



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) (E-Tendering)

RFP Ref. No: UCO/DIT/2601/2022-23 Date: 25/01/2023



First Prebid response, Clarifications, Amendments, Addendums and Corrigendum's

1. Clarifications

S. No.	RFP Page #	RFP Clause Name/No.	Original RFP Clause	Query sought/ Suggestions of the Bidder	Bank's response
1	13, 14	Eligibility Criteria point#12, 15, 16	Relevant Credential Letter from the Bank OR Copy of Purchase Order/Contract with completion certificate	Relevant Credential Letter from the Bank OR Copy of Purchase Order/Contract with completion certificate	Clause stands as per RFP

2.	14	Eligibility Criteria point#17	<p>The OEM of Treasury Application must have presence and should have their own support center in India/Singapore/ Hongkong from where OEM shall provide 24x7 application related support in addition to the proper qualified onsite L2 level (either OEM certified or directly under OEM payroll) FM support to implement, manage and maintain the proposed solution during the contract period at Bank's site in India</p> <p>A joint undertaking duly signed by the authorized signatory of bidder and OEM should be submitted to this effect along with the bid.</p>	<p>The OEM/Bidder of Treasury Application must have presence and should have their own support center in India/Singapore/ Hongkong from where OEM/Bidder shall provide 24x7 application related support in addition to the proper qualified onsite L2 level (either OEM certified or directly under OEM payroll) FM support to implement, manage and maintain the proposed solution during the contract period at Bank's site in India</p> <p>A Joint undertaking duly signed by the authorized signatory of bidder and OR OEM should be submitted to this effect along with the bid.</p>	Clause stands as per RFP
3	14	Eligibility Criteria point#18 & 19	<p>Certificate from the Chartered Accountant as per Annexure XII of the company showing profit, net worth and turnover of the company for the consecutive last three financial years i.e., 2019-20, 2020-21, 2021- 19. 22 should be submitted.</p>	<p>Certificate from the Chartered Accountant / Authorized Signatory/Company Secretary register with the Register of the company as per Annexure XII of the company declaring that the company has a Positive Net Worth during the past 3 financial years i.e., 2019-20, 2020-21, 2021-22 and that it has a minimum annual turnover of Rs.400 Crore in each of the last three financial years i.e., 2019- 20, 2020-21, 2021-22.</p>	Clause stands as per RFP

4.	123	Level 3 (L3) Service desk	Level 3 (L3) Service Desk would need to be provided from the respective OEM premises or Bank's Premises if required. This shall be considered under the 24*7 operations support window for the tenure of the Contract.	<p>Request change to Level 3 (L3) Service Desk would need to be provided from the respective OEM premises and in case of critical unresolved issues requiring visiting the Bank's Premises on critical need basis when required. This shall be considered under the 24*7 operations support window for the tenure of the Contract.</p> <p>Since, bank has taken the joint undertaking from OEM and Bidder for 24x7 onsite support at L2 Level. Requesting bank to relax the requirement for offshore support from OEM support centre to be provided 24x5 and on-call support during weekends /holidays</p>	This kind of situation may arise for specific scenarios which is clarified under Clause- 2.35.2.7, point no 9, Page-120.
5	73	2.24 Testing & Data Migration Audit Bullet#7	Bidder needs to note that training need to be conducted by the bidder through automated tool as well as manual. All the tools / components needs to be factored by the bidder in the proposal	Request this particular clause to be deleted	Clause stands as per RFP
6.	22	Authorized Signatory	The selected bidder shall submit, a certified copy of the resolution of their Board certified by Company Secretary along with Power of Attorney duly stamped, authorizing an official or officials of the company to discuss, sign with the Bank, raise invoice and accept payments and also to correspond.	The selected bidder shall submit, a certified copy of the resolution of their Board certified by Company Secretary along with OR Power of Attorney duly stamped, authorizing an official or officials of the company to discuss, sign with the Bank, raise invoice and accept payments and also to correspond.	It is clarified that if the authorised signatory is authorised through POA then the copy of the same should be submitted.
7	180	Annexure VI	(To be stamped as a declaration & duly attested by a notary)	(To be stamped as a declaration & duly attested by a notary)	Please refer corrigendum

