

Land Bank of the Philippines
2021 ATM Minimum Specifications
Cash Dispenser – Thru-the-Wall Type
As of April 5, 2021

HARDWARE FEATURES	LANDBANK SPECIFICATIONS
A. SECURITY ENCLOSURES	A.1. UL291 COMPLIANT SAFE
B. CABINET FEATURES	B.1. REAR ACCESS FOR FLM AND SLM
	B.2. LIGHTED FASCIA
	B.3. ELECTRONIC TRANSMISSION OF OPENING AND CLOSING OF TOP HATCH/DOOR ACTIVITIES TO JOURNAL AND HOST
	B.4. ATM TOP SHALL BE FLAT
C. DISPLAY FEATURES	C.1. MINIMUM 15" COLOR DISPLAY
	C.2. XGA, LCD FLAT PANEL
	C.3. PRIVACY SHIELD/FILTER
	C.4. TOUCHSCREEN
	C.5. VANDAL SHIELD/FRAUD PROTECTION (HARDWARE AND SOFTWARE)
D. DISPENSERS	D.1. CAN DISPENSE 50 NOTES IN A SINGLE TRANSACTION
	D.2. DISPENSER RETRY FEATURE (CAPABILITY TO PICK-UP BILLS FROM LOADED CASSETTES)
	D.3. CAPABLE TO PERFORM DISPENSE TEST
	D.4. CASH RETRACTION CAPABILITY
	D.5. WITH LOW CASH / OUT-OF-CASH SENSORS
E. SHUTTER SENSOR	E.1. AUTOMATIC DETECTION IF THERE ARE BLOCKAGE IN THE CASH PRESENTER AREA DURING IDLE PERIOD OR ACTUAL TRANSACTION
	E.2. PUT THE MACHINE IN UNAVAILABLE MODE IF BLOCKAGE WERE DETECTED
	E.3. CHECK CASH PRESENTER AREA, IF NO BLOCKAGE WERE DETECTED, PUT THE MACHINE IN ONLINE MODE
F. CURRENCY CASSETTES	F.1. SINGLE KEY LOCK, UNIVERSAL TO ALL CASSETTES OF THE SAME BRAND
	F.2. ALL BRAND NEW: MINIMUM OF FOUR [4] CARTRIDGES WITH BUILT-IN KEYLOCK AND KEY + FOUR (4) EXTRA CARTRIDGES TOTAL OF 8 CART PER ATM = (2 CARTS – PHP100 DENOMINATION, 4 CARTS – PHP500 DENOMINATION, 2 CARTS-PHP 1000 DENOMINATION)
	F.3. IN CASE OF LOST KEY OR DEFECTIVE LOCKING SYSTEM, LOCKING SYSTEM IS REPLACEABLE
	F.4. CURRENCY CASSETTES VALIDATION UPON LOADING (CASSETTE TYPE/ID)
	F.5. CAN BE LOADED WITH MINIMUM 2500 BILLS (ATM FIT)
G. DIVERT CASSETTE	G.1. SEPARATE AND SECURED DIVERT CASSETTE WITH BUILT-IN KEYLOCK AND KEY + 1 (ONE) EXTRA DIVERT CASSETTE WITH KEYLOCK AND KEY, TOTAL OF 2 DIVERT CASSETTES WITH BUILT-IN KEYLOCK AND KEY PER ATM (ALL BRAND NEW).
H. CONSUMER INTERFACE KEYPAD	H.1. 13 FULL FUNCTION KEYS PLUS 1 RESERVED KEY/TRIPLE DES ON KEYPAD
	H.2. EPP-PCI AND PCI-PTS CERTIFIED (VALID WHILE THE ATM IS OPERATIONAL/INSTALLED)
I. PROCESSOR	I.1. MINIMUM I5 (MINIMUM OF 5 TH GENERATION)
J. MEMORY	J.1. MINIMUM OF 4 GIGABYTES PER SLOT. TOTAL OF 8 GB
	J.2. ADDITIONAL SLOT FOR MEMORY EXPANSION
K. BUS ARCHITECTURE	K.1. ETHERNET LAN CARD 100/1000 MBPS RJ 45 PORT
L. DVD DRIVE	L.1. DVD+RW / DVD-RW
	L.2. SPEED 20x
M. HARD DISK	M.1. 500 GIGABYTES; 7200 RPM (SATA); PARTITIONED INTO 100GB FOR OS AND 400 GB FOR DATA TO STORE AND RETAIN ATM LOGS IN 30 DAYS
N. ELECTRONICS ENCLOSURE	N.1. SECURED COMPUTER COMPONENTS (METAL CASING)
O. OPERATOR INTERFACE	O.1. REAR ACCESS WITH MAINTENANCE MONITOR, MOUSE AND KEYBOARD (APPLICABLE FOR INPUTTING OF ALPHANUMERIC USER ID AND PASSWORD)
P. RETAINED CARD BIN	P.1. RETAINED CARD CASSETTE (SECURED WITH BUILT-IN KEYLOCKING)
	P.2. LOCK KEY SHOULD BE DIFFERENT FROM THE CABINET/FASCIA KEY

