# UCO BANK
## Department of Information Technology

### Request for Proposal (RFP) for Procurement of 300 Cash Recycler Machines
### RFP REF No: DIT/BPR & BTD/OA/3456/2020-21 Date: 01/03/2021
### Amendments, Addendums and Corrigendum's

## SCOPE OF WORK (PART-IV)

| Sl No | Existing Clause | Modified Clause |
|---|---|---|
| 1.32 | The Successful bidder should provide end to end solution and implementation, including server/switch application component (without any additional cost to the Bank) suitable for visually challenged persons (with audio support) for all above Cash Recycler in English, Hindi, Regional languages. The Cash Recycler should have Voice Guidance flow enabled for the visually challenged along with Text to Speech, web extension services, EPP/functional keys based voice guidance support with internal speakers & jack. The Successful bidder should also participate in the testing and end to end implementation and rollout without any additional cost to the Bank. The Successful bidder shall undertake complete end-to-end installation & operationalization of Cash Recycler including integration with switch. The cash recycler machine should include all features including Braille keyboards, FDKs that supports visually, physically handicapped persons. | The Successful bidder should provide end to end solution and implementation, including server/switch application component (without any additional cost to the Bank) suitable for visually challenged persons (with audio support) for all above Cash Recycler in English, Hindi, Regional languages (**Whenever regional language service will be available in the market bidder has to implement the same without any additional cost to the Bank**). The Cash Recycler should have Voice Guidance flow enabled for the visually challenged along with Text to Speech, web extension services, EPP/functional keys based voice guidance support with internal speakers & jack. The Successful bidder should also participate in the testing and end to end implementation and rollout without any additional cost to the Bank. The Successful bidder shall undertake complete end-to-end installation & operationalization of Cash Recycler including integration with switch. The cash recycler machine should include all features including Braille keyboards, FDKs that supports visually, physically handicapped persons. |
| 6 (i) | All CRs have to be enabled for the visually impaired and physically challenged person as per RBI instructions. At all locations the Successful Bidder has to implement the Biometric features | All CRs have to be enabled for the visually impaired and physically challenged person as per RBI instructions. **Machine should have capability to implement the Biometric features (Aadhaar Enabled).** The implementation |

| | (Aadhaar Enabled). The implementation includes the finger-print registration process at the CR and the customized transaction processing. The finger-print registration should have the capability to capture three finger-prints and transmit the biometric data to the switch centre over the wide area network, in ANSI 378 template form. Since the biometric authorization system at the switch centre would have the capability of processing any combination of three finger-prints from the biometric authorization server, the biometric CR should enable capture of three fingerprints without resulting in the transaction getting timed out. Biometric CRs should recognize the Biometric card and accordingly display the screen/voice prompts. Biometric CR should accept normal PIN based Debit cards as well as Biometric cards. It will be the responsibility of the Successful Bidder to provide customization, if any, for enabling centralized authentication through biometric authentication server at the Bank's existing switch centre. Finger print registration will be done by the branch | includes the finger-print registration process at the CR and the customized transaction processing. The finger-print registration should have the capability to capture three finger-prints and transmit the biometric data to the switch centre over the wide area network, in ANSI 378 template form. Since the biometric authorization system at the switch centre would have the capability of processing any combination of three finger-prints from the biometric authorization server, the biometric CR should enable capture of three fingerprints without resulting in the transaction getting timed out. Biometric CRs should recognize the Biometric card and accordingly display the screen/voice prompts. Biometric CR should accept normal PIN based Debit cards as well as Biometric cards. It will be the responsibility of the Successful Bidder to provide customization, if any, for enabling centralized authentication through biometric authentication server at the Bank's existing switch centre. Finger print registration will be done by the branch |
|---|---|---|
| **6(ii)** | It should be voice enabled and **biometric** features should be enabled. The CR must be suitable for wheel chair based operation / for the visually impaired. | Voice enabled features should be enabled in the CR. The CR must be suitable for wheel chair based operation / for the visually impaired. |

## FUNCTIONAL SPECIFICATION (ANNEXURE –XX)

| SL No | Existing Clause | Modified Clause |
|---|---|---|
| 27 | Support Biometric Based Authentication API v2.0 specifications (as stated by UIDAI). Additional changes required to support later revisions to be provided at no cost to the bank. | **Clause stands deleted** |
| 60 | Support Biometric based Registration | **Clause stands deleted** |
| 71 | Should be capable of Audio guidance in all the three languages. (The required WAV files to be provided by the bank). | Should be capable of Audio guidance in all the three languages. (**The required WAV files will be provided by the bank,** |

| | | however if any changes/modification required in WAV file, the same should be done by successful bidder at their end). |
|---|---|---|
| **72** | Should support both pin based **and biometric** authorization of transactions | Should support both pin based authorization of transactions |

