**FD-RD Booking**

**API Specification Document**

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# This document needs to be completed by BSG & IT/Vendor for each Application /API.

# *Introduction*

API for booking Fixed and Recurring deposit accounts with RBL Bank.

*List of API*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | FD-RD Booking | API for booking Fixed and Recurring deposit accounts with RBL Bank. |

## API Name

## getFDRDOpenAccount

## Description

1. API for booking Fixed and Recurring deposit accounts with RBL Bank.

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

<https://apideveloper.rblbank.com/test/sb/fd-rd/open_account>

***Access Requirement***

## NA

## Request Parameters

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** | **Mandatory/Option** |
| TranID | Transaction Id | TranID | AN | MaxLength=16 | Transaction ID generated by consumer which is unique | M |
| Corp\_ID | Corporate Id | Corp\_ID | AN | MaxLength=20 | Unique ID assigned to each enrolled Corporate | M |
| Maker\_ID | Maker Id | Maker\_ID | AN | MaxLength=20 | Unique ID for request creator | NA |
| Checker\_ID | Checker Id | Checker\_ID | AN | MaxLength=20 | Unique ID for request checker | NA |
| Approver\_ID | Approver Id | Approver\_ID | AN | MaxLength=20 | Unique ID for request approver | NA |
| CustId | Customer ID | CustId | AN | <=20 | Customers Cust ID with RBL Bank | M |
| AcctId | Account no | AcctId | N | <=16 | Customers Account no. with RBL banks and mapped to Cust ID | M |
| SchmCode | Scheme Code | SchmCode | S | <=10 | Schemes mapped to customer | M |
| AcctCurr | Account Currency | AcctCurr | S | <=5 | INR | M |
| amountValue | Amount | amountValue | N | Min 500 Max 49999999 | Amount to be locked in FD or RD Schemes | M |
| currencyCode | Currency | currencyCode | S | <=5 | INR | M |
| Days | Days | Days | N | Min 0 Max 29 | No of Days for amount to be blocked | O |
| Months | Months | Months | N | Min 12 Max 240 | No of Months for amount to be blocked | M |
| AutoCloseOnMaturityFlg | Auto Closure on Maturity | AutoCloseOnMaturityFlg | S | "Y": Yes "N": No | Account status on Marurity | O |
| AutoRenewalflg | Auto Renewal Flag | AutoRenewalflg | S | "N": No "U": Unlimited "L": Limited | Renewal status on maturity | O |
| MaxNumOfRenewalAllwd | Max number of renewal allowed | MaxNumOfRenewalAllwd | N | Min 1 Max 999 |  | O |
| RenewalOption | Renewal Option | RenewalOption | S | 1 |  | O |

**Request Sample**

{

"TDAcctAddRequest": {

"Header": {

"TranID": "TRAN001",

"Corp\_ID": "MOBANK",

"Maker\_ID": "",

"Checker\_ID": "",

"Approver\_ID": "A001"

},

"Body": {

"CustId": "2000003",

"AcctId": "400000000005",

"SchmCode": "FD-RDPUB",

"AcctCurr": "INR",

"amountValue": "500",

"currencyCode": "INR",

"Days": "0",

"Months": "12",

"RenewalDtls": {

"AutoCloseOnMaturityFlg": "Y",

"AutoRenewalflg": "N",

"MaxNumOfRenewalAllwd": "",

"RenewalOption": ""

}

}

}

}

## Response Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Business Parameter Name** | **Description** | **Parameter Name** | **Parameter Type** | **Parameter Constraints** | **Comments** |
| TranID | Transaction Id | TranID | AN | MaxLength=16 | Transaction ID generated by consumer which is unique |
| Corp\_ID | Corporate Id | Corp\_ID | AN | MaxLength=20 | Unique ID assigned to each enrolled Corporate |  |  |  |
| Maker\_ID | Maker Id | Maker\_ID | AN | MaxLength=20 | Unique ID for request creator |  |  |  |
| Checker\_ID | Checker Id | Checker\_ID | AN | MaxLength=20 | Unique ID for request checker |  |  |  |
| Approver\_ID | Approver Id | Approver\_ID | AN | MaxLength=20 | Unique ID for request approver |  |  |  |
| AcctId | Account no | AcctId | N | <=16 | Customers Account no. with RBL banks and mapped to Cust ID |  |  |  |
| Status | Status | Status | S | Success/Failure | Status of the request |

## Response Sample

{"TDAcctAddResponse": {

"Header": {

"TranID": "TRAN001",

"Corp\_ID": "MOBANK",

"Maker\_ID": "",

"Checker\_ID": "",

"Approver\_ID": "A001"

},

"Body": {

"Status": "Success",

"AcctId": 759000265163

}

}

}

## Response Codes

|  |  |  |
| --- | --- | --- |
| **Response Stage** | **Response Code** | **Response Message** |
| SUCCESS |  |  |
| FAILURE |  |  |

## Error Codes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Error Code** | **Error Type** | **Short Message** | **Long Message** | **Correcting This Error** | **Error Type** |
| ER001 | Failure | Improper JSON Format | Improper JSON Format | NA | NA |
| ER002 | Failure | Schema Validation Failure | Schema Validation Failure | NA | NA |
| ER003 | Failure | Invalid CorpId | Invalid CorpId | NA | NA |
| ER004 | Failure | Technical Failure | Technical Failure | NA | NA |
| ER006 | Failure | Timeout Exception Occurred | Timeout Exception Occurred | NA | NA |
| ER007 | Failure | Other FI Error | Other FI Error | NA | NA |
| ER008 | Failure | Invalid Corporate Hierarchy | Invalid Corporate Hierarchy | NA | NA |
| ER013 | Failure | Duplicate Transaction Id | Duplicate Transaction Id | NA | NA |
| ER017 | Failure | Error Occurred While Calling Provider Service | Error Occurred While Calling Provider Service | NA | NA |
| ER018 | Failure | Error Occurred While Accessing The ESB Database | Error Occurred While Accessing The ESB Database | NA | NA |
| ER060 | Failure | No schemes mapped to the customer | No schemes mapped to the customer | NA | NA |
| ER061 | Failure | Customer details not found | Customer details not found | NA | NA |
| ER062 | Failure | Debit Account number not found | Debit Account number not found | NA | NA |
| ER063 | Failure | Customer contact number not found | Customer contact number not found | NA | NA |
| ER064 | Failure | Invalid Customer Details | Invalid Customer Details | NA | NA |
| ER065 | Failure | Amount value should be less than 49999999 | Amount value should be less than 49999999 | NA | NA |
| ER066 | Failure | Amount value should be greater than 500 | Amount value should be greater than 500 | NA | NA |
| ER067 | Failure | Deposit amount is greater than balance available, kindly rectify the same and submit your request again | Deposit amount is greater than balance available, kindly rectify the same and submit your request again | NA | NA |

# *Appendix*

Additional Validations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **FIXED DEPOSIT** | | | | | |
| AutoCloseOnMaturityFlg | **YES** | | **NO** | | |
| AutoRenewalflg | N | L | N | L | U |
| MaxNumOfRenewalAllwd | NA | 1-999 | NA | 1-999 | NA |
| RenewalOption | NA | M/C/P | NA | M/C/P | M/C/P |

|  |  |
| --- | --- |
| **RECURRING DEPOSIT** | **YES** |
| AutoCloseOnMaturityFlg | Y |
| AutoRenewalflg | N |

N - No

L - Limited

M – Maturity Amount

C – After Customers Consent

P – Principal Only