8.	37	1. Broad Scope of Work	The Bank is centrally located with Head Quarters at Kolkata and with Treasury & Investment dept at Mumbai, Hongkong & Singapore at present. There are 69 offices around India at present dealing with forex or trade-based customers.	<p>Bidder assumes that the 69 offices around India mentioned here are the FX branches apart from the 4 offices at Kolkata, Treasury dept Mumbai, Hongkong, Singapore where Branch portal solution is going to be used. Please confirm.</p> <p>Since the license for Branch Portal solution is based on Number of Branches and Number of Users, request the bank to specify the projected growth in number of FX branches to be considered in India and abroad for 5 years.</p>	Please refer corrigendum
9	207	Annexure XVI - Eligibility Compliance	The proposed Branch Portal should have been implemented in any Bank in India or abroad with the proposed Integrated Treasury Solution AND The proposed Branch Portal should have been implemented in any Bank in India or abroad with Finacle (Version 10x or higher) CBS system having more than 100 forex branches.	The proposed Branch Portal should have been implemented in any Bank in India or abroad with the proposed Integrated Treasury Solution AND The proposed Branch Portal should have been implemented in any Bank in India or abroad with Finacle (Version 10x or higher) CBS system having more than 100 forex branches.	Please refer corrigendum
10.	NA	Annexure XVIII - Masked Commercial Bill of Material	General query	Requesting bank to make changes in the Annexure XVIII – Masked Commercial Bill of material to reflect the revised ask in the commercials for e.g. License cost and implementation cost of the optional asset classes and functional modules as mentioned in Page 138 and 139 under Sec. 6 Schedule of Implementation. Etc.	Please refer corrigendum
11	21	25. Acceptance of Terms	25. Acceptance of Terms A Recipient will, by responding to Bank RFP, be deemed to have accepted the terms as stated in the RFP.	<u>Upon down selection,</u> A Recipient will, by responding to Bank RFP, be deemed to have accepted the terms as stated in the RFP <u>upon mutual consent of both the parties.</u>	Clause stands as per RFP

12.	196	Annexure XV - Non-Disclosure Agreement	(d) Indemnification: The Receiving Party shall indemnify the Bank and hold the Bank harmless against any loss caused to it as a result of the non-performance or improper performance of this Agreement by the Receiving Party, or its servants or agents to perform any aspect of its obligations forming part of the subject matter of this Agreement.	All these indemnities are already covered under PART-V - clause 22 as such we suggest to remove these points here.	Clause stands as per RFP
13	125	Clause 5 - Payment Terms	Bank shall pay each undisputed invoice raised in accordance with this RFP and subsequent agreement, within thirty (30) working Days after its receipt unless otherwise mutually agreed in writing, provided that such invoice is dated after such amount have become due and payable under this RFP and subsequent agreement.	We would request to amend the clause as "Bank will process all undisputed invoices after scrutiny the receipt of invoice within 30 (thirty) days from the receipt of invoice at Bank's office. Within 10 (ten) days of receipt of the invoice Bank will inform of the portion of the invoice that is under dispute and the parties will work in good faith to resolve the dispute." This is as per Finacle 10.x MSA between Bank and DXC	Clause stands as per RFP
14.	14	3 (20) Eligibility Criteria	<p>The proposed Branch Portal should have been implemented in any Bank in India or abroad with the proposed Integrated Treasury Solution</p> <p>AND</p> <p>The proposed Branch Portal should have been implemented in any Bank in India or abroad with Finacle (Version 10x or higher) CBS system having more than 100 forex branches.</p>	We request to please delete the clause "The proposed Branch Portal should have been implemented in any Bank in India or abroad with the proposed Integrated Treasury Solution' and amend this criteria as 'proposed Branch Portal should have been implemented in at least one scheduled commercial Bank and integrated with Finacle CBS system in India having more than 25 Cat-B branches'. The same criteria was given in corrigendum 3 dt. 07/01/2023 of previous RFP no. UCO/DIT/2241/2022-23 Date: 05/12/2022 and the same should give comfort to bank on integration credentials of branch portal solution with Finacle CBS	Please refer corrigendum
15	33	3 - Technical evaluation	However, all the requirements are mandatory through out of box of customization	Please see if this clause should be modified as 'However, all the requirements marked as mandatory in TAB 1 to 6 should be delivered through out of box	Please refer corrigendum

