



**UCO BANK**

**Department of Information Technology**

**Request for Proposal (RFP) For Supply, Installation, Implementation, Post- Implementation Onsite Support of End-to-End Comprehensive & Integrated Global Treasury Management Solution (CIGTMS) (Re-Tendering)**

**RFP Ref. No: UCO/DIT/774/2022-23 Date: 18/06/2022**

**Fifth Pre-bid Responses / Amendments / Addendums / Corrigendum**

<b>Srl</b>	<b>RFP reference</b>	<b>RFP Clause</b>	<b>Modified Clause</b>
1	Annexure – XVII, Tab – 9.9, Point – 9.9.6.5	The system array should support synchronous and asynchronous replication with the existing storage.	Offered Storage array shall be able to support 3 Data center solution natively where Primary site shall be able to replicate synchronously to near-by / Bunker location and at the same time shall be able to replicate to Far location asynchronously.
2	Annexure – XVII, Tab – 9.9, Point – 45	Tape Library shall have GUI Panel. Shall be rack mountable. The Tape library must Set alerts with respect to Tape library software and hardware	Tape Library shall have GUI Panel. Shall be rack (max 3.5KVA load per rack) mountable. The Tape library must Set alerts with respect to Tape library software and hardware
3	Annexure XXXII – Hardware Baseline	The proposed solution will be deployed by us in high availability (as mentioned in the RFP) mode including all hardware components at DC & DR each location.	The proposed solution will be deployed by us in a highly available manner such that the failure of a single server/node will not interrupt the running application. DR capabilities will be provided, allowing the entire environment to quickly be moved to a different physical location with a minimum of visible impact to end-users. DR site will also be deployed by us with same architecture and same capacity as of production DC site.
4	Annexure XXVI -	PMO Resources - One Bank head Office and One	PMO Resources – One PMO resource should be deployed at Kolkata,

	Bidder needs to factor minimum below resources during Implementation (Phase 1), Stabilization & Roll out support	Mumbai Treasury	Bank's Head office, from bidder's side who must be flexible to travel at Mumbai, Bangalore, Hongkong & Singapore location as and when required and asked by Bank without any intervention of bidder or OEM. All other terms and conditions, scope of work etc. shall be governed by the details mentioned under RFP document and subsequent corrigendum, addendum, amendment and pre-bid responses.
5	Annexure XXVI - Bidder needs to factor minimum below resources during Implementation (Phase 1), Stabilization & Roll out support	Post go-live onsite application support for roll out under Phase 1 : 2 resources at each site of Singapore & Hongkong for 3 months (certified by OEM or directly under OEM Payroll)	Post go-live onsite application handholding support for roll out under Phase 1 : 1 resource at each site of Singapore & Hongkong for 3 months (certified by OEM or directly under OEM Payroll). Bidder should ensure the availability of at least one resource at the Singapore & Hongkong centre during the said period without any excuse.
6	Annexure XXVI - Resource Experience	Project Manager - MBA/Engineering with PMI certification /Prince2 Certification Program Manager - MBA / Engineering/ M.Com with PMI certification or Prince2 Certification	Project Manager - MBA/ Engineering/ Bachelor of Commerce(Hons) / Master of Commerce with PMI certification /Prince2 Certification Program Manager - MBA/ Engineering/ Bachelor of Commerce(Hons) / Master of Commerce with PMIcertification /Prince2 Certification
7	2.29.1 Environment	All kind of databases should be quoted under Enterprise edition. Bank already have ULA with ORACLE for the components as mentioned in the RFP. However, for TCO comparison purpose bidder has to quote ORACLE license price and its ATS under Database line item of Commercial bid format. The licenses for Oracle components as proposed by the bidder will be shared by the Bank, however, if required bank may procure same from selected bidder also at the quoted price at the sole discretion of the Bank without any obligation. In case if the proposed application is compatible with any other enterprise level database other than Oracle then the number of licenses and cost for the database license and ATS should be quoted in the commercial format in the respective fields	All kind of databases (for production and non-production environment) should be quoted under Enterprise edition. Bank is already having ULA with ORACLE for the below components as mentioned in the RFP. Bidder who are proposing below components needs not to factor any amount for the same in bill of material however the sizing (no of Licenses) needs to be provided. The licenses for Oracle components as proposed by the bidder will be shared by the Bank. In case during contract period if bidder require a greater number of Licenses for these components Bidder needs to provide the same at no additional cost to Bank. In case if the proposed application is compatible with any other enterprise level database other than Oracle then the number of licenses and cost for the database license and ATS should be quoted in the commercial format in the respective fields.

