

№	Захиалагчийн техникийн тодорхойлолт		
RECYCLE ATM-н үзүүлэлт			
Item	Description	Quantity	
1. PC communication ad system specifications			
1.1	CPU	Intel Core i5 or i7 Gen 5 Plus CPU @3.0GHz or higher	1
1.2	MEMORY	8GB, support up to 16GB	1
1.3	HDD 1	SSD 500GB or higher /for operating system, programs/	1
1.4	Optical Drive	DVD-RW drive	1
1.5	Keyboard, mouse	Service keyboard /QWERTY, TouchPad/	1
1.6	Operating system	Windows 10 with firewall and USB blocking	1
1.7	Architecture	Universal Serial Bus (USB) 3.0	
1.8	Communication mood	Leased line, dial-up	
1.9	Communication protocol	TCP/IP, X2.5	
1.1	Application protocol	NDC+, DDC, PROBASE V1.4, PROCASH V3.1, ISO 8583 or others	
1.11	Communication media	10/100/1000 Mbit/sec Ethernet LAN interface with a physical RJ45	
1.12	Monitoring program	Vynamic View	1
2. User interface			
2.1	Consumer Display	15" TFT color LCD with touch screen, Vandal-resistant display	1
2.2	Functional keypad	2*4 function keys	1
2.3	Receipt printer	-80mm 203 DPI Graphical Thermal Printer, Speed: 150mm per second. -Capture and retract capability	1
2.4	Motorized card reader/ writer	-Motorized card reader (Hi-Co and Lo-Co track read/write) -EMV Level 1 and Level 2 compliant -Card capture bin -Support Antifish and Anti skimming -Card Return on Power fail/System Escape	1
2.5	Speaker	High quality public audio and / or sound jack with volume control	1
2.6	Screen supervisory menu	-privilege management with supervisor menu -Self-diagnosis & error inquiring	1 1
2.7	Multi-color programmable lead-through indicator	-Card reader -Receipt printer -Cash-in and Cash-out	1 1 1
2.8	Contactless smart card reader	Contactless карт уншдаг байх	1
2.9	2D barcode	Баркод таньж уншдаг байх	1
3. Banknote Processing Unit			
3.1	Cash Deposit/Dispensing module	-Бэлэн мөнгөний орлого, зарлагыг нэг модулиар цогцоор нь шийдсэн байх ба орлогодон авсан бэлэн мөнгийг буцааж зарлагад гаргадаг байна. -Deposit/Dispensing speed :8 notes per second or higher -Up to 4 recycling cassettes and 1 acceptance cassette (Vertical) -Banknote validation compliance with ECB Article 6 -Metal detection -2000 note capacity all-in vertical cassette	1

		-Монгол мөнгөн тэмдэгтүүдийг шалгаж, хүлээн авдаг байх. Үүнд дараах тэмдэгтүүд багтана: - 20,000 -10,000 -5,000 -Харилцагч мөнгөө мартсан тохиололд Retract хийдэг байх.	
3.2	Cassettes capacity	-Cassettes capacity: 2.000 notes or higher -Acceptance cassette capacity: 2.000 notes or higher	4+ 1
4. Security			
4.1	Physical safety	Security safe	1
		Mechanical combination lock	1
		PCI compliant EPP	
		EMV Level 1 and Level 2 certified	
		-Electromagnetic interference device	
		PIN PAD Shield	1
4.2	Message security	Consumer awareness mirror	1 or 2
4.2	Message security	Support DES, Triple-DES	
5. Localization			
5.1		Screen can be localized into language as per requirement	
5.2		Program and diagnostic unit in English	
5.3		Receipt printer-English / Монгол	
5.4		Direction labels in English	
6. Encrypting PIN PAD			
6.1	Encrypting Pin Pad	EPP Large Format Metal Keypad English Numeric Decimal Support DES or Triple DES/PCI approved	1
7. Working environment			
7.1	Temperature	Indoor: 0 °C to 40 °C	
		Relative Humidity: 5% to 95% non-condensing	
7.2	Power	High Voltage 200-240V, 50/60Hz	
8. Camera system			
8.1	Data storage	Өндөр нягтралтай IP камерийн бичлэгийг хадгалах боломжтой 2 ТВ буюу түүнээс дээш багтаамжтай хатуу диск бүхий NVR төхөөрөмж	1
8.2	Camera	АТМ-н дээд хэсэгт байрлаж, АТМ-н ойр орчныг хянах зориулалттай 4 Мегapixel-с доошгүй нягтралтай IP камер, АТМ дотор байрлаж харилцагчийн нүүр хэсэг харах 2 Мегapixel-с доошгүй нягтралтай IP камер	1
9. Нэмэлт шаардлага			
9.1		Эрчим хүчний хэмнэлттэй /A+/ ангилалд багтсан байвал давуу тал болно	