				or customization'	
16.	128	6	Though the same has been mentioned as country specific but all should be implemented for all three proposed treasury system of India, Hongkong & Singapore except those which are country / regulatory specific	Please clarify that asset classes mentioned under IN, SG & HK need to be implemented for all three entities and those mentioned under IN Specific, SG Specific, HK Specific need to be implemented only in specific countries	Please refer corrigendum
17		annex XXIX	General	Please provide no. of existing Cat B forex branches in bank and projection thereof for each of 5 years	Please refer corrigendum
18.	86	2.31.1	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 with Type of License. The licenses for Oracle components as proposed by the bidder will be shared by the Bank	We request that either (i) bank considers cost of Oracle database while calculating TCO of bids proposing Oracle database or (ii) bidders proposing database other than Oracle should be asked to provide database sizing needed only as part of bid submission. This will ensure normalisation of all the bids	Clause stands as per RFP
19	161	30	30. Termination for Convenience The Bank, by written notice for a maximum period of ninety (90) days, sent to the vendor, may terminate the Contract/SLA, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Bank 's convenience, the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective. Bank will pay the bidder till termination date for all the milestone achieved as per the terms and conditions of the RFP	Bidder request to amend the clause as below - 30. Termination for Convenience The Bank, by written notice for a maximum period of ninety (90) days, sent to the vendor, may terminate the Contract/SLA, in whole or in part, at any time after the end of first 2 years of service for its convenience. The notice of termination shall specify that termination is for the Bank 's convenience, the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective. Bank will pay the bidder till termination date for all the milestone achieved as per the terms and conditions of the RFP	Clause stands as per RFP
20.	126	Clause 5 - Payment terms	Payment Terms (Hardware & Software)	Bidder request to amend payment terms below - '- Hardware to be paid 100% after submission of BG towards 10% payment of balance stage after delivery	Clause stands as per RFP

21	126	Clause 5 - Payment terms	Payment Terms (Solution Implementation Cost)	<p>Bidder request to amend payment terms below - Implementation milestones to be mutually agreed as currently they are much backloaded. Request below</p> <ul style="list-style-type: none"> - Project Kickoff 10% - SRS Sign-off of respective application 45% - Development & Customization in UAT Environment - 20% - Go-live of applications falling under Phase 1 -15% - Go-live of applications falling under Phase 2 - 10% 	Clause stands as per RFP
22.	149	Clause 8 - Liquidated damages	<p>Notwithstanding Bank's right to cancel the order, liquidated damages at 0.5% (One percent) of the price of undelivered portion/ not installed services will be charged for every month's delay in the specified delivery/services schedule subject to a maximum of 10% of the total cost of ownership. Bank will have right to recover these amounts by any mode such as adjusting from any payments to be made to the Bidder or from the performance Bank Guarantee. Liquidated damages will be calculated per week basis. Dispatch details shall be shared by the bidder regularly after handing over the consignment to the concerned Courier Agency/Indian Postal services. Bank may invoke the Bank Guarantee for further delay in delivery & migration.</p>	<p>Bidder request to clarify as numbers and words do not match-</p> <p>Notwithstanding Bank's right to cancel the order, liquidated damages at 0.5% (half percent) of the price of undelivered portion/ not installed services will be charged for every month's delay in the specified delivery/services schedule subject to a maximum of 10% of the total cost of ownership. Bank will have right to recover these amounts by any mode such as adjusting from any payments to be made to the Bidder or from the performance Bank Guarantee. Liquidated damages will be calculated per week basis. Dispatch details shall be shared by the bidder regularly after handing over the consignment to the concerned Courier Agency/Indian Postal services. Bank may invoke the Bank Guarantee for further delay in delivery & migration.</p>	Please refer corrigendum

23	148	Clause 7.6 AT Risk Amount	The monthly At-Risk Amount (‘_ARA’) shall be 10% of the estimated monthly pay out of the respective month. The overall cap for penalties as per SLA over the tenure of the contract will be 10% of the contract value. The overall cap for the liquidity damages (mentioned later under clause 8) over the tenure of the contract will be 10% of the contract value.	Bidder request to amend the clause as The monthly At-Risk Amount (‘_ARA’) shall be 5% of the estimated monthly pay out of the respective month. The overall cap for penalties as per SLA over the tenure of the contract will be 5% of the contract value. The overall cap for the liquidity damages (mentioned later under clause 8) over the tenure of the contract will be 5% of the contract value.	Clause stands as per RFP
24.	150	10. Performance Bank Guarantee	The Vendor, within a period of fifteen (15) days from the date of Letter of Intent/Purchase Order, will have to furnish a Performance Bank Guarantee (Format as per Annexure – V of the RFP), issued by any scheduled commercial Bank (other than UCO Bank) equivalent to 3% of the Project Cost/Total Cost of Ownership (TCO) valid for a period of 63 months (60 months + claim period of 3 months) indemnifying any loss to the Bank.	Bidder request to amend the clause as The Vendor, within a period of fifteen (15) days from the date of Letter of Intent/Purchase Order, will have to furnish a Performance Bank Guarantee (Format as per Annexure – V of the RFP), issued by any scheduled commercial Bank (other than UCO Bank) equivalent to 3% of the Annual Project Cost valid for 1 year and to be renewed every anniversary on the subsequent annual value	Clause stands as per RFP
25	155	21. Order Cancellation	<p>i. In case the selected Bidder/Vendor fails to deliver the ordered hardware, software, services, and FM resources as stipulated in the delivery schedule, UCO BANK reserves the right to procure these deliverables from alternate sources at the risk, cost and responsibility of the selected Bidder/Vendor with the capping of 10% of the original quoted cost for such deliverable.</p> <p>ii. If the selected Bidder/Vendor does not perform as per the terms and conditions of RFP or delays in execution of contract, UCO Bank reserves the right to get the balance order executed by another party of its choice, in this event the selected Bidder/Vendor is bound to make good with the capping of 10% of the</p>	<p>Bidder request to amend as below</p> <p>i. In case the selected Bidder/Vendor fails to deliver the ordered hardware, software, services, and FM resources as stipulated in the delivery schedule, UCO BANK reserves the right to procure these deliverables from alternate sources at the risk, cost and responsibility of the selected Bidder/Vendor with the capping of 5% of the original quoted cost for such deliverable.</p> <p>ii. If the selected Bidder/Vendor does not perform as per the terms and conditions of RFP or delays in execution of contract, UCO Bank reserves the right to get the balance order executed by another party of its choice, in this event the selected Bidder/Vendor is bound to make good with the capping of 5% of the</p>	Clause stands as per RFP