Q. SECURITY CAMERA	Q.1. DIGITAL AND COLORED IMAGE MINIMUM OF ONE (1) MEGAPIXEL RESOLUTION
	Q.2. FACE OF THE ATM USER CAN BE VIEWED CLEARLY
	Q.3. WIDER RANGE OF CAPTURING IMAGE. THE CAMERA SHOULD BE ANGLED IN SUCH A WAY THE IMAGE OF THE ATM USER (4 TO 6 FEET IN HEIGHT) WILL BE CAPTURED FROM THE CHEST TO THE WHOLE FACE WHILE TRANSACTING IN A NORMAL POSITION.
	Q.4. DOWNLOADABLE TO DVD-R AND CD-R
	Q.5. CAN BE DOWNLOADED ANYTIME
	Q.6. PROMPT MESSAGE / ERROR WHEN CD IS FULL
	Q.7. SYNCHRONIZED TIME BETWEEN ELECTRONIC JOURNAL FILE AND TRANSACTION RECEIPT
	Q.8. CAPTURES AT LEAST THREE (3) CLIENT IMAGES <ul style="list-style-type: none"> • FOR CASH WITHDRAWAL TRANSACTION - PIN ENTRY, CARD EJECTED AND CASH DISPENSED • FOR BALANCE INQUIRY, FUND TRANSFER, BILLS PAYMENT AND CHANGE PIN TRANSACTIONS - CARD ENTRY, PIN ENTRY AND CARD EJECTED
	Q.9. IMAGES ARE ARCHIVED FOR 30 DAYS IN THE MACHINE
	Q.10. FIRST IN, FIRST OUT AUTO DELETION OF PICTURES / IMAGES
	Q.11. STORES IMAGES IN JPG FORMAT
	Q.12. COMPRESS/ZIP FOLDER AND PROTECTED BY PASSWORD. SHALL INCLUDE PASSWORD MAINTENANCE (EDIT MODULE)
	Q.13. ALERT / WARNING MESSAGES (SOLICITED AND UNSOLICITED) WHEN THE CAMERA MALFUNCTIONS CAN BE SENT/LOGGED AT ATM LEVEL, HOST, ATM MONITORING SCREEN AND ELECTRONIC JOURNAL)
	Q.14. SECURITY PASSWORD FOR COPYING AT THE MACHINE AND VIEWING OF PICTURES/IMAGES AT THE BRANCH'S PC
R. VAULT SECURITY	R.1. ELECTRONIC LOCK (DIGITAL) - HIGHLY SECURED
	R.2. MINIMUM OF 12 DIGITS COMBINATION (6 DIGITS PER COMBINATION - DUAL CONTROL)
	R.3. MUST NOT DISPLAY NUMERIC COMBINATION
	R.4. ELECTRONIC TRANSMISSION OF OPENING AND CLOSING OF ATM VAULT DOOR ACTIVITIES TO JOURNAL AND HOST
S. CARD READER	S.1. MOTORIZED CARD READER
	S.2. TRACK 1 & 2 - READ ONLY
	S.3. TRACK 3 - READ & WRITE
	S.4. MAGNETIC STRIPE FACING DOWNWARD
	S.5. EMV CERTIFIED. ANY NECESSARY UPDATES ON EMV COMPLIANCE OR REQUIREMENTS WITHIN THE 5-YEAR CONTRACT PERIOD SHALL BE FOR THE ACCOUNT OF THE VENDOR. THE ATM SHALL ACCEPT BOTH EMV AND MAGNETIC STRIPE CARDS. THE EMV KERNEL UPGRADE SHALL BE FOR THE ACCOUNT OF THE VENDOR WHILE THE FIMME CERTIFICATION SHALL BE FOR THE ACCOUNT OF THE BANK
	S.6. ELECTRONIC TRANSMISSION OF READ ERRORS TO NETWORK
	S.7. RETURN CARD ON POWER FAILURE
	S.8. ANTI-CARD FRAUD FEATURE (FOR CARD SKIMMING AND LEBANESE LOOP) SOFTWARE AND HARDWARE (ANTI-SKIMMING)
	S.9. AUTOMATIC DETECTION IF THERE ARE BLOCKAGE IN THE CARD READER BEZEL DURING IDLE PERIOD
	S.10. PUT THE MACHINE IN UNAVAILABLE MODE IF BLOCKAGE WERE DETECTED
	S.11. CHECK CARD READER BEZEL, IF NO BLOCKAGE WERE DETECTED, PUT THE MACHINE IN ONLINE MODE
	S.12. WITH ENHANCED CARD READER BEZEL INSTALLED
	S.13. SHALL DETECT SKIMMING DEVICE INSTALLED ON THE CARD READER
	S.14. SHALL RELEASE CARD IMMEDIATELY UPON OCCURRENCE OF POWER FAILURE
T. POWER SUPPLY	T.1. AUTO VOLTAGE CAPABLE - 220 / 110 VAC (VOLT ALTERNATING CURRENT)
	T.2. FREQUENCY: 60 HERTZ
	T.3. SETTINGS BEFORE POWER INTERRUPTION SHOULD BE RETAINED
	T.4. THREE-PRONGED PLUG
U. RECEIPT [CONSUMER PRINTER]	U.1. THERMAL PRINTER
	U.2. SUPPORTS 25 CHARACTERS PER LINE
	U.3. SHALL COMPLY WITH THE BANK'S PRESCRIBED RECEIPT FORMAT

V. ATM HEIGHT REQUIREMENT	V.1 SHALL COMPLY WITH THE BANK'S PRESCRIBED ATM HEIGHT REQUIREMENT (FOR DISPENSER, KEYPAD AND MONITOR) (SEE ANNEX A)
W. ACCESSORIES	W.1. COMMUNICATIONS CABLE (350 PCS OF THREE-METER CAT-5 CABLE WITH RJ 45 ON BOTH ENDS FOR ALL NETWORK EQUIPMENT DATA CONNECTIONS) TO BE DELIVERED ALONG WITH THE MACHINE.
X. OTHERS	X.1. CAPABLE TO RUN VIA TCP-IP X.2. PCI (PERIPHERAL COMPONENT INTERCONNECT) X.3. CARD RETRIEVE PROMPTER (LIGHT INDICATOR & BEEPER) X.4. BUILT-IN SPEAKERS (8 WATTS) X.5. ALL WEATHER ATM MODEL X.6. USER'S MANUAL FOR OPERATIONS, MONITORING SYSTEM/TOOL, REMOTE ATM READING SYSTEM AND BROWSER X.7. WITH THE FOLLOWING CAPABILITIES: X.7.1. ELECTRONIC JOURNAL (EJ) CAN BE EXTRACTED THRU TCP/IP X.7.2. FACILITY TO PERFORM REMOTE ATM SELF DIAGNOSTICS X.8. UPON PAYMENT OF THE NON-REFUNDABLE BIDDING FEE, BIDDER(S) MAY OPT TO DELIVER A TEST UNIT FOR THE CONDUCT OF CONNECTIVITY TESTING. CONNECTIVITY TEST INCLUDES FIVE (5) BASIC TRANSACTIONS: BALANCE INQUIRY, WITHDRAWAL, FASTCASH, FUND TRANSFER AND PAYMENT. THE ISSUANCE OF A CERTIFICATE OF CONNECTIVITY BY CAMD SHALL START FROM THE DATE WHEN THE INVITATION TO BID (ITB) IS FIRST PUBLISHED UP TO THE LAST DAY OF POST-QUALIFICATION PERIOD. X.9. SHOULD SUBMIT BROCHURES/ PICTURE AND DIMENSION/ WEIGHT OF THE ACTUAL ATM MODEL AS PART OF BID DOCUMENTS.
Y. SYSTEM INTEGRATION TESTING/USER ACCEPTANCE TEST	Y.1 THE SYSTEM INTEGRATION TESTING (SIT) IF NEEDED, SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS UPON RECEIPT OF PURCHASE ORDER. PENALTY FOR NON-COMPLIANCE WILL BE 1/10 OF 1% OF THE TOTAL ACQUISITION COST (VAT INCLUSIVE) PER DAY. Y.2. THE USER ACCEPTANCE TESTING (UAT) AND PROGRAMMING SHOULD BE COMPLETED WITHIN 90 CALENDAR DAYS UPON ISSUANCE OF SIT CERTIFICATE. PENALTY FOR NON-COMPLIANCE WILL BE 1/10 OF 1% OF THE TOTAL ACQUISITION COST (VAT INCLUSIVE) PER DAY. Y.3. THE WINNING BIDDER SHALL DELIVER ONE (1) TEST UNIT FOR UAT TO LBP-HEAD OFFICE WITHIN SEVEN (7) CALENDAR DAYS UPON RECEIPT OF P.O. Y.4 THE WINNING BIDDER SHALL PROVIDE TECHNICAL SUPPORT DURING THE DURATION OF UAT
Z. DELIVERY AND PAYMENT TERMS	Z.1. ATMs SHALL BE DELIVERED AND INSTALLED, IF APPLICABLE, TO SITE AND/OR MOTHER BRANCH Z.2. DELIVERY SHALL BE IN SEVEN (7) BATCHES, 50 UNITS FOR EACH BATCH. <ul style="list-style-type: none"> • THE 1ST TO 7TH BATCHES SHALL BE READY FOR DELIVERY WITHIN 90 CALENDAR DAYS UPON RECEIPT OF NOTICE TO PROCEED AND ADVICE FROM CAMD. • UNITS WHICH REMAIN UNDELIVERED AFTER SIX MONTHS RECKONED FROM DATE OF FIRST DELIVERY FROM EACH BATCH CALLED-OUT, SHALL BE RECEIVED BY CAMD. THE UNITS, HOWEVER, SHALL STILL BE SAFEKEPT AT THE VENDOR'S WAREHOUSE FOR ADDITIONAL PERIOD OF THREE (3) MONTHS AT NO COST TO THE BANK. • UPON RECEIPT OF NOTICE TO DELIVER, THE VENDOR SHALL DELIVER THE UNIT(S) AS SPECIFIED OR WITHIN FIVE (5) BANKING DAYS IF THE DESTINATION IS VIA LAND TRAVEL ONLY, WHILE FIFTEEN (15) BANKING DAYS IF THE DESTINATION IS VIA LAND AND SEA TRAVEL. Z.3. PENALTY FOR NON-COMPLIANCE WILL BE 1/10 OF 1% OF THE TOTAL VALUE OF THE UNDELIVERED ITEM FOR EVERY DAY OF DELAY. Z.4. AMOUNT OF P5,000.00 PER DAY FOR EVERY UNSUCCESSFUL ATM ACTIVATION/INSTALLATION ARISING DUE TO UNAVAILABLE/DEFECTIVE HARDWARE/PARTS/SOFTWARE (INCLUDING BROWSER), LATE ARRIVAL OF MORE THAN TWO (2) HOURS ON THE SCHEDULED TIME/DATE OR TOTALLY NON-APPEARANCE OF THE SERVICE ENGINEER. Z.5. PAYMENT TERMS: UNIT COST NET OF P5,000.00 FOR THE INSTALLATION/ACTIVATION
AA. BENCHMARK	AA.1. SPEED OF NORMAL TRANSACTIONS MUST BE THE FF: (STANDARD LBP NETWORK CONFIGURATION) AA.2. 10 SECONDS OR LESS FOR BALANCE INQUIRY (FROM PIN ENTRY TO BALANCE DISPLAY) AA.3. 14 SECONDS OR LESS FOR WITHDRAWAL TRANSACTION (FROM PIN ENTRY TO CASH PRESENTMENT)

