

CORRIGENDUM

In reference to the online e-Tender Notice No. 01/2025-26 dated : 29/05/2025 for Selection of System Integrator for implementing Aadhar enabled Public Distribution System in UT of DNHDD for the Director, Consumer Affairs, Food and Civil Supplies, UT of DNH & DD for the Period of five (05) years on BOO model, issued by this office. It is hereby informed that the details Technical specification of said published e-Tender Notice No.01/2025-26 are to be read as :

Page no 25 and 26 may be read as :

Minimum Technical Specifications for ePOS Devices to be used in the SMART PDS/PDS

The ePOS Device to be used in the PDS should be STQC, UIDAI & Make in India Complied.

S.No.	Description	Minimum suggested specifications (Revised)
1	Processor	High performance Processor with speed of 2 GHZ quad core or above capable of performing at least 10 transactions per minute in laboratory environment. 1. Perform Biometric Authentication of the PDS beneficiary with UIDAI server. 2. Generate Encrypted pay load for maximal Sales data. 3. Transmit the Encrypted transaction sales data to PDS server. (Remove the locally stored sales data only after getting acknowledgement from the server) -Processor should be capable enough of performing FINGERPRINT authentication with AUA/ASA/UIDAI server. Geek Benchmark Score: >500(Single core), 1800 (Multi core)
2	OS	Linux Stable OS /Android 12/Windows
3	Memory	<ul style="list-style-type: none"> 4 GB or higher RAM (for Linux) and 4 GB or higher RAM (for Android /Windows) 64 GB or higher In-built Storage (Flash Memory) for Linux & 64 GB or higher In-built Storage (Flash Memory) for Android (Minimum 500 MB free disk space)
4	Expansion Slot	Micro SD slot should be able to support up-to 32 GB.
5	Communication	Should support 3G,4G, LTE or above, Wi-Fi and Bluetooth. Device should support GPS feature.
6	Interface	At least one free USB port shall be available after setting up the entire solution including peripheral devices like IRIS Scanner and Weighing Scale

7	Display	5.5 inch or higher colour TFT Display supporting HD (1280 x720) or better resolution and 64K or higher colours resolution.
8	Key Pad	Qwerty keypad with navigation keys, Function key, keys size to be large enough for navigation.
9	Battery	Swappable & Dry/Rechargeable, Li-ion or Li- Polymer battery capable of providing minimum 12 hours of operation while all function of device active i.e. battery capacity of minimum 2600mAH(Minimum18.72 Wh).
10	Power Adapter	Power Adapter with surge protection and operating range 100 to 240V,50Hz. AC input
11	SIM & SAM slot	Dual GSM SIM slot support 3G, 4G, LTE or above and Minimum One SAM slots for software up-gradation in device.
12	Printer	Integrated 2" Thermal Printer
13	Audio	Good quality Speaker with 1W or higher output for announcements
14	Finger print Scanner	STQC AND UIDAI Certified L1 biometric Fingerprint scanner
15	IRIS Scanner (External)	STQC and UIDAI Certificated IRIS Scanner with inbuilt Encryption
16	In Built Magnetic Payment Card Reader, Smart Card Reader and Contactless Smart Card reader for digital payment	The device shall comply with PCI PTS 5.0 with Inbuilt MSR & EMV (L1 & L2) Certified Smart Card Reader to perform cashless PDS and run banking correspondence services as mandated by GOI. Rupay, Master and Visa Card Scheme certifications for contact and contactless payments, shall be in the name of POS Manufacturer.
17	Support to connect Weighing Scale	Availability of connectivity feature of electronic weighing scale through USB, Bluetooth (with minimum 20 ft. range).
18	Status Indications	<ul style="list-style-type: none"> • Status indicator provides ease of use, Indicators for connectivity (presence/absence), signal strength, battery status etc. • Device Health Monitoring System Indicator may also be included. • Mandatory Logs (System up time, down time etc.)
19	Other Accessories	Durable carry Case, User Manual (in Hindi and English)
20	SDK	Appropriate SDK need to be provided along with the devices with necessary technical support.
21	Terminal Management	Device should be remotely manageable in secured mode. OS patches, applications software patches and new software releases shall update into POS machines remotely using push method. TMS should be hosted in India & shall have VAPT certification from Cert-in Certified Agencies in accordance with Meity approved guidelines. SI shall, if required host TMS at NIC/SDC of Respective states

22	Environment, Health & Safety Device should be remotely manageable in secured mode Durability, Humidity, EMI/EMC Compliance	Dry heat test- Operating ((50±2°C for 2 hrs.) Cold test - Operating (0±3°C for 2 hrs.) Dry heat test (55±2°C for 2 hrs.) Damp heat Cyclic (40°C for (12+12 hrs.)), No. of cycles 2 Cold Test (-10 ±3 °C for 2hrs) Drop/Free Fall Test, in unpacked, switched off and normal handling conditions (Height: 100 cm, Total no. of falls: 2) Vibration Test should be in packed condition, switched off conditions (10-150 Hz, 0.15 mm/2g, 10 sweep, cycles/axes)
		Bump test should be in packed condition, switched off condition. (1000Bumps, 40g, in vertical position) with valid certification from any NABL Accredited Lab in India
23	Add-On Antenna	The device must have a slot to connect an external antenna. While, the procurement of antenna is depending on the requirement of the State, which will be used in remote locations and hilly areas for better signal reception and seamless transactions
24	Device Form Factor	The device should be portable and handy, Device must be able to hold with one hand and transact with other hand. Device weight should not be more than 550 gm. including paper roll.
25	Warranty	OEM Warranty support during the contract period. Bidder should submit the OEM declaration that the OEM will provide warranty support for the devices and spare part support for a period of 5 years from the date of "Go Live".
26	Certifications and compliances	Device Certification: IP54 or above, BIS, STQC, CE, RoHS, EMV L1& L2, Visa paywave, Master Paypass and Rupay from NPCI. All Certifications should be in the name of OEM of proposed ePOS device & to be submitted.
27	Security	2048-bit, 256-bit AES, Base 64, SHA-256 for full compliance with Aadhar Authentication API specification 2.0 or above, 3DES encryption, TMK/TPK support with all keys remote download capability.
28	Camera	13 MP front camera and should be able to perform Aadhaar enabled Facial authentication.
29	Make in India	The devices should be manufactured in India as per GoI's ATMANIRBHAR BHARAT Program and in accordance Make-in-India (MII) Local supplier certificate (as per order No P-45021/2/2017-PP (BE-II) by DPIIT, Ministry of Commerce and Industry, GoI

→ **Additional Comments:**

Following may please also be considered as per UIDAI's Device Specifications for Face Authentication

1. Disabled USB Ports:

Yes

Shouldn't permit to connect external Camera, but should permit Weighing Scale and IRIS Scanners

2. OS Should Support UIDAI Facial Authentication as per UIDAI guidelines

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