			original quoted cost for such deliverable, which UCO Bank may have to incur in executing the balance order. This clause is applicable, if for any reason, the order is cancelled.	original quoted cost for such deliverable, which UCO Bank may have to incur in executing the balance order. This clause is applicable, if for any reason, the order is cancelled.	
26.	399	Annexure XIX - Commercial Bill of Material	Database cost	Bidder request to clarify why Year 4 has not been greyed out for DR in the commercial format? We can put all yearly fees in the ATS/ AMC tab against respective line item from Y2 - Y5	Please refer to corrigendum
27	372	Domestic, Singapore & Hongkong/ Storage	Min Port (32 GBPS or higher) - 24 The storage specification for combined storage on page 372 asks for 24 numbers of 32Gb/s ports.	We request you to change the number of ports from 24 to 16 numbers of 32Gb/s. In the modern storage arrays the front end connectivity bandwidth for FC protocols has increased to 32Gb/s , hence the need to have more number of ports has decreased. With a smaller number of ports we can cater to a much bigger bandwidth. With 16 numbers of 32Gb/s ports the total front end bandwidth would be 512Gb/s which would be more than sufficient for a large enterprise environment.	Clause stands as per RFP
28.	345	TAB-8 : Specifications Of the Backup and Tape library	41. The offered tape library must have a high reliability i.e. MSBF (Mean Swap Between Failures) must be 2,000,000 cycles or higher	Dell Technologies doesn't have a published document mentioning MSBF of ML3 Tape library. Most importantly Dell Technologies as an OEM provides direct comprehensive warranty and AMC support as specified in the RFP by UCO Bank. Hence, Bank should not have any concern on the durability and reliability of the said tape library throughout its entire life cycle. Moreover, the said tape library from Dell is already installed at UCO Bank for different workloads for the last few years without any concerns on reliability and availability In this regard, we would request you to kindly amend the clause to "The offered tape library must have a high reliability i.e. MSBF (Mean Swap Between	Clause stands as per RFP


				Failures) more than 2,000,000 cycles or OEM should commit comprehensive support guarantee during warranty and AMC period as specified in the RFP".	
29	345	TAB-8 : Specification s Of the Backup and Tape library	45. 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	ML3 Tape Library from Dell Technologies has an integrated LCD based Operator Panel display or an external Management GUI screen. Hence, if bank wants an integrated display panel, then we would request you to kindly amend the clause to "Tape Library shall have GUI / LCD 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"	Please refer to corrigendum



2. Corrigendum -

S.no	RFP reference	RFP Clause	Modified Clause
1	2.28 Roll out plan	Bank expect that at least 2 resources per site (Mumbai, Singapore & Hongkong) center must be deployed during Phase 1 of the UAT period to hand hold the users and to sort out the issues.	Bank expect that at least 1 resource per site (Mumbai, Singapore & Hongkong) center must be deployed during Phase 1 of the UAT period to hand hold the users and to sort out the issues.
2	Annexure VI	To be stamped as a declaration & duly attested by a notary	To be stamped and duly signed by the Authorized Signatory on bidder's letter head
3	Part 1 Eligibility Criteria Annexure XVI - Eligibility Compliance	<p>The proposed Branch Portal should have been implemented in any Bank in India or abroad with the proposed Integrated Treasury Solution AND</p> <p>The proposed Branch Portal should have been implemented in any Bank in India or abroad with Finacle (Version 10x or higher) CBS system having more than 100 forex branches.</p> <p><u>Proof of Document to be submitted</u></p> <p>Relevant Credential Letter from the Bank Or Copy of Purchase Order/ Contract with completion certificate</p>	<p>The proposed Branch Portal should have been implemented in any Bank in India or abroad but Bank should have presence in India as scheduled commercial Bank and</p> <p>The proposed branch portal should have been integrated with the proposed Integrated Treasury Solution and Finacle (Version 10x or higher) CBS system having more than 25 nos of forex branches at India or abroad.</p> <p><u>Proof of Document to be submitted</u></p> <p>Relevant Credential Letter from the Bank or Copy of Purchase Order/ Contract with completion certificate as a proof of integration with Finacle 10x or higher version AND</p> <p>{The MAF and an undertaking from the Proposed Branch Portal solution OEM stating that the proposed Branch Portal will be tightly integrated with the proposed Treasury Solution which must be duly signed and stamped by authorised signatory of the bidder}</p> <p>OR</p> <p>{The MAF from the Proposed Branch Portal solution OEM and Relevant Credential Letter from the Bank or Copy of Purchase Order/ Contract with completion certificate as a proof of</p>