**Land Bank of the Philippines
2021 ATM Minimum Specifications
Cash Dispenser - Lobby Type**

As of April 5, 2021

HARDWARE FEATURES	LANDBANK SPECIFICATIONS
A. SECURITY ENCLOSURES	A.1. UL291 COMPLIANT SAFE
B. CABINET FEATURES	B.1. FRONT ACCESS WITH UNIQUE KEY WHICH CAN ONLY BE DUPLICATED THRU THE PROVIDER B.2. ELECTRONIC TRANSMISSION OF OPENING AND CLOSING OF TOP HATCH/DOOR ACTIVITIES TO JOURNAL AND HOST B.3. ATM TOP SHALL BE FLAT
C. DISPLAY FEATURES	C.1. MINIMUM 15" COLOR DISPLAY C.2. XGA, LCD FLAT PANEL C.3. PRIVACY SHIELD/FILTER C.4. TOUCHSCREEN C.5. VANDAL SHIELD/FRAUD PROTECTION (HARDWARE AND SOFTWARE)
D. DISPENSERS	D.1. CAN DISPENSE 50 NOTES IN A SINGLE TRANSACTION D.2. DISPENSER RETRY FEATURE (CAPABILITY TO PICK-UP BILLS FROM LOADED CASSETTES) D.3. CAPABLE TO PERFORM DISPENSE TEST D.4. CASH RETRACTION CAPABILITY D.5. WITH LOW CASH / OUT-OF-CASH SENSORS
E. SHUTTER SENSOR	E.1. AUTOMATIC DETECTION IF THERE ARE BLOCKAGE IN THE CASH PRESENTER AREA DURING IDLE PERIOD OR ACTUAL TRANSACTION E.2. PUT THE MACHINE IN UNAVAILABLE MODE IF BLOCKAGE WERE DETECTED E.3. CHECK CASH PRESENTER AREA, IF NO BLOCKAGE WERE DETECTED, PUT THE MACHINE IN ONLINE MODE
F. CURRENCY CASSETTES	F.1. SINGLE KEY LOCK, UNIVERSAL TO ALL CASSETTES OF THE SAME BRAND F.2. ALL BRAND NEW: MINIMUM OF FOUR [4] CARTRIDGES WITH BUILT-IN KEYLOCK AND KEY + FOUR (4) EXTRA CARTRIDGES TOTAL OF 8 CART PER ATM = (2 CARTS – PHP100 DENOMINATION, 4 CARTS – PHP500 DENOMINATION, 2 CARTS-PHP 1000 DENOMINATION) F.3. IN CASE OF LOST KEY OR DEFECTIVE LOCKING SYSTEM, LOCKING SYSTEM IS REPLACEABLE F.4. CURRENCY CASSETTES VALIDATION UPON LOADING (CASSETTE TYPE/ID) F.5. CAN BE LOADED WITH MINIMUM 2500 BILLS (ATM FIT)
G. DIVERT CASSETTE	G.1. SEPARATE AND SECURED DIVERT CASSETTE WITH BUILT-IN KEYLOCK AND KEY + 1 (ONE) EXTRA DIVERT CASSETTE WITH KEYLOCK AND KEY, TOTAL OF 2 DIVERT CASSETTES WITH BUILT-IN KEYLOCK AND KEY PER ATM. (ALL BRAND NEW)
H. CONSUMER INTERFACE KEYPAD	H.1. 13 FULL FUNCTION KEYS PLUS 1 RESERVED KEY/TRIPLE DES ON KEYPAD H.2. EPP-PCI AND PCI-PTS CERTIFIED (VALID WHILE THE ATM IS OPERATIONAL/INSTALLED)
I. PROCESSOR	I.1. MINIMUM I5 (MINIMUM OF 5 TH GENERATION)
J. MEMORY	J.1. MINIMUM OF 4 GIGABYTES PER SLOT. TOTAL OF 8 GB J.2. ADDITIONAL SLOT FOR MEMORY EXPANSION
K. BUS ARCHITECTURE	K.1. ETHERNET LAN CARD 100/1000 MBPS RJ 45 PORT
L. DVD DRIVE	L.1. DVD+RW / DVD-RW L.2. SPEED 20x
M. HARD DISK	M.1. 500 GIGABYTES; 7200 RPM (SATA); PARTITIONED INTO 100GB FOR OS AND 400 GB FOR DATA TO STORE AND RETAIN ATM LOGS IN 30 DAYS
N. ELECTRONICS ENCLOSURE	N.1. SECURED COMPUTER COMPONENTS (METAL CASING)

