

TECHNICAL SPECIFICATIONS OF TABLET AND SINGLE FINGERPRINT SCANNER DEVICES AND OTHER ITEMS
FOR AADHAR ENROLMENT

(Tender No. MPSEDC/UID/2015/296)

S. No.	Specifications
For Enrolment of Children 0 - <5 Yrs	
1-Android Tablet with 7 inch screen with built-in fingerprint scanner with STQC certified.	
1	Processor- 1.0 GHz Dual Core or above
2	RAM- 1 GB or above
3	Internal Storage- 8GB or above
4	Expandable storage through micro SD, minimum 16 GB
5	USB Port- Minimum one Micro USB port and an optional additional USB Port
6	USB port should provide power supply to biometric device and support USB OTG.
7	Rear Camera with Auto focus & 5 Mega Pixel resolutions or above, LED Flash
8	7"Capacitive touch screen and 1024x600 pixel resolution or above
9	Scratch resistant front screen
10	GSM SIM card slot
11	Min. Battery backup up to 120 minutes, with minimum 3200 mAh battery.
12	SAR values within acceptable range
13	Separate charging port with AC adapter 110-240 volt range
14	Micro USB host cable
15	GPS and AGPS facility for capturing the location coordinates
16	Connectivity Requirements
16(a)	<ul style="list-style-type: none"> • Mandatory Edge/3G mobile data support
16(b)	<ul style="list-style-type: none"> • Wi-Fi IEEE 802.11b/g/n
17	Software Requirements for development support
17(a)	<ul style="list-style-type: none"> • Android 4.0 Operating System or Above
17(b)	<ul style="list-style-type: none"> • Safety and other standards compliance – CE certification/ RoHS certification BIS IS 13252 & FCC certification
18	Power Bank for recharging the Tablet (minimum 10000 mAh battery)

2-Single Fingerprint Scanner Device for use with Android Tablet (as STQC Certified, approved by UIDAI for Aadhaar enrolment)	
1	STQC certified Single Finger-print biometric device for Aadhaar Authentication with driver, in-built template extractor software/SDK (mandatorily with license, if required) (STQC Certificate for the device must be submitted)
2	API/SDK for Android (4.0 and above) platform.
3	Device should be plug and play with any android (4.0 and above) tablet without need of any additional license to be deployed.
4	The device should have integrated USB 2.0 type connector.
5	Device must come with connector cables to allow connection of the device to Micro USB port
6	Sample application for Android platform to test sensor/extractor
7	Vendor has to provide all necessary technical support for integration of their device
For Enrolment of Citizens >=5 Yrs	
1- Laptop/Desktop with USB hub for connecting biometric and other devices; For ECMP client	
1	2Ghz,Dual core CPU or later, Screen size Min 14"
2	Min 3GB RAM or higher
3	Min. 160GB HDD
4	Dedicated USB 2.0 Port(minimum 5 ports required External/Internal) and Antivirus pre-loaded with one year subscription
<u>Note:</u> (Windows Vista/any 64 bit Operating System is not supported)	
2	Digital web Camera (Min. 2.0 megapixel native resolution) as per STQC specifications.
3	Extra monitor for residents to verify their data (Min. 15" with a resolution 1024x768 or above)
4	Printer (A4 laser printer; must print photo and good quality receipt)
5	Iris capturing device (STQC certified, approved by UIDAI for Aadhaar enrolment)
6	Fingerprint capturing device (STQC certified, approved by UIDAI for Aadhaar enrolment)