			integration with proposed Treasury Solution} OR {The MAF from the Proposed Branch Portal solution OEM and a self-declaration letter of experience from the Proposed Branch Portal solution OEM stating about the past experience of integration with proposed Treasury Solution having details of Application version (Treasury & Branch Portal), Client Name, year of implementation, current status etc which must be duly signed by authorised Signatory of the bidder}}
4	3 - Technical evaluation	Bidder should score at least 80% marks in the technical and Functional evaluation - Technical & Functional Requirements as per Annexure XVII for out of box functionality to qualify for commercial bid. However, all the requirements are mandatory through out of box of customization. Bank reserves the right to disqualify the bidder if any mandatory requirements are not available in the solution.	Bidder should score at least 80% marks in the technical and Functional evaluation - Technical & Functional Requirements as per Annexure XVII for out of box functionality to qualify for commercial bid. However, all the requirements marked as mandatory in TAB 1 to 6 should be delivered through out of box or customization. Bank reserves the right to disqualify the bidder if any mandatory requirements are not available in the solution
5	Clause-6, Schedule of Implementation	Though the same has been mentioned as country specific but all should be implemented for all three proposed treasury system of India, Hongkong & Singapore except those which are country / regulatory specific	Page – 128, Clause-6, Schedule of Implementation under Section – A: Will be read as follows – Though the same has been mentioned as country specific but all should be implemented for all three proposed treasury system of India, Hongkong & Singapore except those which are country / regulatory specific and that needs to be mentioned by bidder specifically.
6	Clause 8 - Liquidated damages	Notwithstanding Bank's right to cancel the order, liquidated damages at 0.5% (One percent) of the price of undelivered portion/ not installed services will be charged for every month's delay in the specified delivery/services schedule subject to a maximum of 10% of the total cost of ownership. Bank will have right to recover these amounts by	Notwithstanding Bank's right to cancel the order, liquidated damages at 1% (One percent) of the price of undelivered portion/ not installed services will be charged for every month's delay in the specified delivery/services schedule subject to a maximum of 10% of the total cost of ownership. Bank will have right to recover these


		any mode such as adjusting from any payments to be made to the Bidder or from the performance Bank Guarantee. Liquidated damages will be calculated per week basis. Dispatch details shall be shared by the bidder regularly after handing over the consignment to the concerned Courier Agency/Indian Postal services. Bank may invoke the Bank Guarantee for further delay in delivery & migration.	amounts by any mode such as adjusting from any payments to be made to the Bidder or from the performance Bank Guarantee. Liquidated damages will be calculated per week basis. Dispatch details shall be shared by the bidder regularly after handing over the consignment to the concerned Courier Agency/Indian Postal services. Bank may invoke the Bank Guarantee for further delay in delivery & migration.
7	Annexure XVII – Functional & Technical Specification TAB 3	New clauses added as 3.20.33 	Branch Portal if access directly then it must have 2FA authentication and all the necessary software for the same needs to be provision by the bidder. If access through Core banking System by invoking a menu under CBS, it will redirect the webpage directly to the Branch Portal server. Entity wise data confidentiality, privacy & authenticity must be available in the solution for e.g., Treasury office of India should be able to view or get the request from branches under India only. Same is applicable for Hongkong & Singapore. No branch should be able to view other branch data. Treasury office of India should not be able to view anything of either Treasury office of Singapore or Hongkong. Vice versa is also applicable.
8	Part -IV Scope of work Clause 2.30 Software Licenses	In case Bank would like to add other entity in India & International Territories in future under single instance multi entity set up within the projected volume of transactions and users as mentioned in the RFP then the same has to be provided by the bidder of the proposed integrated Treasury solution without any extra cost except implementation effort	In case Bank would like to add other entity in India & International Territories in future under single instance multi entity set up within the projected volume of transactions and users as mentioned in the RFP then the same has to be provided by the bidder of the proposed integrated Treasury solution without any extra cost except implementation effort. For the branch portal licenses, OEM has to mention all license parameter. In that case OEM has to mention the minimum number of licenses to be procured at initial stage and subsequent procurement of minimum number of licenses after onwards along with the respective cost.