O. OPERATOR INTERFACE	O.1. FRONT ACCESS WITH MAINTENANCE MONITOR, MOUSE AND KEYBOARD (APPLICABLE FOR INPUTTING OF ALPHANUMERIC USER ID AND PASSWORD)
P. RETAINED CARD BIN	P.1. RETAINED CARD CASSETTE [SECURED WITH BUILT-IN KEYLOCKING] P.2. LOCK KEY SHOULD BE DIFFERENT FROM THE CABINET/FASCIA KEY
Q. SECURITY CAMERA	Q.1. DIGITAL AND COLORED IMAGE MINIMUM OF ONE (1) MEGAPIXEL RESOLUTION Q.2. FACE OF THE ATM USER CAN BE VIEWED CLEARLY Q.3. WIDER RANGE OF CAPTURING IMAGE. THE CAMERA SHOULD BE ANGLED IN SUCH A WAY THE IMAGE OF THE ATM USER (4 TO 6 FEET IN HEIGHT) WILL BE CAPTURED FROM THE CHEST TO THE WHOLE FACE WHILE TRANSACTING IN A NORMAL POSITION. Q.4. DOWNLOADABLE TO DVD-R AND CD-R Q.5. CAN BE DOWNLOADED ANYTIME Q.6. PROMPT MESSAGE / ERROR WHEN CD IS FULL Q.7. SYNCHRONIZED TIME BETWEEN ELECTRONIC JOURNAL FILE AND TRANSACTION RECEIPT Q.8. CAPTURES AT LEAST THREE (3) CLIENT IMAGES: <ul style="list-style-type: none"> • FOR CASH WITHDRAWAL TRANSACTION - PIN ENTRY, CARD EJECTED AND CASH DISPENSED • FOR BALANCE INQUIRY, FUNDTRANSFER, BILLS PAYMENT AND CHANGE PIN TRANSACTIONS - CARD ENTRY, PIN ENTRY AND CARD EJECTED Q.9. IMAGES ARE ARCHIVED FOR 30 DAYS IN THE MACHINE Q.10. FIRST IN, FIRST OUT AUTO DELETION OF PICTURES / IMAGES Q.11. STORES IMAGES IN JPG FORMAT Q.12. COMPRESS/ZIP FOLDER AND PROTECTED BY PASSWORD. SHALL INCLUDE PASSWORD MAINTENANCE (EDIT MODULE) Q.13. ALERT / WARNING MESSAGES (SOLICITED AND UNSOLICITED) WHEN THE CAMERA MALFUNCTIONS CAN BE SENT/LOGGED AT ATM LEVEL, HOST, ATM MONITORING SCREEN AND ELECTRONIC JOURNAL) Q.14. SECURITY PASSWORD FOR COPYING AT THE MACHINE AND VIEWING OF PICTURES/IMAGES AT THE BRANCH'S PC
R. VAULT SECURITY	R.1. ELECTRONIC LOCK (DIGITAL) - HIGHLY SECURED R.2. MINIMUM OF 12 DIGITS COMBINATION (6 DIGITS PER COMBINATION - DUAL CONTROL) R.3. MUST NOT DISPLAY NUMERIC COMBINATION R.4. ELECTRONIC TRANSMISSION OF OPENING AND CLOSING OF ATM VAULT DOOR ACTIVITIES TO JOURNAL AND HOST
S. CARD READER	S.1. MOTORIZED CARD READER S.2. TRACK 1 & 2 - READ ONLY S.3. TRACK 3 - READ & WRITE S.4. MAGNETIC STRIPE FACING DOWNWARD S.5. EMV CERTIFIED. ANY NECESSARY UPDATES ON EMV COMPLIANCE OR REQUIREMENTS WITHIN THE 5-YEAR CONTRACT PERIOD SHALL BE FOR THE ACCOUNT OF THE VENDOR. THE ATM SHALL ACCEPT BOTH EMV AND MAGNETIC STRIPE CARDS. THE EMV KERNEL UPGRADE SHALL BE FOR THE ACCOUNT OF THE VENDOR WHILE THE FIMME CERTIFICATION SHALL BE FOR THE ACCOUNT OF THE BANK S.6. ELECTRONIC TRANSMISSION OF READ ERRORS TO NETWORK S.7. RETURN CARD ON POWER FAILURE S.8. ANTI-CARD FRAUD FEATURE (FOR CARD SKIMMING AND LEBANESE LOOP) SOFTWARE AND HARDWARE (ANTI-SKIMMING) S.9. AUTOMATIC DETECTION IF THERE ARE BLOCKAGE IN THE CARD READER BEZEL DURING IDLE PERIOD S.10. PUT THE MACHINE IN UNAVAILABLE MODE IF BLOCKAGE WERE DETECTED S.11. CHECK CARD READER BEZEL, IF NO BLOCKAGE WERE DETECTED, PUT THE MACHINE IN ONLINE MODE S.12. WITH ENHANCED CARD READER BEZEL INSTALLED S.13. SHALL DETECT SKIMMING DEVICE INSTALLED ON THE CARD READER S.14. SHALL RELEASE CARD IMMEDIATELY UPON OCCURRENCE OF POWER FAILURE
T. POWER SUPPLY	T.1. AUTO VOLTAGE CAPABLE - 220 / 110 VAC (VOLT ALTERNATING CURRENT) T.2. FREQUENCY: 60 HERTZ T.3. SETTINGS BEFORE POWER INTERRUPTION SHOULD BE RETAINED T.4. THREE-PRONGED PLUG

U. RECEIPT [CONSUMER PRINTER]	U.1. THERMAL PRINTER
	U.2. SUPPORTS 25 CHARACTERS PER LINE
	U.3. SHALL COMPLY WITH THE BANK'S PRESCRIBED RECEIPT FORMAT
V. ATM HEIGHT REQUIREMENT	V.1 SHALL COMPLY WITH THE BANK'S PRESCRIBED ATM HEIGHT REQUIREMENT (DISPENSER, KEYPAD AND MONITOR) (SEE ANNEX A)
W. ACCESSORIES	W.1. COMMUNICATIONS CABLE (50 PCS OF THREE-METER LONG CAT-5 CABLE WITH RJ 45 ON BOTH ENDS) TO BE DELIVERED ALONG WITH THE MACHINE
X. OTHERS	X.2. CAPABLE TO RUN VIA TCP-IP
	X.3. PCI (PERIPHERAL COMPONENT INTERCONNECT)
	X.4. CARD RETRIEVE PROMPTER (LIGHT INDICATOR & BEEPER)
	X.5. BUILT-IN SPEAKERS (8 WATTS)
	X.6. USER'S / MANUAL FOR OPERATIONS, MONITORING SYSTEM/TOOL, REMOTE ATM READING SYSTEM AND BROWSER
	X.7. WITH THE FOLLOWING CAPABILITIES:
	X.7.1. ELECTRONIC JOURNAL (EJ) CAN BE EXTRACTED THRU TCP/IP
	X.7.2. FACILITY TO PERFORM REMOTE ATM SELF DIAGNOSTICS
	X.8. UPON PAYMENT OF THE NON-REFUNDABLE BIDDING FEE, BIDDER(S) MAY OPT TO DELIVER A TEST UNIT FOR THE CONDUCT OF CONNECTIVITY TESTING. CONNECTIVITY TEST INCLUDES FIVE (5) BASIC TRANSACTIONS: BALANCE INQUIRY, WITHDRAWAL, FASTCASH, FUND TRANSFER AND PAYMENT. THE ISSUANCE OF A CERTIFICATE OF CONNECTIVITY BY LBP-CAMD SHALL START FROM THE DATE WHEN THE INVITATION TO BID (ITB) IS FIRST PUBLISHED UP TO THE LAST DAY OF POST-QUALIFICATION PERIOD.
X.9. SHOULD SUBMIT BROCHURES/ PICTURE AND DIMENSION/ WEIGHT OF THE ACTUAL ATM MODEL AS PART OF BID DOCUMENTS.	
Y. SYSTEM INTEGRATION TESTING/USER ACCEPTANCE TEST	Y.1. THE SYSTEM INTEGRATION TESTING (SIT) IF NEEDED, SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS UPON RECEIPT OF PURCHASE ORDER. PENALTY FOR NON-COMPLIANCE WILL BE 1/10 OF 1% OF THE TOTAL ACQUISITION COST (VAT INCLUSIVE) PER DAY.
	Y.2. THE USER ACCEPTANCE TESTING (UAT) AND PROGRAMMING SHOULD BE COMPLETED WITHIN 90 CALENDAR DAYS UPON ISSUANCE OF SIT CERTIFICATE. PENALTY FOR NON-COMPLIANCE WILL BE 1/10 OF 1% OF THE TOTAL ACQUISITION COST (VAT INCLUSIVE) PER DAY
	Y.3. THE WINNING BIDDER SHALL DELIVER ONE (1) TEST UNIT FOR UAT TO LBP-HEAD OFFICE WITHIN SEVEN (7) CALENDAR DAYS UPON RECEIPT OF P.O.
	Y.4. THE WINNING BIDDER SHALL PROVIDE TECHNICAL SUPPORT DURING THE DURATION OF UAT
Z. DELIVERY AND PAYMENT TERMS	Z.1. ATMs SHALL BE DELIVERED AND INSTALLED, IF APPLICABLE, TO SITE AND/OR MOTHER BRANCH
	Z.2. DELIVERY SHALL BE IN TWO (2) BATCHES, 25 UNITS FOR EACH BATCH <ul style="list-style-type: none"> • THE 1ST AND 2ND BATCHES SHALL BE READY FOR DELIVERY WITHIN 90 CALENDAR DAYS UPON RECEIPT OF NOTICE TO PROCEED AND ADVICE FROM CAMD • UNITS WHICH REMAIN UNDELIVERED AFTER SIX MONTHS RECKONED FROM DATE OF FIRST DELIVERY FROM EACH BATCH CALLED-OUT, SHALL BE RECEIVED BY CAMD. THE UNITS, HOWEVER, SHALL STILL BE SAFEKEPT AT THE VENDOR'S WAREHOUSE FOR ADDITIONAL PERIOD OF THREE (3) MONTHS AT NO COST TO THE BANK. • UPON RECEIPT OF NOTICE TO DELIVER, THE VENDOR SHALL DELIVER THE UNIT(S) AS SPECIFIED OR WITHIN FIVE (5) BANKING DAYS IF THE DESTINATION IS VIA LAND TRAVEL ONLY, WHILE FIFTEEN (15) BANKING DAYS IF THE DESTINATION IS VIA LAND AND SEA TRAVEL
	Z.3. PENALTY FOR NON-COMPLIANCE WILL BE 1/10 OF 1% OF THE TOTAL VALUE OF THE UNDELIVERED ITEM FOR EVERY DAY OF DELAY
	Z.4. AMOUNT OF P5,000.00 PER DAY FOR UNSUCCESSFUL ACTIVATION/INSTALLATION ARISING DUE TO UNAVAILABLE/DEFECTIVE HARDWARE/PARTS/SOFTWARE (INCLUDING BROWSER), LATE ARRIVAL OF MORE THAN TWO (2) HOURS ON THE SCHEDULED TIME/DATE OR TOTALLY NON-APPEARANCE OF THE SERVICE ENGINEER
	Z.5. PAYMENT TERMS: UNIT COST NET OF P5,000 FOR THE INSTALLATION/ACTIVATION
AA. BENCHMARK	AA.1. SPEED OF NORMAL TRANSACTIONS MUST BE THE FF: (STANDARD LBP NETWORK CONFIGURATION)
	AA.2. 10 SECONDS OR LESS FOR BALANCE INQUIRY (FROM PIN ENTRY TO BALANCE DISPLAY)
	AA.3. 14 SECONDS OR LESS FOR WITHDRAWAL TRANSACTION (FROM PIN ENTRY TO CASH PRESENTMENT)