## TECHNICAL SPECIFICATION (ANNEXURE-XXI)

| SL No | Existing Clause | Modified Clause |
|---|---|---|
| 1.1 | 6th Generation Intel® Core™ i3 Processor or higher with minimum 2.9 GHz and 3 MB cache or above | **4th Generation** Intel® Core™ i3 Processor or higher with minimum 2.9 GHz and 3 MB cache or above |
| 3.11 | Cash recycler shall support biometric authentication capability with finger –print reader as per Aadhaar specifications. The Cash recycler should support Bio-metric functions and integrated with the Bank's Biometric solution and UIDAI certified solution (Aadhaar) without any additional cost to the Bank. | Cash recycler should have biometric functions integration capability |
| 3.12 | Should be UIDAI certified device for biometric capture and authentication. On expiry of certificate, it should be replaced with valid certificate at no additional cost to the Bank. | **Clause stands deleted** |
| 3.13 | Support Biometric Based Authentication APIv2.0 specifications (should be UIDAI certified biometric device for biometric capture and authentication). On expiry of certificate, it should be replaced with valid Certificate at no additional cost to the bank. | **Clause stands deleted** |
| 3.14 | Secure Biometric scanner that supplies the finger print data to the ATM switch. The Biometric Scanner should be of good quality capable of accepting finger scans in one go and should be STQC certified and compatible with AEPS & Aadhaar specifications. | **Clause stands deleted** |
| 3.15 | CR should accept deposits using any Bank's Debit / Credit cards, without cards, using Aadhaar based authentications, **with biometric, using Voice authentication** using QR code reading also. Cash Recyclers should recognize the Chip cards which includes EMV Cards, **Biometric** | CR should accept deposits using any Bank's Debit / Credit cards, without cards, using Aadhaar based authentications, using QR code reading also. Cash Recyclers should recognize the Chip cards which includes EMV Cards, QR |

| | | |
|---|---|---|
| | **authentication**, QR code and accordingly display the screen, voice prompts. | code and accordingly display the screen, voice prompts. |
| 3.23 | CR should work using any Bank's Debit / Credit cards, without cards, using Aadhaar based authentications through biometric also. CR should recognize the Chip cards which includes EMV Cards, Biometric Authentication and accordingly display the screen, voice prompts. In future if Bar code or QR code is required by the Bank, vendor has to provide with required hardware /software at mutually agreed price | **Clause stands deleted** |
| 3.26 | The necessary technology/application/ hardware for supporting card based, card less and **biometric** transactions should be available ab-initio | The necessary technology/application/ hardware for supporting card based, card less transactions should be available ab-initio |
| 6.10 | Must support all types of transactions- card based, card less, contact less and **biometric** transactions. | Must support all types of transactions- card based, card less, contact less transactions. |
| 6.26 | Cash Recycler should accept deposits using any Bank's Debit/Credit cards, without cards, using Aadhaar based authentications, **with biometric, using Voice authentication**, using Bar code reading and using QR code reading also. Cash Recyclers should recognize the Chip cards which includes EMV Cards, **Biometric authentication**, Bar code, QR code and accordingly display the screen, voice prompts | Cash Recycler should accept deposits using any Bank's Debit/Credit cards, without cards, using Aadhaar based authentications, using Bar code reading and using QR code reading also. Cash Recyclers should recognize the Chip cards which includes EMV Cards, Bar code, QR code and accordingly display the screen, voice prompts |
| 11.8 | Cash Recycler machine should have inbuilt internal battery for the protection from power surges or outages and also till the completion of current running transaction and the same should be recorded in EJ/Image. | Cash Recycler machine should have inbuilt internal battery for the protection from power surges or outages and also till the completion of current running transaction and the same should be recorded in EJ/Image.<br><br>**If the bidder does not have such functionality then it should be ensured that the same should be functional/ customized before first production go live of proposed Cash Recycler Machine.**<br><br>**In this regard, bidder has to provide an undertaking as per Annexure- XXXIV** |

**Undertaking by the bidder**

**To,**

**Deputy General Manager (DIT, BPR & BTD)**
**UCO Bank, Head Office,**
**Department of Information Technology**
**5th Floor, 3&4, DD Block, Sector-I**
**Salt Lake, Kolkata -700064**

Dear Sir,

**Ref: RFP for Procurement of 300 Cash Recycler Machines" (RFP Ref No. DIT/BPR & BTD/OA/3456/2020-21 Date: 01/03/2021**

We hereby undertake that:

A. Our Cash Recycler machine have inbuilt internal battery for the protection from power surges or outages and also till the completion of current running transaction.

**OR**

B. Our Cash Recycler machine does not have inbuilt internal battery for the protection from power surges or outages and also till the completion of current running transaction. If we are selected as L1 bidder in the above tender, we hereby confirm that the above feature will be made functional/ customized before first production go live of the proposed Cash Recycler Machine, without any cost to the Bank.  If same is not accomplished within provided timeline, Bank reserve the right to take necessary action deemed suitable against our company, as per RFP terms & conditions.

Dated this _____ day of _____ 2021

Signature

(Company Seal)
_____
In the capacity of
Duly authorized to sign bids for and on behalf of:

**(Strike out which is not applicable)**

**Date- 09.04.2021**
**Place- Kolkata**