9	Annexure XVII – Functional & Technical Specification TAB 3	3.20.1- Rate Quote Module: Quoting of rate and capturing of all related details of CBS system into Treasury solution	3.20.1- Rate Quote Module: Quoting of rate and capturing of all related details of CBS system into Treasury solution through STP
10	Annexure XVII – Functional & Technical Specification TAB 3	3.20.2 - Branch user will enter into Treasury system and asked for providing rate through maker-checker concept.	3.20.2 - Branch user will enter into Treasury system and asked for providing rate.
11	Annexure XVII – Functional & Technical Specification TAB 3	3.20.3 - Once rate provided by Treasury, the same shall be accepted by respective branch only through maker-checker concept.	3.20.3 - Once rate provided by Treasury, the same shall be accepted by respective branch only.
12	Annexure XVII – Functional & Technical Specification TAB 3	3.20.4 - once it is accepted, treasury solution will initiate the txn in CBS through webservice along with rate as a part of cross currency transaction in CBS.	3.20.4 - once it is accepted, treasury solution will initiate the txn in CBS through webservice along with rate as a part of cross currency transaction in CBS means straight through processing of completed deals into downstream systems
13	Annexure XVII – Functional & Technical Specification TAB 3	3.20.5 - Once transaction initiated and acknowledged by Treasury solution, system should knock-off the rate	3.20.5 - Once transaction initiated and acknowledged by Treasury solution, system should knock-off the rate and bank doesn't want utilization of same deal by any other user/client once it is utilized in their back-office system. The deal ID should unique for every completed/ cancelled/ Withdrawn deal.
14	Annexure XVII – Functional & Technical Specification	3.20.6 - Outward in foreign currency from these accounts should be supported by the system along with accounting of the same in CBS without any manual intervention.	3.20.6 - Outward in foreign currency from these accounts should be supported by the system along with accounting of the same in CBS without any manual intervention means straight through processing of completed deals into

	TAB 3		downstream systems.
15	Annexure XVII – Functional & Technical Specification TAB 3	3.20.7 -Limit Maintenance: Rate quote module requires the transaction margin data for each customer based on pre-set business rules and therefore the customer profile in CBS needs to be shared/replicated in treasury software so that the customer wise transaction have correct rate and data is captured appropriately	3.20.7 - Limit Maintenance: Rate quote module requires the transaction margin data for each customer based on pre-set business rules and therefore the customer profile in CBS needs to be shared/replicated in treasury software so that the customer wise transaction have correct rate and data is captured appropriately. The same should be achieved through web service for credit check (external system) on real time basis from bank's credit limit system means CBS or anything else. Application should also have a counterparty onboarding process in which unique customer id will be created. Once the counterparty is onboarded for him rules like margins, currency allowed can be set. During the onboarding application can fetch and default details like KYC from CBS through interface.
16	Annexure XVII – Functional & Technical Specification TAB 3	3.20.6 - Outward in foreign currency from these accounts should be supported by the system along with accounting of the same in CBS without any manual intervention.	3.20.6 - Outward in foreign currency from these accounts should be supported by the system along with accounting of the same in CBS without any manual intervention means straight through processing of completed deals into downstream systems.
17	Annexure XVII – Functional & Technical Specification TAB 3	3.20.8 - Branches should be able to enter merchant deals on behalf of the Bank's customers. They should also have the capability of entering draft deals, and deals where only maturity can be modified after deal is entered	3.20.8 – i. Branches should be able to enter merchant deals on behalf of the Bank's customers. ii. Should also have the capability of entering draft deals, and deals where only maturity can be modified after deal is entered. iii. In a standard workflow, once rate is committed, deal will flow to treasury application for the position update. For these deals financial details like rate, amount, maturity date is not allowed to change. Deals where rate is put in pending state and these details can be changed later on. iv. Should supports "Roll spot to forward" functionality where