2021 LANDBANK ATM Specifications	
SOFTWARE COMPONENTS AND SETTINGS	SPECIFICATION DETAILS
FEATURES	As of April 5, 2021
A. GENERAL REQUIREMENTS	
A.1. LICENSE & INSTALLATION	A.1.1. ALL SOFTWARE MUST BE LICENSED AND PRELOADED ((e.g. OPERATING SYSTEM, DATABASE, APPLICATION SOFTWARE, ATM PLATFORM, COMPENSATING CONTROL TOOLS, WHITELISTING, ANTI-SKIMMING SOLUTION AND COMPRESSION UTILITIES, TLS VERSION 1.2 OR HIGHER, END POINT PROTECTION AND ANTI-MALWARE (FIREWALL))
	A.1.2. ALL APPLICABLE LICENSE RENEWALS/UPGRADES (e.g. TERMINAL SOFTWARE, KERNEL, ATM PLATFORM CURRENTLY INSTALLED IN THE ATM) MUST BE COVERED BY THE VENDOR INCLUDING ITS INSTALLATION ON THE ATMS FOR FIVE (5) YEARS AFTER THE DATE OF INSTALLATION
	A.1.3. IN CASE THE NEW/UPGRADED SOFTWARE REQUIRES HARDWARE REPLACEMENT, SUCH REPLACEMENT SHALL BE PROVIDED BY THE VENDOR WITHOUT ADDITIONAL COST TO THE BANK FOR FIVE (5) YEARS AFTER THE DATE OF INSTALLATION.
	A.1.4. INSTALLATION SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: OPERATING SYSTEM, DATABASE, APPLICATION SOFTWARE, COMPENSATING CONTROL TOOLS INCLUDING WHITELISTING, INTRUSION PROTECTION (IP), HARD DISK ENCRYPTION (HDE), ANTI-SKIMMING SOLUTIONS, COMPRESSION UTILITIES, TLS VERSION 1.2 OR HIGHER AND END POINT PROTECTION/ANTI-MALWARE (FIREWALL).
	A.1.5. THE VENDOR SHALL PROVIDE AN ATM SECURITY DASHBOARD/CONSOLE TO MONITOR THAT ALL SECURITY REQUIREMENTS (e.g. WHITELISTING, IP AND HDE) ARE IN PLACE. THE SERVER SHALL BE PROVIDED BY THE BANK.
	A.1.6. THE VENDOR SHALL QUARTERLY UPDATE LANDBANK AND SEEK APPROVAL ON ALL LATEST ATM SOFTWARE RELATED UPDATES.
B. SYSTEM SOFTWARE	
B.1. OPERATING SYSTEM	B.1.1. WINDOWS 10 OR ANY HIGHER VERSION. IN CASE OF END OF SUPPORT FROM SOFTWARE PROVIDER, UPGRADE OR CHANGE OF OPERATING SYSTEM AND ALL OTHER RELATED COMPONENTS INCLUDING ITS ROLL-OUT/IMPLEMENTATION SHALL BE FOR THE ACCOUNT OF THE VENDOR, SUBJECT TO LBP APPROVAL. THIS IS APPLICABLE FOR THE DURATION OF THE FIVE-YEAR CONTRACT
	B.1.2. TIME MUST BE AUTOMATICALLY SYNCHRONIZED WITH HOST TIME AND DATE
	B.1.3. PRELOADED INTEGRATED COMMUNICATIONS SOFTWARE APPLICABLE FOR TCP/IP
	B.1.4. PRELOADED WITH ETHERNET LAN CARD SOFTWARE DRIVERS
C. APPLICATION SOFTWARE	
C.1. MESSAGE TO / FROM HOST	C.1.1. SHALL BE PCI-PA-DSS CERTIFIED
	C.1.2. SHALL BE CAPABLE TO RUN USING DIEBOLD 912 AND NDC MESSAGE FORMATS
	C.1.3. SEND ATM MESSAGE TO HOST ON VAULT ACTIVITIES
	C.1.4. SEND ATM MESSAGE TO HOST ON HARDWARE RELATED ERRORS
	C.1.5. SUPPORT REMOTE HOST DOWNLOADING OF MASTER KEYS (HARDWARE READY)
	C.1.6. SUPPORT SENDING OF ATM MESSAGE FOR STATUS OF ANTI-SKIMMING DEVICE/MODULE IN CASE OF MALFUNCTION
	C.1.7. SUPPORT SENDING OF ATM MESSAGE FOR STATUS OF CONSUMABLE SUPPLY COUNTERS TO HOST, (RETRIEVE/SET OPERATIONAL COMMAND MESSAGE)
	C.1.8. THE ATM APPLICATION SHOULD ALWAYS BE ACTIVE AND SHOULD AUTO CONNECT TO THE HOST AND ATM MONITORING TOOL UNTIL ONLINE STATUS
C.2. LOCAL SETTINGS	C.2.1. CUSTOMIZATION IMAGE(CI) RETAINED AFTER POWER INTERRUPTION
	C.2.2. ALL SOFTWARE SETTINGS RETAINED AFTER POWER INTERRUPTION
C.3. DIGITAL IMAGE CAPTURE	C.3.1. CAPTURES AT LEAST THREE (3) CLIENT IMAGES <ul style="list-style-type: none"> • FOR CASH WITHDRAWAL TRANSACTION - PIN ENTRY, CARD EJECTED AND CASH DISPENSED • FOR BALANCE INQUIRY, FUND TRANSFER, BILLS PAYMENT AND CHANGE PIN TRANSACTIONS - CARD ENTRY, PIN ENTRY AND CARD EJECTED
	C.3.2. CAPTURES IMAGES EVERY FIVE (5) MINUTES DURING IDLE PERIOD (NO TRANSACTION)

