

Proprietary & Confidential

#### PRODUCT DISCLOSURE STATEMENT

This Product Disclosure Statement ("Statement") has been prepared for and is sent to the Customer to provide the Customer with information about the Product and to assist the Customer with evaluation and assessment of suitability of the Product to the business requirements of the Customer.

THE STATEMENTS LIST OUT THE VARIOUS PRODUCTS OFFERED BY THE BANK TO ITS CUSTOMERS' AND THE DETAILS PROVIDED IN THIS STATEMENT ARE FOR THE GENERAL UNDERSTANDING OF THE CUSTOMER. THIS STATEMENT IS NOT A RECOMMENDATION OF THE PRODUCT BY THE BANK TO THE CUSTOMER. BASED ON THE COMMERCIAL NEEDS OF THE CUSTOMER, THE SUITABILITY AND APPROPRIATENESS OF THE PRODUCT WILL BE DISCUSSED WITH THE CUSTOMER.

Product **FX Option** 

Description of the **Product** 

This is an FX linked derivative product (the "Transaction"). This transaction allows the user to hedge exposure from future USD cashflows against USDINR exchange rate movements.

Upon purchase, the user pays the premium and holds the right but not the obligation to buy (sell) USD against INR at a pre agreed Strike Rate at the Settlement Date of the Transaction.

**Benefits** The transaction is suitable for users looking to hedge exposure arising from future USD cash flows against adverse USD/INR movements and still be able to participate in favorable moves in USD/INR.

> Buy USDINR Call (Put): Users with an underlying short (long) position in USDINR can hedge their exposure against INR depreciation (appreciation) above (below) Strike Rate, and can still participate in favorable movements below (above) Strike Rate

Sell USDINR Put (Call): Users (seller in this case) with an underlying short (long) position in USDINR are hedged against INR appreciation (depreciation) below (above) Strike Rate, and are compensated through premium. Users are not hedged against INR depreciation in this case.

Each transaction will be governed by and subject to the ISDA Master Agreement executed between the parties.

The contractual terms and conditions for each Transaction will be as determined between the parties to the transaction under the confirmation per transaction. The terms and conditions will include the spot rate for the transaction, forward exchange premium (or discount, as applicable), costs and fees applicable per transaction.

The product is directly affected by the changes in interest rate. The client can be adversely affected by the impact of change in interest rates on the market value of the transaction.

**Terms and Conditions** 

Risks



Proprietary & Confidential

# **CONTRACT TERMS AND CONDITION**

Party A : Credit Suisse AG, acting through its Mumbai Branch

Party B : [●]

Buyer : [●] Party B

Seller : [●] Party A

Trade Date : [●]

Effective Date : [•]

**Expiration Date** : [●], subject to adjustment in accordance with the Business Day Convention.

Currency Option Style : European

Currency Option Type : [●] INR Put / USD Call

Call Currency and Call Currency Amount

[•] USD xxxx

Put Currency and Put Currency Amount

[•] INR xxxx

Strike Price : [●]

Automatic Exercise : Applicable

Settlement Date : [●], subject to adjustment in accordance with the Business Day Convention.

**Premium** 

Premium Amount Payer : [●] Party B

**Premium Amount** : [●] ( or In respect of each Premium Date, as set out in Appendix 1)

Premium Payment Date : on [•] (or Each scheduled Premium Payment Date as set out in Appendix 1), subject to

adjustment in accordance with the Business Day Convention.

Spot Delta Rate : [●]



Proprietary & Confidential

# **Other Terms and Conditions**

Business Day Convention : [●]

**Business Days for** 

Expiration and : [•]

**Settlement Day** 

**Business Days for** 

Premium Payments : [•]

Calculation Agent : Party A

Governing Law : English

The Transaction will governed by and subject to the ISDA Master Agreement (including

Documentation the Schedule, any Credit Support Annex, individual Confirmation for this Transaction and

any amendments to the foregoing documents) executed between Party A and Party B (the

"ISDA").

### **APPENDIX 1 – Premium**

Premium Payment Date	Premium Amount (in INR)
12 May 2020	10,154,265
12 August 2020	10,154,265
12 November 2020	10,154,265
12 February 2021	10,154,265
12 May 2021	10,154,265
12 August 2021	10,154,265
12 November 2021	10,154,265
14 February 2022	10,154,265
12 May 2022	10,154,265
12 August 2022	10,154,265
14 November 2022	10,154,265
13 February 2023	10,154,265
12 May 2023	10,154,265
14 August 2023	10,154,265
13 November 2023	10,154,265



# Proprietary & Confidential

12 February 2024	10,154,265
13 May 2024	10,154,265
12 August 2024	10,154,265
12 November 2024	10,154,265
12 February 2025	10,154,265



**Proprietary & Confidential** 

### FEATURES/ BUILDING BLOCKS OF THE PRODUCT

- USD interest rate swap curve
- INR MIFOR swap curve
- USD/INR spot exchange rate
- USD/INR FX implied volatility surface

This Transaction allows the user to hedge exposure from future USD cashflows against USDINR exchange rate movements.