			<p>a spot deal can be rolled over to a forward deal.</p> <p>v. A completed deal (no draft mode) can also be taken up for early delivery or rollover/extension to future date.</p>
18	Annexure XVII – Functional & Technical Specification TAB 3	3.20.10 - Branch user should be able to input single or multiple transactions	3.20.10 - Branch user should be able to input single or multiple transactions. supports single deal as well as block deal where multiple deals can be entered for bank's client at the same time for same currency pair. Branch user can also open multiple deal tickets for multiple clients at the same time. User can input as many deals as needed as long as rate is available for the selected combination and limit is not breached for the counterparty.
19	Annexure XVII – Functional & Technical Specification TAB 3	3.20.11 - All relevant information should be captured at the time of entering the transactions	3.20.11 - All relevant information should be captured at the time of entering the transactions. Also provide at least five custom fields on deal ticket window where plain text/drop down list/radio button list can be provided. These details will also flow into downstream system along with deal details.
20	Annexure XVII – Functional & Technical Specification TAB 3	3.20.14 - Bank should be able to define various transactions types as a configuration with the system being able to identify the side based on the transaction type captured	3.20.14 - Bank should be able to define various transactions types as a configuration with the system being able to identify the side based on the transaction type captured.
21	Annexure XVII – Functional & Technical Specification TAB 3	3.20.15 - The system should allow as a configuration to set a margin on live rates to arrive at the base rates	<p>3.20.15 - In a proposed branch distribution system Base rate is prepared taking the live rate from rate feed (or manual entered rate by treasury) and adding the treasury margin.</p> <p>Facility to create rate rules with margin configuration is available. Here user can create many templates with different margins set up. These rate templates are attached to Counterparty Groups. For those counterparty group rate calculation these template margin will also get added to base rate.</p> <p>For onboarded counterparties separate customer margin matrix</p>

			<p>will be defined. Along with margins counterparty rate rule configurations like Allowed Tenor, Currency pair, Side of the deal, Negotiations allowed will be set.</p> <p>When branch/counterparty enters the deal details and asks for the rate, rate is quoted based on above configurations, branch has the option of accepting the rate or go for the negotiation with treasury dealer.</p> <p>Once rate is finalised and deal is done, same details will flow to Treasury application for a position update. Deal details like Rate, amount will flow to CBS for further events like accounting, utilisation.</p>
22	Annexure XVII – Functional & Technical Specification TAB 3	<p>3.20.16 - The system should have the capability to define standard and preferred margins on base rates at customer, customer category, ticket size etc.</p> <p> यूको बैंक UCO BANK</p>	Clause deleted
23	Annexure XVII – Functional & Technical Specification TAB 3	3.20.17 - The system should allow the merchant desk at the dealing room to override base rates before confirmation by dealing room	3.20.17 - When branch/counterparty enters the deal details and asks for the rate, rate is quoted based on above configurations, branch has the option of accepting the rate or go for the negotiation with treasury dealer. During the negotiation treasury dealer can override default rate and change base rate (interbank rate) or final rate.
24	Annexure XVII – Functional & Technical Specification TAB 3	3.20.19 - The system should automatically aggregate total position and compute average holding rates at base rate level for dealing room	3.20.19 - The system should automatically aggregate total position and compute average holding rates at base rate level for dealing room for each currency pair
25	Annexure XVII – Functional &	3.20.20 - The system should allow for definition of a lot size for an automated cover transfer to be put to the FX Trading desk with the	3.20.20 - The system should allow for definition of a lot size for an

	Technical Specification TAB 3	ability for the merchant desk to trigger the transfer manually	automated cover transfer to be put to the FX Trading desk with the ability for the merchant desk to trigger the transfer manually. Supports auto hedging functionality (Synchronous, Threshold hedging, always accept). In Threshold hedging, Bank can create auto hedge rule basis deal ticket size and threshold amount of that currency pair bucket for a set of customers.
26	Annexure XVII – Functional & Technical Specification TAB 3	3.20.21 - The system should be able to triangulate a cross currency rate i.e., JPY/INR etc. correctly based on the transactions type	3.20.21 - The system should be able to triangulate a cross currency rate ("Derived", "Direct" and "Crossed") like JPYINR can be derived from USD, i.e., USDJPY and JPYINR etc. correctly based on the transactions type.
27	Annexure XVII – Functional & Technical Specification TAB 3	3.20.24 - System should interface with Treasury system to book all merchant transactions reported through it. 	3.20.24 - System should interface with Treasury system through STP to book all merchant transactions reported through it
28	Part IV – Scope of Work Nostro Reconciliation Management – Large Volume STP reconciliation at lower risk	Bank is already having a Nostro recon solution from Ameya Infovision. Bidder needs to integrate the proposed treasury Solution with the bank's existing solution. However, all the Nostro Entries needs to made in the Treasury solution.	Bank is already having a Nostro recon solution from Ameya Infovision. Bidder needs to integrate the proposed treasury Solution with the bank's existing solution. However, all the Nostro Entries needs to made in the Treasury solution. It was clarified about NOSTRO reconciliation, that for the bank-as-a-whole has been kept as out-of-scope but NOSTRO Reconciliation for interbank transactions through proposed Treasury Solution and relevant accounting in CBS along with the existing accounting carrying out under NOSTRO Mirror account is under the scope of work and also as mentioned under Annexure-XVII.
29	Annexure XVII – Functional &	3.20.25 - Rate Quote Module: Quoting of rate and capturing of all related details of CBS system into Treasury solution	Clause Deleted