C.3. DIGITAL IMAGE CAPTURE	C.3.3. IMAGES ARE DATE AND TIME STAMPED AND CROSS REFERENCED WITH THE FOLLOWING DETAILS: DATE, TIME, TERMINAL ID, TERMINAL NAME, TRANSACTION TYPE, ACCOUNT TYPE, SEQUENCE NUMBER, TOTAL BALANCE, AVAILABLE BALANCE, AND ERROR	
	C.3.4. STORES IMAGES IN JPG FORMAT	
	C.3.5. IMAGES ARE ARCHIVED FOR 30 DAYS IN THE MACHINE. AUTO DELETION OF IMAGES BEYOND 30 DAYS	
	C.3.6. DIGITAL AND COLORED IMAGE MINIMUM OF ONE (1) MEGAPIXEL RESOLUTION	
	C.3.7. DOWNLOADABLE TO THE DVD-R AND CD-R	
	C.3.8. SYNCHRONIZED TIME BETWEEN ELECTRONIC JOURNAL FILE AND TRANSACTION RECEIPT	
	C.3.9. COMPRESS/ZIP FOLDER AND PROTECTED BY PASSWORD. SHALL INCLUDE PASSWORD MAINTENANCE (EDIT MODULE)	
	C.3.10. ALERT / WARNING MESSAGES (SOLICITED AND UNSOLICITED) WHEN THE CAMERA MALFUNCTIONS CAN BE SENT/LOGGED AT ATM LEVEL, HOST, ATM MONITORING TOOL AND ELECTRONIC JOURNAL)	
	C.3.11. REQUIRES SECURITY PASSWORD WHEN COPYING AND VIEWING PICTURES/IMAGES AT THE MACHINE	
	C.4. TERMINAL PROGRAMMING, SCREEN / ICON EDIT	C.4.1. SHALL SUPPORT THE FOLLOWING PICTURE FILE FORMATS: A. JPEG B. GIF
		C.4.2. SHALL BE ABLE TO CUSTOMIZE SCREENS VIA DVD/CD / AUTOEXEC.BAT AND REMOTE UPDATE
C.4.3. SHALL SUPPORT DISPLAY OF TEXT/INFORMATION FROM THE HOST AND ATM MONITORING TOOL		
C.4.4. SHALL SUPPORT THE FOLLOWING MULTI-MEDIA FILES: A. MP3 B. AVI C. MPEG		
C.4.5. UTILITY FOR ADDING / MAINTAINING ATM SCREENS		
C.4.6. ACTIVATE SECURITY OF BIOS		
C.5. EMV REQUIREMENT		C.5.1. THE ATM SHALL ACCEPT BOTH EMV AND MAGNETIC STRIPE CARDS. INSTALLATION, ACTIVATION AND ENABLING OF NECESSARY UPDATES ON EMV COMPLIANCE OR REQUIREMENTS WITHIN THE 5-YEAR CONTRACT PERIOD SHALL BE FOR THE ACCOUNT OF THE VENDOR. INSTALLATION MAY COINCIDE WITH THE PREVENTIVE MAINTENANCE SCHEDULE. NOTE: SUCCEEDING SOFTWARE DEVELOPMENT AND PROFESSIONAL SERVICE SUPPORT SHALL BE ON A SEPARATE ENGAGEMENT
		D.1. ENCRYPTION
D.1.2. 3-DES ENCRYPTION OR ADVANCED ENCRYPTION STANDARD (AES) - 256 COMPLIANT (FOR BOTH HARDWARE AND SOFTWARE)		
D.1.3. SHALL SUPPORT MESSAGE AUTHENTICATION CODE (MAC) FUNCTIONALITIES		
D.1.4. DATA-AT-REST PROTECTION/DISK ENCRYPTION AND TRUSTED BOOT. THE SERVER SHALL BE PROVIDED BY THE BANK IN ACCORDANCE TO THE SPECIFICATIONS REQUIRED BY THE VENDOR		
E.1. ATM MAINTENANCE/ SUPERVISOR FUNCTIONS	E.1.1. SHALL CONFORM WITH BASELINE REQUIREMENT FOR ID / PASSWORD HANDLING: A. USER ID 1) LBP ASSIGNED ID NUMBER OR AGREED ID CONVENTION/FORMAT FOR SPECIFIC SYSTEM 2) MINIMUM OF 4 AND MAXIMUM OF 16 ALPHANUMERIC (ALPHA, NUMERIC OR COMBINATION OF BOTH) CHARACTERS 3) NOT CASE SENSITIVE	