Upon purchase, the user usually pays the premium upfront. User may also pay the premium at the expiry of the transaction, or on a deferred basis as a regular fixed rate coupon computed on the outstanding notional at pre-determined frequency during the life of the transaction. Upon selling, user (seller in this case) receives the premium.

This Transaction is suitable for users looking to hedge exposure arising from future USD cash flows against adverse USD/INR movements and still be able to participate in favorable moves in USD/INR.

The user is relying on the creditworthiness of the market maker. On the Settlement Date, the contractual Settlement Payments shall take place between user and the market maker, provided that the market maker is solvent.

#### Variations:

#### **Based on Option Type:**

- Call Option: Option buyer holds the right but not the obligation to buy USD against INR at a Strike Rate at the Expiration Date of the Transaction, for settlement on the Settlement Date
- **Put Option:** Option buyer holds the right but not the obligation to buy USD against INR at a Strike Rate at the Expiration Date of the Transaction, for settlement on the Settlement Date

### Based on option exercise style:

- **European Option**: Single pre-defined Settlement Date of the Transaction.
- American Option: Option buyer can choose to exercise on any Business Day during a pre- defined Exercise Period that consists of more than one day.

### PRODUCT ILLUSTRATION AND PAY-OFF

Example of hedging via USDINR Vanilla Call Option (European)

- Market maker is Party A, user is Party B
- Notional Amount: USD 1 million
   Effective Date: 02 January 2024
   Settlement Date: 02 July 2024 (6m)
- Strike Rate: 84.00
- Currency Option Type: USDINR Call
- User buys the option, and pays Premium (Upfront Amount) on Effective Date



Proprietary & Confidential

Case	<b>S</b> ^	Payoff	Net Profit (loss) in INR	Effective Exchange Rate
Hedged	90	<ul><li>Party B receives USD 1 Mio</li><li>Party B pays INR 84 Mio</li></ul>	USD 1mio * (90 – 84) = INR 6 Mio	84
Favorable FX movement	70	No Settlement	0	70

<sup>^</sup> S = USDINR Fixing Rate at Settlement Date

# Example of protection via USDINR Vanilla Put Option (European)

Market maker is Party A, user is Party B

Notional Amount USD 1 million
 Effective Date: 02 January 2024
 Settlement Date: 02 July 2024 (6m)

• Strike Rate: 84.00

Currency Option Type: USDINR Put

• User buys the option and payssss Premium (Upfront Amount) on Effective Date

Case	Ş٨	Payoff	Net Profit (loss) in INR	Effective Exchange Rate
Hedged	60	Party B pays USD 1 Mio     Party B receives INR 84 Mio	USD 1mio * (84 – 60) = INR 24 mio	84
Favorable FX movement	90	No Settlement	0	90

<sup>^</sup> S = USDINR Fixing Rate at Settlement Date

# Payoff of the transaction:

Call Strike: CK Put Strike: PK

USDINR Spot Rate at Settlement Date: S

For Buy Call / Put Option: On Effective Date, Party B Pays Premium (Upfront Amount) For Sell Call / Put Option On

Effective Date, Party B Receives Premium (Upfront Amount)

Option Type	On Expiration Date	Payoff (On Settlement Date)	
	Party B choses to exercises the option (S ≥ CK)	<ul> <li>Party B receives USD Notional</li> <li>Party B pays INR amount = USD Notional x CK</li> </ul>	
Buy Call	Party B does not exercise the option (S < C <sub>K</sub> )	No Settlement	
Buy Put	Party B choses to exercise the option ( $S \le PK$ )	<ul> <li>Party B pays USD Notional</li> <li>Party B Receives INR amount = USD Notional x PK</li> </ul>	



**Proprietary & Confidential** 

	Party B does not exercise the option (S > PK)	No Settlement	
Sell Call	Party A choses to exercise the option ( $S \ge CK$ )	<ul> <li>Party B pays USD Notional</li> <li>Party B Receives INR amount = USD Notional x CK</li> </ul>	
	Party A does not exercise the option (S < CK)	No Settlement	
Sell Put	Party A choses to exercise the option (S ≤ PK)	<ul> <li>Party B receives USD Notional</li> <li>Party B pays INR amount = USD Notional x PK</li> </ul>	
	Party A does not exercise the option (S > PK)	No Settlement	

#### Fees:

Unless stated otherwise in the termsheet or trade confirmation of the Transaction agreed with the user, the price that Party A quotes to its users is inclusive of any charges, costs etc. that Party A needs to bear in order to offer the Transaction to the user.

