

ANNEX – B TO TENDER NO: TBPLC/HO/GSSD/PPD/TENDER/2024/37(A) (REVISED) DT: 24 OCTOBER 2024

Details of the Technical Specification of 24 Units Cash Recycle Machine (CRM) are as under:

S/N	Feature	Required Specification	Bidder's Response
1.	General	<ul style="list-style-type: none"> Brand Name Model Model Released Date Country of Origin Country of Manufacture/Assemble Port of Shipment ATM Type 	<ul style="list-style-type: none"> Model Released Date not below 2018. Year of production must be after issuance of Work Order Date. Transshipment not allowed. ATM Type : Lobby Other details to be mentioned.
2.	Functionalities	Minimum Requirement	<ul style="list-style-type: none"> Fast Cash Cash withdrawal Cheque Book Request (Optional) Credit Card Payment Balance Inquiry Mini Statement Statement Request (Optional) Fund Transfer Utility Bills payment PIN Change
3.	PC Configuration	<ul style="list-style-type: none"> PC Type CPU RAM HDD ROM Motherboard Mouse Keyboard Display/Monitor Speaker 	<ul style="list-style-type: none"> Min Core i-5 Processor Speed min 2.50 Ghz (latest generation) OEM shall certify the generation. 16 GB RAM (Two slot prepared) Minimum 1 TB SSD Hard Disk Other Details to be mentioned
4.	Printer	<ul style="list-style-type: none"> Journal Printer Receipt Printer 	Journal/Receipt Printer
5.	EPP	-	Please mentioned details of encryption standard of EPP
6.	Card Reader	<ul style="list-style-type: none"> Track1,2,3 Readable Smart/Chip Card Readable, NFC Enabled (optional) 	<ul style="list-style-type: none"> DIP Card Reader is preferred. Motorized Permissible Other details to be mentioned
7.	EMV Compliant	<ul style="list-style-type: none"> VISA Master card UnionPay 	To be mentioned (Note: Before deployment VISA/MasterCard/UnionPay certification must be completed)
8.	Communication	<ul style="list-style-type: none"> Network Protocol Port 	<ul style="list-style-type: none"> TCP/IP as Network Protocol Other details to be mentioned
9.	Security	<ul style="list-style-type: none"> Safe Vault Certification 	<ul style="list-style-type: none"> Built-in Anti-Skimming & PIN Shield

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	<ul style="list-style-type: none"> • Lock • Anti-Skimming • PIN Shield • Key PAD • Encryption • Antimalware • Bio-Metric • Labeling • Monitory Protection 	<ul style="list-style-type: none"> • Digital lock with One Key Lock (high-quality key lock for enhanced security and reliability). Any issue related to lead time must be mentioned along with alternative option with cost/price. • Biometric facilities (thumb/face/iris etc. to be mentioned) • Other details to be mentioned. 	
10.	Camera	<ul style="list-style-type: none"> • Portrait Camera • Cash Slot Camera 	<ul style="list-style-type: none"> • Both required • Other details to be Mentioned
11.	Software	<ul style="list-style-type: none"> • Operating System • ATM Applications 	<ul style="list-style-type: none"> • Minimum Windows 10 Operating System (OS) Licensed Version. • License validity date need to be mentioned (OS and other). • License updatable or Not to be mentioned (OS and others) • Others Software details to be mentioned
12.	Dispenser Module	<ul style="list-style-type: none"> • Technology • Presenter • Number of Cash Cassette • Cassette Capacity • Cash Reject BIN Capacity • Card Reject BIN Capacity • Cash Retract BIN Capacity • Currency Checker • Note Dispense • Shutter 	<ul style="list-style-type: none"> • Note dispense capacity need to be mentioned. • Physical Cash capacity at Cash Cassette need to be mentioned. • Other details need to be mentioned
13.	Cash Acceptor	<ul style="list-style-type: none"> • Recycling Cash Cassettes Capacity • Acceptance Cash Cassette Capacity • Reject Tray Capacity • Rajectract Treay Capacity 	<ul style="list-style-type: none"> • Minimum 4 Recycling Cassettes & 1 Acceptance Cassette & should be configurable • Accepts, validates and stores multiple denominations of banknotes in less than 20 seconds Accepts. • Other details to be mentioned
14.	Deposit Feature	<ul style="list-style-type: none"> • Note serial number recognition features • Note image capture capability • Other features 	<ul style="list-style-type: none"> • Note serial number recognition features mandatory • Other Deposit features to be mentioned
15.	Currency Reading Capabilities	<ul style="list-style-type: none"> • 50, 100, 500, 1000 Taka Note reading capabilities 	<ul style="list-style-type: none"> • Details denomination features to be mentioned



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16.	Fake Note Identifier	<ul style="list-style-type: none"> Fake notes detection techniques 	<ul style="list-style-type: none"> Details to be mentioned
17.	Faulty Note Identifying Features	<ul style="list-style-type: none"> Should detect missing parts of bank notes i.e. Note holes, writing on notes, oil, stains, tape etc. 	<ul style="list-style-type: none"> Details to be mentioned
18.	Check Deposit Module (Optional)	<ul style="list-style-type: none"> Checks in a bundle MICR + OCR recognition detection capability 	<ul style="list-style-type: none"> Details to be mentioned
19.	Anti-Malware solution	<ul style="list-style-type: none"> Application white listing. USB protection. Dispenser Encryption 	<ul style="list-style-type: none"> Details to be Mentioned
20.	Earthen value absorption capacity	Earthen absorption capacity of ATM in Ohm/Volt with range	<ul style="list-style-type: none"> Pls mention earthen absorption capacity of ATM in Ohm/Volt with range
21.	Working Environment	<ul style="list-style-type: none"> Temperature Humidity Power Consumption 	<ul style="list-style-type: none"> To be mentioned
22.	Dimension & Weight	<ul style="list-style-type: none"> Height Width Depth Wight 	<ul style="list-style-type: none"> To be mentioned
23.	Compatibility		ATMs offered should be capable of being fully integrated with the existing Trust Bank PLC. systems immediately on installation without any modifications/testing and providing the same functionalities as existing ATMs installed by Trust Bank PLC.
24.	Other features	<ul style="list-style-type: none"> Multilingual transaction guidance Media indicators Lead through indicator Operator interface 	<ul style="list-style-type: none"> To be mentioned
25.	Supports of switch System		To be mentioned
26.	Product Service/Support Period		<ul style="list-style-type: none"> Support service will be minimum 10 (ten) years. Please mentioned price list of spare parts along with the tender documents.
27.	Warranty		Minimum one (01) year full warranty with spare parts and labor