8	Annexure XXVI, 9.3.12.5	Separate GAP/Revaluation facility for FCNR-B, Nostro, EEFC/ DRFC/ DDA related portfolio. The system should support GAP/ revaluation facility individually for respective exposures like FCNR-B, Nostro, EEFC/DRFC/DDA related portfolio based on Interpolation Method	<p>Granular portfolio details for Forex assets (like PCFC, FCTL, PSFC) and liability (like FCNR, EEFC, RFC, RFCTD) would be maintained in CBS only . However Foreign bill Module and Merchant forward contract with granular parameters to be also part of the Treasury solution</p> <p>The proposed solution to have GL Handshake with CBS to fetches the GL level data of CBS for each Forex items along with accrued interest in all currency separately on daily basis . Such data is required for correct computation of Foreign exchange position in each currency.</p> <p>Further the treasury System to revalue the portfolio based on the GL data obtained in treasury system to have Revaluation at one place. Treasury System to provide rates to CBS for revaluation and to keep track of the mirror Balances in treasury and to provide the revaluation of mirror</p>
9	Annexure – XVII, 9.3.12.7	System should have capability to compute FC deposits & lending rates with user defined parameters. E.g. FCNR-B, RFC, Loan against FCNR, PCFC. Etc. It should also furnish maturity profile of FCNR deposits incl. OD against FCNR. System should have the capability to run accrual of interest on all lending and borrowing positions based on the frequency ascertained by the users.	Clause stands deleted
10	Annexure – XVII, 9.3.12.8	System should have capability to compute yields on PCFC and EBR portfolio/ loan against FCNR	Clause stands deleted
11	Annexure – XVII, 9.8.6.14	Option to have facility to open EEFC account with its regulatory requirements based on the data available under CBS in automated way.	Clause stands deleted
12	Annexure – XVII, 9.11.2.1.1.1	Accounts in FCY like EEFC, RFC, RFCTD , FCNR , PCFC, FCTL , initiated in CBS are required to be synchronized in treasury system from CBS on real-time basis.	Clause stands deleted
13	Annexure – XVII, 9.11.2.1.1.2	FC Borrowing and FC Lending initiated in Treasury system are required to be synchronized in CBS on real-	FC Borrowing and FC Lending initiated in Treasury system are required to be synchronized in CBS on real-time basis. This requirement is of Treasury