# **Early Exit:**

Similar to any OTC derivative transaction in case Party B wishes to terminate this Transaction, either in part of in full, prior to the scheduled termination date on any business day, Party B can request Party A to provide an early termination quote, which shall take into account the mid mark to market value of this Transaction from Party A's perspective minus applicable costs which include without limitation, unwind cost, hedging cost, cost of funding, and/or other expenses.

Early termination quote will take into account, among other factors, prevailing market rates, liquidity, price factors, Party A's hedging obligations and such other factors deemed relevant by Calculation Agent in its sole and absolute discretion.

Party B shall communicate to Party A whether they would like to proceed with the early termination/unwind and that early termination quote is accepted by Party B.

- a. If the early termination quote is greater than zero, Party B shall pay such amount to Party A.
- b. Else, Party A shall pay to counterparty the absolute value of the early termination quote.

For avoidance of doubt, upon the payment of early termination quote, this Transaction shall terminate and no further amounts payable by either parties.



**Proprietary & Confidential** 

# SENSITIVITY ANALYSIS - FOR ILLUSTRATIVE AND INFORMATION PURPOSES ONLY

A sensitivity analysis identifies the market parameters that affect the potential profit or loss to a party under a transaction. This section displays some (but not all) of the market parameters which may affect the transaction and is not exhaustive. As such, no representation or warranty is made as to the accuracy or completeness of the information provided, which shall not be treated as professional or investment advice. The key parameters that affect the value of this transaction are - INR OIS curve and Reference Obligation Price.

This sensitivity analysis illustrates the effect that changes in the level of INR OIS curve and Reference Obligation Price may have on the indicative Mark to Market of the transaction. This sensitivity analysis has been prepared based on assumptions and parameters that reflect good faith determinations. The assumptions and parameters used are not the only ones that might reasonably have been selected or that could apply in connection with the preparation of this sensitivity analysis. A variety of other or additional assumptions, parameters, market factors and other considerations could result in different indicative values of the transaction. Credit Suisse AG expressly makes no representation or warranty that any valuation indicated below will apply in the future. Although this sensitivity analysis is based upon materials, sources and systems believed by us to be reliable, Credit Suisse AG or its affiliates do not guarantee its accuracy or completeness in any way whatsoever.

This sensitivity analysis is not intended to, and does not necessarily; illustrate the effect that changes in the level of INR OIS curve or Reference Obligation Price may have on the actual Mark to Market of the Transaction. In fact, the below indicative values may be significantly different to the actual unwind price of the transaction at any given time, but are intended to merely provide some indication of the possible Mark to Market based on the selected assumptions and parameters set forth herein. interest rate swap curve.

### **SCENARIO ANALYSIS**

The following scenarios assume that only the variable under examination changes and all other variables remain constant.

- Annex-A1, where USD interest rate curve is changed and that all other variables remain constant.
- Annex-A2, where INR MIFOR swap curve is changed and that all other variables remain constant.
- Annex-A3, where USD/INR spot exchange rate is changed and that all other variables remain constant.
- Annex-A4, where USD/INR FX implied volatility surface is changed and that all other variables remain constant.

They indicate the mark to market of this Transaction, in USD. A positive value indicates that this Transaction is in the money for Party B and a negative valuation indicates that this Transaction is in the money for Party A.

# Annex-A1:

Parallel shift in USD interest rate swap curve	Indicative mark to market for client
5.00%	[•]
2.50%	[•]
1.00%	[•]
-1.00%	[•]
-2.50%	[•]
-5.00%	[•]



Proprietary & Confidential

### Annex-A2:

Parallel shift in INR MIFOR swap curve	Indicative mark to market for client
5.00%	[•]
2.50%	[•]
1.00%	[•]
-1.00%	[•]
-2.50%	[•]
-5.00%	[•]

#### Annex-A3:

USD/INR spot exchange rate	Indicative mark to market for client
20.00%	[•]
10.00%	[•]
5.00%	[•]
-5.00%	[•]
-10.00%	[•]
-20.00%	[•]

### Annex-A4:

Parallel shift in USD/INR FX implied volatility surface	Indicative mark to market for client
2.00%	[•]
1.00%	[•]
0.50%	[•]
-0.50%	[•]
-1.00%	[•]
-2.00%	[•]

### Maximum loss & worst downside:

In the scenario of USD depreciation and options herein becoming worthless, client will have a mark to market equal to the present value of premium amounts yet to be paid, i.e. client will be out of money by that amount. If client has already paid all the premium amounts due under the options, client will have a mark to market equal to zero because client has the option to early terminate the transaction on the Early Termination Option Dates.



