	Disaster Recovery center	To maintain continuity of UIDAI's services during a pre-defined disaster scenario at the primary datacenter. Data repository at this facility would be replicated/ synced with primary datacenter using adequate & secure network connectivity options.
37.	EID	Enrolment ID	A unique number given to every resident at the time of enrolment.
38.	Employer		Agency with which the selected Bidder signs the Contract for the Services. In this project, the 'Employer' is the Unique Identification Authority of India (UIDAI), Planning Commission, GoI.
39.	Enrolment		UIDAI enrolment is based on the collection of demographic and biometric data from a resident. This process is conducted by an enrolment agency on behalf of a particular registrar.
40.	Enrolment Agency		Agency contracted by the Registrar, which are either empanelled by UIDAI or selected by Registrar through a bid process. Enrolment agencies provide operators, and supervisors for the enrolment stations on the field, and also create the necessary conditions for the optimal enrolment of residents
41.	Enrolment Application		Enrolment application orchestrates the enrolment workflow by integrating various sub-systems such as demographic data validation, biometric de-duplication, and UID generation
42.	Executive Risk Dashboard		Which incorporates risks related to people, processes, and technology across UIDAI eco system and to employ





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			appropriate measurements to manage and improve risk management program effectiveness on a continual basis
43.	Federated authentication		Use of Aadhaar authentication in conjunction with AUA's domain/application specific authentication scheme
44.	Foreign Personnel		Professionals and support staff who at the time of being so provided had their domicile outside the Government's country
45.	Forensics lab		To provide computer forensics support that has the ability to conduct both reactive and proactive forensic investigations including working with law enforcement agencies
46.	Fraud Detection Application		It is an application deployed to detect and reduce identity fraud
47.	Global risk intelligence feed		Risk dashboard having global risk intelligence feed capability to ensure that UIDAI's infrastructure is secured against global threats and cyber-attacks.
48.	Government		Government of the Employer's country. In this project "Government" means Government of India.
49.	GRCP Framework	Governance, Risk, Compliance and Performance Framework	GRCP-SP is expected to measure, monitor and validate that all the ecosystem players are adhering to the already defined UIDAI IS policy.
50.	IEEE 802.11		IEEE 802.11 is a set of standards for implementing wireless local area network (WLAN) computer communication in the 2.4, 3.6 and 5 GHz frequency bands.
51.	IIN	Institute Identification Number	Unique identity number provided by NPCI to participant banks
52.	Information Risk Management		Information Risk Management is envisaged as the process that allows UIDAI to balance the operational and economic costs of protective measures, should help the management identify appropriate controls for providing the mission-essential security capabilities and



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			achieve gains in mission capability by protecting its IT systems and data that support the mission objectives.
53.	Instructions to Bidders		Document which provides interested Bidders with all information needed to prepare their Proposals
54.	Introducers		A well-known person authorized by the UIDAI or by a Registrar to introduce individuals to the UID so as to reach out to the marginalized and excluded residents
55.	KYR	Know Your Resident	The customer identification procedure conducted by an institution on the resident who tries to avail the service of the institution for the first time.
56.	LAN		Includes perimeter firewalls, IPS, NIDS, internet routers, network switches, fiber channel switches
57.	Local Personnel		Professionals and support staff who at the time of being so provided had their domicile inside the Government's country
58.	Logistics Interface Application		Interfaces to the Logistics Provider for letter printing and delivery. It is used for sending and receiving raw data, sending UID data for letter printing and delivery and receiving daily status updates on the inbound and outbound sides
59.	Logistics Service Provider		The service provider to handle the core logistics activities like printing, sorting, dispatching and delivery of the Aadhaar letter and other correspondence
60.	LOI	Letter of Invitation	Letter of Invitation being sent by the Employer to the Bidders
61.	MGNREGA	Mahatma Gandhi National Rural Employment Guarantee Act	An Indian job guarantee scheme, enacted by legislation on August 25, 2005. The scheme provides a legal guarantee for one hundred days of employment in every financial year to adult members of any rural household willing to do public work-related unskilled manual work at the statutory minimum wage of Rs.100 per day. (Source:Wikipedia).

62.	MicroATM		Micro-ATMs are systems that allow customers to perform basic financial transactions using only their UID number and their fingerprint as identity proof (along with a Bank Identification
63.	Middleware		A computer software that connects software components or some people and their applications. The software consists of a set of services that allows multiple processes running on one or more machines to interact. (Source:Wikipedia).
64.	MSP	Managed Service Provider	The service provider responsible for installing, commissioning and managing CIDR, Manage the existing contracts, SLAs and the overall IT systems  MSP may be a single entity or a group of entities (BSP, ASDMSA, DC operations, etc.) which shall be collectively referred to as MSP.
65.	Multimodal SDKs		SDK's for using multimodal biometrics for effective de-duplication
66.	NOC	Network Operations Center	One or more locations from which control is exercised over a computer/telecommunications network.
67.	NPCI	National Payment Corporation of India	An umbrella institution that consolidates and integrates the multiple systems with varying service levels into nation-wide uniform and standard business process for all retail payment systems. It facilitates an affordable payment mechanism to benefit the common man across the country and help financial inclusion. (Source:Wikipedia).
68.	NREGA	National Rural Employment Guarantee Act	MGNREGA
69.	Organization and Staffing		The part of the tender's reply, where the bidder has to provide an organizational structure along with the details of key personnel to execute the activities stated in the RFP's scope of work
70.	Periodic Assessments/Reviews		Periodic Assessment/Reviews in this context stands for conducting all the periodic assessments as mentioned in the scope of work section of this RFP