E.1. ATM MAINTENANCE/ SUPERVISOR FUNCTIONS	B. PASSWORD
	1) MINIMUM OF 8 ALPHA AND NUMERIC CHARACTERS
	2) MUST NOT CONTAIN THREE CONSECUTIVE CHARACTERS
	3) CASE SENSITIVE
	4) MASKED
	5) ADMIN ID CAN ADD, DELETE AND MODIFY OTHER USER IDs
	6) ALL USERS MAY CHANGE PASSWORD ANYTIME EXCEPT FOR LOCK OUT
	7) SHALL AUTOMATICALLY EXPIRE AFTER NINETY (90) DAYS. THE ATM, THRU ITS MAINTENANCE MENU, SHALL INFORM THE USER AT LEAST 15 DAYS PRIOR TO PASSWORD EXPIRATION. IN THE EVENT THE PASSWORD WAS NOT CHANGED PRIOR TO EXPIRATION, THE MAINTENANCE MENU MAY ONLY BE ACCESSED BY CHANGING THE PASSWORD.
	8) MINIMUM OF THREE PREVIOUS PASSWORDS USED
	9) AUTOMATIC LOCK/SUSPEND/REVOKE ON MAXIMUM OF THREE UNSUCCESSFUL ATTEMPTS PER DAY AND REVERT THRU ADMIN
	10) AUTOMATIC LOCK/LOG-OFF ON A MAXIMUM OF 15 MINUTES OF INACTIVITY
	11) DEFAULT PASSWORD SHALL BE CHANGED ON INITIAL LOG-IN
	C. USER ID AND PASSWORD DATABASE SHALL BE ENCRYPTED
	E.1.2. SHALL INCLUDE PER CASSETTE TOTALS AND TOTAL AMOUNT OF ALL CASSETTES INCLUDING DIVERT CASSETTES IN THE TERMINAL READING RECEIPTS
E.1.3. ALL MAINTENANCE ACTIVITIES SHALL BE LOGGED AT THE ELECTRONIC JOURNAL & HOST	
F.1. REMOTE ATM READING SYSTEM AND REMOTE RESTART CAPABILITY	F.1.1. THE SERVICE PROVIDER SHALL PROVIDE REMOTE ATM READING SYSTEM WITH REMOTE RESTART FUNCTIONALITY. DELIVERY SHALL BE WITHIN SIX MONTHS AFTER START OF UAT OR SHALL PERFORM REMOTE READING AND REMOTE MAINTENANCE USING THE BANK'S ATM MONITORING TOOL AT NO ADDITIONAL COST TO THE BANK. NOTE: SUCCEEDING SOFTWARE DEVELOPMENT AND PROFESSIONAL SERVICE SUPPORT SHALL BE ON A SEPARATE ENGAGEMENT
F.2. SOFTWARE DISTRIBUTION CAPABILITY	F.2.1. THE SERVICE PROVIDER SHALL PROVIDE A SOFTWARE DISTRIBUTION APPLICATION THAT WILL ALLOW USER TO REMOTELY DEPLOY AND RUN/EXECUTE APPLICATION SOFTWARE UPDATES/UPGRADES/PATCHES/HOT FIXES TO THE MACHINE
G.1. ELECTRONIC JOURNAL	G.1.1. CAPABLE TO LOG NUMBER OF BILLS RETRACTED
	G.1.2. SHALL COMPLY WITH THE BANK'S STANDARD RECONCILIATION SYSTEM FORMAT (SHALL BE PROVIDED TO THE WINNING BIDDER ONLY)
	G.1.3. REFER TO THE ATTACHED MINIMUM REQUIREMENTS (SHALL BE PROVIDED TO THE WINNING BIDDER ONLY)
	G.1.4. LOGGING AND BROWSE FACILITY WITH DATE ENCRYPTION/PROTECTION
	G.1.5. CAPABLE TO SEARCH DATE AND TIME FROM THE TRANSACTION LOGS AT THE ATM LEVEL
	G.1.6. UPLOAD FACILITY TO HOST VIA TCP-IP
	G.1.7. SHALL SUPPORT DOWNLOAD TO DVD-R AND CD-R
	G.1.8. ALL UTILITIES MUST BE LICENSED AND PRELOADED
	G.1.9. THE SERVICE PROVIDER SHALL PROVIDE THE ELECTRONIC JOURNAL BROWSER AND BE INSTALLED BY THE VENDOR'S ENGINEER IN THE BACKROOM COMPUTER OF THE BRANCH DURING ATM ACTIVATION

LAND BANK OF THE PHILIPPINES
As of April 5, 2021

OTHER REQUIREMENTS

1. PARTICIPATION TO THE BANK'S CONDUCT OF FIRST LEVEL MAINTENANCE (FLM) ANNUAL TRAINING TO ALL BRANCHES. THE VENDOR SHALL INCLUDE PROVISION OF INSTRUCTIONAL KIT (VIDEO) COVERING FLM ACTIVITIES.
2. FOR CURRENT AND PAST SUPPLIERS OF AUTOMATED TELLER MACHINE (ATM) OF LANDBANK, THEY MUST HAVE SATISFACTORY PERFORMANCE IN THEIR DEALINGS WITH LANDBANK FOR THE PAST TWELVE (12) MONTHS RECKONED FROM THE DATE OF ISSUANCE OF THE CERTIFICATE OF SATISFACTORY PERFORMANCE. THE CERTIFICATE OF SATISFACTORY PERFORMANCE SHALL BE ISSUED BY THE HEAD OF CARDS AND ATM MANAGEMENT DEPARTMENT (CAMD) NOT EARLIER THAN 30 CALENDAR DAYS PRIOR TO THE DEADLINE OF SUBMISSION OF BID. THE CERTIFICATE SHALL STILL BE SUBJECT TO VERIFICATION DURING THE POST-QUALIFICATION OF BID.

NOTE: THE CERTIFICATE OF SATISFACTORY PERFORMANCE SHALL BE REQUESTED IN WRITING FROM THE HEAD OF CAMD AND CAN BE SENT THROUGH EMAIL (AT ARLENEFRAQUEDAN@GMAIL.COM, ARAQUEDAN@MAIL.LANDBANK.COM, HGADALIM@YAHOO.COM AND HADALIM@MAIL.LANDBANK.COM) AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE SUBMISSION OF BID.
3. THE VENDOR SHOULD OBTAIN AN AVERAGE RATING OF AT LEAST SATISFACTORY PERFORMANCE FROM LBP BRANCHES (TO BE ISSUED BY THE HEAD-CAMD) COVERING BOTH HARDWARE AND AFTER SALES SERVICE OR SUBMIT A CERTIFICATE OF SATISFACTORY PERFORMANCE FROM AT LEAST THREE (3) OF EXISTING LOCAL BANK CLIENTS BELONGING TO THE TOP TEN BANKS IN TERMS OF ASSETS. IMPLEMENTATION OF THE SAME PROJECT TO ITS EXISTING LOCAL BANKS (TOP TEN IN TERMS OF ASSETS) SHALL BE OPERATIONAL FOR AT LEAST TWO (2) YEARS, NUMBER OF ATM UNITS MUST BE AT LEAST 50% OF THIS PROCUREMENT.
4. THE LOWEST CALCULATED BIDDER SHALL DELIVER ONE (1) UNIT AT LBP-HEAD OFFICE WITHIN 7 WORKING DAYS UPON RECEIPT OF NOTICE FROM CAMD FOR POST-QUALIFICATION EVALUATION.
5. THE BIDDER SHALL SECURE A CERTIFICATION OF CONNECTIVITY FROM LANDBANK. CONNECTIVITY SHALL COVER BASIC TRANSACTIONS (BALANCE INQUIRY, WITHDRAWAL, FUND TRANSFER AND PIN CHANGE).
6. SHALL SUBMIT THE FOLLOWING CERTIFICATIONS:
 - COMPLIANCE CERTIFICATE FROM PCI-PA-DSS
 - LATEST LEVEL 1 & 2 COMPLIANCE CERTIFICATE FROM EMV CO
7. SHALL SUBMIT NON-DISCLOSURE AGREEMENT SIGNED BY ALL SUPPORT PERSONNEL /SERVICE ENGINEERS.
8. THE BANK'S STANDARD CI DOWNLOAD SHALL BE PROVIDED TO THE WINNING VENDOR.
9. THE BANK SHALL APPROVE THE STANDARD ACKNOWLEDGEMENT FORM THAT WILL BE ISSUED BY THE VENDOR TO THE BANK'S RECIPIENT FOR SIGNATURE DURING THE DELIVERY OF ATM.
10. A CERTIFICATION ON THE CONDUCT OF TRAINING SIGNED BOTH BY THE SERVICE ENGINEER AND ATM IN-CHARGE/BRANCH REPRESENTATIVE SHALL BE SECURED DURING THE INITIAL ACTIVATION OF THE ATM. THIS DOCUMENT SHALL BE SUBMITTED TO CAMD IN ORDER TO FACILITATE THE PAYMENT OF THE MACHINE.
11. THE VENDOR SHALL ACCOMMODATE THE REQUIREMENT OF THE SUPPLIER OF ATM ACCESSORIES (e.g. WRAP-AROUND STICKER, TOPPER & METAL BASE), WHICH INCLUDES BUT NOT LIMITED TO THE FOLLOWING:
 - PROVISION OF WORK SPACE
 - TAKING OF PICTURES ON THE COMPLETED ATMS FOR REFERENCE PURPOSES
 - ASSISTANCE NEEDED IN ORDER TO PERFORM THE SUPPLY, DELIVERY AND INSTALLATION OF THE ABOVEMENTIONED ACCESSORIES AT THE ATM VENDOR'S WAREHOUSE
12. THE REQUIREMENTS IN THIS TOR SHALL BE PROVIDED WITH COST EQUIVALENT/ BREAKDOWN OF COST (e. g., MACHINE, HARDWARE MAINTENANCE, SOFTWARE MAINTENANCE, DELIVERY CHARGES, ETC.).