Proprietary & Confidential

#### **RISK DISCLOSURE**

#### IMPORTANT NOTICE

We believe that clients who engage in treasury and financial transactions with us or though us should be aware of the risks which may be associated with such transactions. This risk disclosure statement is not intended as a substitute for your actually becoming reliably and adequately informed of the risks associated with such transactions by your seeking independent advice or otherwise as regards any specific transaction contemplated, and you shall accordingly be responsible for any transaction which you ultimately choose to enter into.

THIS NOTICE DOES NOT PURPORT TO DISCLOSE TO OR ADVISE YOU OF ALL OF THE RISKS AND OTHER RELEVANT CONSIDERATIONS AND ANY SIGNIFICANT ASPECT OF ANY TRANSACTION. YOU SHOULD THEREFORE CONSULT YOUR OWN LEGAL, TAX AND FINANCIAL ADVISERS PRIOR TO ENTERING INTO ANY PARTICULAR TRANSACTION.

You should not enter into a transaction unless you fully understand the transaction including at least the following:-

- the nature of the transaction and the market underlying such transaction;
- the terms and conditions of such transaction;
- the extent of the financial and economic risk to which you are exposed as a result of such transaction;
- the income tax treatment of such transaction; and
- the regulatory and accounting treatment of such transaction.

Furthermore, before you enter into any transaction, you should consider, among other things, the following points:-

- 1. **Suitability**: You should determine whether a product and the transaction proposed to be entered into by you is appropriate in the light of your experience in similar transactions, your objectives in engaging in the transaction, your financial resources and other relevant circumstances. If you are not sure that the transaction is suitable for you, you should consult your own legal, tax and financial advisers before entering into the transaction.
- 2. Market Risk: Your gains or losses under a transaction may be linked to changes in the market(s) to which the transaction is linked and such market(s) may not perform in tandem with the local market which you may be familiar with. You may therefore be exposed to volatility in such market(s), which may be greater than the volatility of the local market you may be familiar with. Furthermore, the extent of your loss or profit in a transaction may be greater or less than the corresponding movements in the market(s).
- 3. Credit Risk: You are exposed to the credit risk of the counterparty with whom you are matched, or with whom you contract. In any transaction, you are exposed to our credit risk, other than the transactions where we act as broker or agent. In such cases, you will be exposed to the credit risk of the third party with whom you are contracting, which may be lower or higher than our credit risk.





Proprietary & Confidential

- 4. **Economic Risk**: Because the prices and characteristics of over-the-counter transactions are individually negotiated and there is no central source for obtaining prices, there are inefficiencies in transaction pricing. We consequently cannot and do not warrant that our prices or the prices we secure for you are or will at any time be the best price available to you. We may make a profit from a transaction with you no matter what result the transaction has from your point of view.
- 5. Liquidity Risk: Execution and/or liquidation of your positions may, in certain circumstances, be difficult or impossible. These circumstances include, for example, suspension of trading, extreme market conditions, failure of telecommunications or electronic systems, and events commonly known as "force majeure". Your ability in such circumstances to make a value or risk assessment, or to make a calculation of a fair price, would also be adversely affected. Even, if you give a "stop-loss" or "stop-limit" order, these may be impossible to execute.
- **Exchange Risk**: You may be exposed to currency fluctuation risk where you enter into a transaction involving different currencies, or in a base currency other than one in which you use in your ordinary business or hold in your accounts. Any loss incurred by you as a result of the relevant rates for the conversion of any monies from the base currency to the currency in which you keep your accounts (i) may be greater than the profits from the transaction when measured against the base currency of that transaction or (ii) may increase the amount of the loss you suffer in the transaction itself.
- **7. Transaction Costs**: Your net returns from a transaction would also be affected by the transaction costs (i.e. commission, fees and other charges) charged by us.
- **8. Margin/Collateral**: We may require that you provide margin or collateral to support your obligations under transactions you trade with or through us.

Where a transaction is leveraged, you should note that a small market movement in the underlying market will have a multiplying effect on your corresponding loss, and such losses may exceed the amount of margin deposited with us. In such a situation, you would be required to top-up any such shortfall by depositing additional margin with us.

Generally, we are entitled to liquidate your positions to meet any shortfall in margin or collateral requirements.

9. Structured Transaction with Multiple Instruments: Where a transaction is made up of several instruments, you should be aware that there is risk associated with each instrument evaluated separately and the risk of the transaction evaluated as a whole.

We strongly suggest that you independently review all materials (as supplied by us from time to time to you and as supplemented with your own independent advice which you are encouraged to take) pertaining to the risks associated with any transaction.