**FD-RD Modal Deposit**

**API Specification Document**

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

# *Introduction*

API for calculating maturity details of FD and RD basis schemes codes.

*List of API*

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Name** | **Description** |
| 1 | FD-RD Modal Deposit | API for calculating maturity details of FD and RD basis schemes codes. |

## API Name

getFDRDModelDeposit

## Description

1. API for calculating maturity details of FD and RD basis schemes codes.

## Transport protocol (SOAP / REST)

*REST*

## API Request URLs

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

***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 |
| depositType | Deposit Type | depositType | S | TDA/TUA | Type of Deposit | NA |
| depositDate | Deposit Date | depositDate | Date | yyyy-mm-dd | Data of Deposit | NA |
| flowType | Flow Type | flowType | S | I/N/B | Flow type | NA |
| amountValue | Amount Value | amountValue | N | >=500 <=49999999 | Deposit amount | NA |
| schmCode | Scheme Code | schmCode | AN | <=20 | Scheme Code mapped to customers account. | NA |
| pegFlag | Peg Flag | pegFlag | S | Y/N | Peg Flag | NA |
| Days | Days | Days | N | <=29 | Days for lock in period | NA |
| Months | Months | Months | N | Min 12  Max 240 | Months for lock in period | NA |

**Request Sample**

{

"modelDepositRequest": {

"Header": {

"TranID": "TRAN001",

"Corp\_ID": "MOBANK",

"Maker\_ID": "",

"Checker\_ID": "",

"Approver\_ID": "A001"

},

"Body": {

"depositType": "TDA",

"depositDate": "2016-12-16",

"flowType": "I",

"amountValue": "100000",

"schmCode": "FD-MIPAP",

"pegFlag": "Y",

"days": "0",

"months": "12"

}

}

}

}

## 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

## {"modelDepositResponse": {

## "Header": {

## "TranID": "1481892895451",

## "Corp\_ID": "MOBANK",

## "Maker\_ID": "",

## "Checker\_ID": "",

## "Approver\_ID": ""

## },

## "Body": {

## "Status": "Success",

## "brknPerdIntBase": 0,

## "brknPerdIntMthd": "",

## "compoundFreqPerd": {

## "days": 0,

## "months": 0

## },

## "currencyCode": "INR",

## "daysInAYear": 0,

## "depositAmount": {

## "amountValue": 100000,

## "currencyCode": "INR"

## },

## "depositDate": "2016-12-16",

## "depositPeriod": {

## "days": 0,

## "months": 12

## },

## "instlmntFreqPerd": {

## "days": 0,

## "months": 0

## },

## "interestAmount": {

## "amountValue": 7700,

## "currencyCode": "INR"

## },

## "interestMethod": "",

## "interestRate": 7.75,

## "leapYearAdjstmntDays": 0,

## "maturityAmt": {

## "amountValue": 0,

## "currencyCode": ""

## },

## "maturityDate": "2017-12-16",

## "monthsInAYear": 0,

## "pegFlag": "Y",

## "resultStr": 100000,

## "resultType": "M",

## "schemeDetails": {

## "schmCode": "FD-MIPAP",

## "schmType": "TDA"

## }

## }

## }}

## 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 |