		time basis.	lending and borrowing between financial institutions which is required to be accounted in CBS through STP.
14	Annexure – XVII, 9.11.2.1.1.7	There should be an interest register for PSFC loan for making Interest MOC in every quarter. There should be option for open PSFC in more than one notional rate at one time. There should be an extra column in Outstanding Purchase Suspense/PSFC & PCFC report showing extended due date of bill and separately original due date of bill. Overdue PCFC accounts interest should be calculate automatically in report of interest accrued for loans.	There should be an interest register for PSFC loan for making Interest MOC in every quarter. There should be option for open PSFC in more than one notional rate at one time. There should be an extra column in Outstanding Purchase Suspense/PSFC & PCFC report showing extended due date of bill and separately original due date of bill. GL Handshake of accrued interest and normal interest booking to be done in each currency in treasury solution as and when same is posted in CBS.
15	Annexure – XVII, 9.11.2.1.2.1	Currently Branches manually monitors the Swift messages and once the inward forex transaction message is received , the branch initiates the transaction in CBS. They debit the treasury adjustment account of respective currency and credits the customer. Meanwhile they send a message to treasury software for debit of Mirror for reimbursement. On receipt of this message the treasury software generates STP accounting on real-time basis for mirror Accounting in CBS. Thus it debits the mirror to reimburse the branch intersol parking account . Thus both the currency position in treasury software and account balance in CBS is in Sync. It is desired that manual intervention at the branch for inward processing be removed by STP.	Currently Branches manually monitors the Swift messages and once the inward forex transaction message is received , the branch initiates the transaction in CBS. They debit the treasury adjustment account of respective currency and credits the customer. Meanwhile they send a message to treasury software for debit of Mirror for reimbursement. On receipt of this message the treasury software generates STP accounting on real-time basis for mirror Accounting in CBS. Thus it debits the mirror to reimburse the branch intersol parking account . Thus both the currency position in treasury software and account balance in CBS is in Sync. It is desired that manual intervention at the branch for inward processing be removed by STP. (Proper STP workflow of fx rate booking and utilisation required between the CBS (where the fx assets and liability and accounting is managed ) and treasury system . Once rate is booked, TMS should receive foreign exchange position updates so that treasury can monitor the FX position of the bank)
16	Annexure – XVII, 9.11.2.1.3.1	Currently the Branch initiates the outward transaction at the instance of the customer thereby debiting the customer account and releasing the SWIFT message to Correspondent Bank. Along with this a message is relayed by CBS to treasury software for accounting of outward swift in treasury software. Treasury software	Currently the Branch initiates the outward transaction at the instance of the customer thereby debiting the customer account and releasing the SWIFT message to Correspondent Bank. Along with this a message is relayed by CBS to treasury software for accounting of outward swift in treasury software. Treasury software creates the accounting entry for credit of Mirror Account by debiting suspense account. The Branch

		creates the accounting entry for credit of Mirror Account by debiting suspense account. The Branch credits the proceeds to treasury intersol parking account for offsetting the suspense entry.	credits the proceeds to treasury intersol parking account for offsetting the suspense entry. (Proper STP workflow of fx rate booking and utilisation required between the CBS (where the fx assets and liability and accounting is managed ) and treasury system . Once rate is booked, treasury solution should receive foreign exchange position updates so that treasury can monitor the FX position of the bank)
17	Annexure – XVII, 9.11.2.1.4.4	Interest calculation of PCFC/PSFC : Provision required to add overdue interest rate after due date	Clause stands deleted
18	Annexure – XVII, 9.11.2.1.4.5	PCFC/PSFC reports as per Input, Purchase suspense realization should provide for applying of swap charges	Clause stands deleted
19	Annexure – XVII, 9.11.2.1.5.1	The system should be able to manage the Vostro account operations for domestic as well as foreign branches and should be able to send 940 swift message	Clause stands deleted
20	Annexure – XVII, 9.6.5.2	The System should generate a report giving Asset class wise Total (Interest income + Other income) & Interest Expenditure of Treasury branch, Treasury average cost/yield based profit analysis at CO, after mapping Income and Expenditure Head of accounts.	<p>The System should generate a report giving Asset class wise Total (Interest income + Other income) &amp; Interest Expenditure of Treasury branch, Treasury average cost/yield based profit analysis at CO, after mapping Income and Expenditure Head of accounts.</p> <p>Since revaluation of Forex assets and liabilities, Derivative is done at treasury, such report would be generated by Treasury. Further for the domestic segment also the market rates are fetched to revalue the HFT, AFS and HTM portfolio in accordance with regulatory guidelines and therefore report should be generated. The system should be able to calculate NIM, Cost of Funds and yield of the Investments in treasury Book</p>
21	Annexure – XVII, 9.6.10.15	System should allow a functionality to monitor duration movement and currency composition of FCA and various portfolios to ensure that they are within prescribed limits.	System should allow a functionality to monitor duration movement of HFT, AFS, HTM portfolios to ensure that they are within prescribed limits. Similar analysis of FX Gap limits like AGL, IGL, NOOP of Foreign Currency asset.
22	Annexure – XVII, 9.11.2.3.1	Foreign Inward Remittance: Foreign Documentary Bills Under Collection, Foreign Clean Bills Under Collection, Foreign Usance Bills Under Collection, Foreign TT	Singapore centre requires a rate chat module , wherein the branch user can take the rates from treasury and once the rate is booked and