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71.	Personnel		professionals and support staff provided by the Bidder and assigned to perform the Services or any part thereof
72.	PII	Personal Identity Information	The biometric data combined with the demographic data for a resident, which is available in the UIDAI Database.
73.	Primary datacenter		This facility would host the datacenter from where UIDAI's services would be delivered during normal course of affairs.
74.	Proposal		Pre-Qualification Proposal, Technical Proposal and the Financial Proposal
75.	Public Portal		This portal will also provide all users with information about the UID system, and allow them to drill down on the performance by region, etc.
76.	Resident		Resident is defined as a natural person, usually residing in India
77.	Registrar System		The IT infrastructure used by Registrars to interact with Aadhaar System
78.	Registrars		Public and private organizations who are currently engaged in providing services to the residents, and who operate on behalf of the UIDAI to provide UIDAI services (such as enrolment) to their constituents
79.	Release management process		ties the UID Software system and the CIDR through rigorous release and rollout of the software into various environments such as staging and production
80.	RFP	Request for Proposal	prepared by the Employer for the selection of Bidders
81.	Risk Control Matrix		A summary of security controls and risks associated with them
82.	Risk Identification		structured process to determine the criticality and sensitivity of the information being processed, stored, and transmitted by all the ecosystem partners
83.	Risk Mitigation Plan		The mitigation plan shall suggest any policy level changes, new tools and products, technology architecture changes etc which may be required to mitigate the identified risk
84.	Risk Profiling		provides an acceptable security level for each of these partners and functional groups
85.	Risk Register		central repository for maintaining all known risks



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86.	SLA Process Reviews		SLA measurement involves defining thresholds, introducing procedures and tools for measurement, establishing formulae to evaluate its compliance, etc. Since the process itself can significantly impact the outcome of the measurement process, UIDAI recognizes the importance of validating them.
87.	Software lifecycle services		entire lifecycle processes required to collect requirements, prototype, architect, design, develop, test and release various software components as part of the overall UID Software system
88.	Statement of Work		document included in Section 6 which explains the objectives, scope of work, activities, tasks to be performed, respective responsibilities of the Employer and the Bidder, and expected results and deliverables of the assignment
89.	Strategic Risk Index		Quantifying the overall risk scenario of the UIDAI ecosystem with the means of a score
90.	Sub-AUA		Sub AUAs are entities which desire to use Aadhaar authentication to enable its services through an existing AUA
91.	Sub-Bidder		any person or entity with whom the Bidder subcontracts any part of the Services
92.	Device Certification Agency		The authority which is used to certify the devices used for Enrolment, Authentication, Micro-ATM and other UID functions for compliance with the standards set by UIDAI
93.	The Information Portal		Provides an administrative and information access for internal users, partners and for public
94.	Training Agencies		The agencies which are responsible to training all the critical personnel in the enrolment centers and registrars who interact with the CIDR and carry out enrolment activities
95.	Type 1 Authentication		Use Aadhaar Authentication system for matching Aadhaar number and the demographic attributes of a resident
96.	Type 2 Authentication		Authenticate residents through One-Time-Password delivered to resident's mobile number and/or email address



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			present in CIDR
97.	Type 3 Authentication		Authenticate residents using one of the biometric modalities, either iris or fingerprint
98.	Type 4 Authentication		This is a 2-factor authentication offering with OTP as one factor and biometrics (either iris or fingerprint) as the second factor for authenticating residents.
99.	Type 5 Authentication		Allows service delivery agencies to use OTP, fingerprint & iris together for authenticating residents.
100.	UID Business Intelligence		extracting useful information/ progress indicators for the purposes of public viewing, partner monitoring and in some special situations also aid in research from the various business processes in the UID application like enrolment, authentication and update
101.	UIDAI	Unique Identification Authority of India	The Unique Identification Authority of India or any other representative authorized by the Unique Identification Authority of India.
102.	Updating		The facility to update their demographic and personal details stored in the CIDR
103.	Validity of Bids		Bids shall remain valid for <b>180 days</b> after the date of opening of Technical Bids prescribed by the Purchaser
104.	Verification/Authentication Server		Authentication Server works outside the ABIS solution components which are used for de-duplication during enrolment
105.	Work schedule		A Detailed Project Plan covering break-up of each phase into the key activities, along with the start and end dates