13. SHALL PROVIDE THE FOLLOWING CONSUMABLE/PARTS DURING THE FIVE-YEAR PERIOD* AT THE BID PRICE (UNIT COST) SUBMITTED:

NO.	ATM PART	ESTIMATED QUANTITY
1	ELECTRONIC PIN PAD	15
2	CURRENCY CASSETTE	120
3	POWER SUPPLY	15
4	CARD READER (EMV)	15
5	RECEIPT PRINTER	15
6	CPU	15
7	MONITOR	15
8	TOUCHSCREEN MODULE	15
9	DISPENSER MODULE (PICKER MODULE/ EXTRACTOR OR DISPENSER BOARD ONLY)	15
10	DIGITAL LOCK	15
11	FASCIA	15

* Subject to actual consumption and submission of monthly inventory report

14. SHALL COMPLY THE FOLLOWING QUALIFICATIONS AND DOCUMENTARY REQUIREMENTS

QUALIFICATION REQUIREMENTS	DOCUMENTARY REQUIREMENTS
1. HAS A COMPLETE SPECIFICATIONS OF THE OFFERED BRAND/MODEL OF ATMS	BROCHURES/PICTURES AND DIMENSION/WEIGHT OF THE ACTUAL ATM MODEL
2. FOR CURRENT AND PAST SUPPLIERS OF ATM OF LANDBANK, THEY MUST HAVE SATISFACTORY PERFORMANCE IN THEIR DEALINGS WITH LANDBANK FOR THE PAST TWELVE (12) MONTHS RECKONED FROM THE DATE OF ISSUANCE OF THE CERTIFICATE OF SATISFACTORY PERFORMANCE.	CERTIFICATE OF SATISFACTORY PERFORMANCE ISSUED BY THE HEAD OF CARDS AND ATM MANAGEMENT DEPARTMENT (CAMD) NOT EARLIER THAN 30 CALENDAR DAYS PRIOR TO THE DEADLINE OF SUBMISSION OF BID. THE CERTIFICATE SHALL STILL BE SUBJECT TO VERIFICATION DURING THE POST-QUALIFICATION OF BID. NOTE: THE CERTIFICATE OF SATISFACTORY PERFORMANCE SHALL BE REQUESTED IN WRITING FROM THE HEAD OF CAMD AND CAN BE SENT THROUGH EMAIL (AT ARLENEFRAQUEDAN@GMAIL.COM AND ARAQUEDAN@MAIL.LANDBANK.COM , HGADALIM@YAHOO.COM AND HADALIM@MAIL.LANDBANK.COM) AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE SUBMISSION OF BID.
3. HAS AN AVERAGE RATING OF AT LEAST SATISFACTORY PERFORMANCE FROM LANDBANK BRANCHES COVERING BOTH HARDWARE AND AFTER SALES SERVICES OR HAS RENDERED SATISFACTORY PERFORMANCE FROM AT LEAST THREE (3) EXISTING LOCAL BANK CLIENTS BELONGING TO THE TOP TEN (10) BANKS IN TERMS OF ASSETS. IMPLEMENTATION OF THE SAME PROJECT TO ITS EXISTING LOCAL BANKS (TOP TEN IN TERMS OF ASSETS) SHALL BE OPERATIONAL FOR AT LEAST TWO (2) YEARS, NUMBER OF ATM UNITS MUST BE AT LEAST 50% OF THIS PROCUREMENT.	CERTIFICATE OF SATISFACTORY PERFORMANCE ISSUED BY THE HEAD OF LANDBANK – CAMD COVERING BOTH HARDWARE AND AFTER SALES SERVICE OR CERTIFICATE OF SATISFACTORY PERFORMANCE FROM AT LEAST THREE (3) EXISTING LOCAL BANK CLIENTS BELONGING TO THE TOP TEN BANKS IN TERMS OF ASSETS.
4. THE BIDDER MUST BE COMPLIANT WITH PAYMENT CARD INDUSTRY PAYMENT APPLICATION DATA SECURITY STANDARDS (PCI-PA-DSS)	CERTIFICATE FROM PCI-PA-DSS
5. THE BIDDER MUST BE COMPLIANT WITH THE LATEST LEVEL 1 & 2 FROM EMVCO	LATEST LEVEL 1 & 2 COMPLIANCE CERTIFICATE FROM EMVCO.

6. HAS QUALIFIED, COMPETENT, AND HIGHLY TRAINED ATM SERVICE ENGINEERS:

- GRADUATE OF ENGINEERING, IT-RELATED OR TWO-YEAR IT-RELATED TECHNICAL COURSE.
- UNDERWENT AT LEAST TWO (2) MONTHS COMPREHENSIVE TRAINING ON ATM SERVICING WITH CERTIFICATION.
- WITH AT LEAST SIX (6) MONTHS ACTUAL EXPERIENCE ON ATM SERVICING.
- FAMILIAR WITH ALL THE PRELOADED SOFTWARE IN THE MACHINE.
- THE SERVICE ENGINEER SHOULD BE AN EMPLOYEE OF THE SUPPLIER AND NOT OUTSOURCED FROM A THIRD-PARTY SERVICE PROVIDER.

LIST AND RESUMES OF ATM SERVICE ENGINEERS

BILL OF QUANTITIES

Project: Supply, delivery and installation of Automated Teller Machines (ATMs) with 4-year maintenance services and spare parts

Item No.	Item Description	Quantity	Unit	Unit Cost	Total
	<i>Supply, delivery and installation of Automated Teller Machines (ATM) inclusive of 4-year maintenance services and spare parts</i>				
1.0	Thru-the-wall Type ATM	350	units	PhP _____	PhP _____
2.0	Lobby Type ATM	50	units	PhP _____	PhP _____
3.0	4-year Hardware and Software Maintenance Services	400	units	PhP _____	PhP _____
4.0	Spare Parts:				
	Electronic PIN Pad	15	units	PhP _____	PhP _____
	Currency Cassettes	120	units	PhP _____	PhP _____
	Power Supply	15	units	PhP _____	PhP _____
	Card Reader (EMV)	15	units	PhP _____	PhP _____
	Receipt Printer	15	units	PhP _____	PhP _____
	CPU	15	units	PhP _____	PhP _____
	Monitor	15	units	PhP _____	PhP _____
	Touchscreen Module	15	units	PhP _____	PhP _____
	Dispenser Module (Picker Module/Extractor or Dispenser Board only)	15	units	PhP _____	PhP _____
	Digital Lock	15	units	PhP _____	PhP _____
	Fascia	15	units	PhP _____	PhP _____
5.0	Delivery Charges				
	NCR	60	units	PhP _____	PhP _____
	North and Central Luzon	85	units	PhP _____	PhP _____
	South Luzon	85	units	PhP _____	PhP _____
	Visayas	85	units	PhP _____	PhP _____
	Mindanao	85	units	PhP _____	PhP _____
Total Cost (Inclusive of VAT)					PhP _____

Note: The Bidder shall fill in rates and prices for all items of the Bill of Quantities. Bid not addressing of providing all of the required items in the Bill of Quantities shall be considered non-responsive and, thus, automatically disqualified. In this regards, where a required item is provided, but no price is indicated, the same shall be considered as non-responsive, but specifying a "0" (zero) for the said item would mean that it is being offered for free.

Submitted by:

Name of Bidder/ Supplier

Signature Over Printed Name of Authorized Representative

Position

Revised Annex F