		Remittance, Foreign Cheque Collection, utilization of forward contract with swap.	accepted by the treasury , the same should flow to the CBS for utilisation in the actual transaction controlled in CBS. Once rate is booked, updated positions will be interfaced to the proposed treasury solution. The CBS system that initiated the trade will continue to manage the customer account, compute interest, payment and accounting updates for the customer facing side of the trade. In case of Forward Contract , Booking utilisation and outstanding position of forward contract to be maintained in Treasury Software.
23	Annexure – XVII, 9.11.2.3.2	Foreign Outward Remittance: Foreign Import Bill under Collection, Payment under LC, Foreign Telegraphic Transfers, Foreign Cheque issuance, Foreign Demand Drafts, Foreign Travelers Cheque and any other inward/outward remittance.	Singapore centre requires a rate chat module , wherein the branch user can take the rates from treasury and once the rate is booked and accepted by the treasury , the same should flow to the CBS for utilisation in the actual transaction controlled in CBS. Once rate is booked, updated positions will be interfaced to the proposed treasury solution. The CBS system that initiated the trade will continue to manage the customer account, compute interest, payment and accounting updates for the customer facing side of the trade. In case of Forward Contract , Booking utilisation and outstanding position of forward contract to be maintained in Treasury Software.
24	Annexure – XVII, 9.11.2.3.3	Deposits other than SGD in Foreign Currency.	Deposits other than SGD in Foreign Currency. Inter Bank Lending and Borrowing need to be controlled in Treasury Software.
25	Annexure – XVII, 9.11.2.3.4	Account & customer details should be opened automatically by fetching data from CBS and vice versa facility should also be available	Account & customer details should be opened automatically by fetching data from CBS and vice versa facility should also be available. When a Branch user is taking rates on behalf of a customers in the rate chat module of Treasury software, such rates booked and accepted by Treasury has to be controlled in the name of respective customer. As such instead of creating separate customer profile in Treasury Module, the system should be integrated with CBS and should be able to fetch the customer details for controlling of rates or transactions entered in Treasury Module on behalf of the customer.

26	Annexure – XVII, 9.11.2.3.5	Interest Accrued, Booked & Paid amount should be calculated by Treasury system and same should be validated with CBS by providing report with details.	Interest Accrued, Booked & Paid amount should be fetched from CBS as mirror by Treasury system and same should be validated with CBS by providing report with details.
27	Annexure – XVII, 9.11.2.3.6	FCL - Foreign Currency Loan with monthly interest calculation and resetting of interest rate in line with CBS system.	FCL - Foreign Currency Loan with monthly interest will be booked as a mirror to TMS along with resetting of interest rate in line with CBS system. However, FC borrowing and lending with interbank counterparties initiated in the dealing room for liquidity management will be noted in the TMS
28	Annexure – XVII, 9.11.2.3.7	FC Borrowings along with accrual of interest including negative interest thereon.	FC Borrowings (inter bank borrowings) along with accrual of interest including negative interest thereon should be controlled in the Treasury Software. However, FC borrowing and lending with interbank counterparties initiated in the dealing room for liquidity management will be noted in the TMS.
29	Annexure – XVII, 9.11.2.3.11	Vostro Management: - The system should be able to manage the Vostro account operations for domestic as well as foreign branches and should be able to send 940 swift message	Clause stands deleted

**Place – Kolkata**  
**Date – 01.10.2022**



**UCO Bank**  
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**NOTICE TO THE BIDDERS**

**01.10.2022**

**Sub: Extension of Bid Submission date in respect of “Request for Proposal (RFP) for Supply, Installation, Implementation, Post-Implementation Onsite Support of End-to-End Comprehensive & Integrated Global Treasury Management Solution (CIGTMS) (Re-tendering). RFP Ref. No: UCO/DIT/774/2022-23 Date: 18/06/2022”.**

The last date for submission of bid documents for “Request for Proposal (RFP) for Supply, Installation, Implementation, Post-Implementation Onsite Support of End-to-End Comprehensive & Integrated Global Treasury Management Solution (CIGTMS) (Re-tendering)” which has been scheduled on **07.10.2022** is hereby extended **up to 14.10.2022 (4:00 PM)**. Technical bids will be opened on **14.10.2022 at 4:30 PM**.

**Department of Information Technology**  
**Head Office, Kolkata**