	Technical Specification TAB 3		
30	Annexure XVII – Functional & Technical Specification TAB 3	3.20.28 - Once transaction initiated and acknowledged by Treasury solution, system should knock-off the rate	Clause Deleted
31	Annexure XVII – Functional & Technical Specification TAB 3	3.20.29 - Limit Maintenance: Rate quote module requires the transaction margin data for each customer based on preset business rules and therefore the customer profile in CBS needs to be shared/replicated in treasury software so that the customer wise transaction have correct rate and data is captured appropriately.	Clause Deleted
32	Annexure XVII – Functional & Technical Specification TAB 3	3.20.30 - The system should have the capability to define standard and preferred margins on base rates at customer, customer category, ticket size etc.	Clause Deleted
33	Annexure XVII – Functional & Technical Specification TAB 3	3.20.31 - The system should allow the merchant desk at the dealing room to override base rates before confirmation by dealing room	Clause Deleted
34	Annexure XVII – Functional & Technical Specification TAB 3	3.20.32 - An ack number should be generated every time the dealing room accepts all transactions	Clause Deleted
35	Part -IV Scope of	New Addition	For the Additional Modules and Asset Classes bidder needs to note

	work 2.34 OEM Scope		that 20% of OEM implementation efforts needs to be factor by those bidders who has qualified by Bidder's credentials in Eligibility and technical criteria. The bidders who get qualified by OEM credentials in Eligibility and Technical Scoring criteria needs to factor 100% OEM efforts for Additional Modules and Asset Classes
36	Page-345, TAB-8 : Specifications Of the Backup and Tape library	45. 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	45. Tape Library shall have GUI/LCD 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. Annexures as a part of Corrigendum –

Annexure XXIX – Current daily Transaction volumes & Future Projections

A.Current Daily Transaction volumes & Future Projections - Will be same as before. There is no change.

B.Current Admin, Active (based on the teams/desk working) & Branch users of Domestic and Overseas Centers (revised one as mentioned below)

Type of Users	Current No. of Users	Year 1	Year 2	Year 3	Year 4	Year 5
Treasury Office Mumbai						
Debt Asset Class – Core Treasury Named user	$4(F) + 3(B) = 7$	7	10	11	12	12
EQ Asset Class – Core Treasury Named user	$2(F) + 2(B) = 4$	4	4	8	9	10
FX Asset Class – Core Treasury Named user	$9(F) + 2(M) + 13(B) = 24$	24	25	26	28	30
MM Asset Class – Core Treasury Named user	$2(F) + 3(B) = 5$	5	8	11	12	14
Admin / IT users from Treasury Branch	4	4	5	5	5	5
Named Audit users for Treasury	1	1	2	3	3	3
BCP Site Core Treasury Named user	5	5	6	6	6	6
Total Core Treasury User in India	50	50	60	70	75	80
Other named users available at branch for Fx Trading / Merchant Fx operation (Not core Treasury user) through Branch Portal in India	120	120	130	140	150	160
No of Forex Branches (Cat-B) in India*	70	70	75	85	90	100
Treasury Office Hongkong						
Forex - Named user	5	5	6	7	8	9
Trade - Named user	3	3	5	6	7	8

Retail - Named user	2	2	3	5	5	5
Admin - Named user	2	2	3	3	4	4
Audit - Named user	3	3	3	4	4	4
Total Core Treasury User in Hongkong	15	15	20	25	28	30
Other named users available at all forex branch for Fx Trading / Merchant Fx operation (Not core Treasury user) through Branch Portal in Hongkong	10	10	11	12	14	15
No of Forex Branches in Hongkong*	1	1	1	1	1	1
Treasury Office Singapore						
Forex - Named user	3	3	4	5	6	7
Trade - Named user	3	3	3	4	5	6
Retail - Named user	1	1	1	3	3	3
Admin - Named user	2	2	2	2	2	2
Audit - Named user	1	1	2	2	2	2
Total Core Treasury User in Singapore	10	10	12	16	18	20
Other named users available at branch for Fx Trading / Merchant Fx operation (Not core Treasury user) through Branch Portal in Singapore	10	10	12	15	18	20
No of Forex Branches in Singapore*	1	1	1	1	1	1
(*) – Kindly note that the hardware sizing of the Branch Portal should be based on the projection of forex/Cat-B branches given here for five years whereas the pricing structure should be given based on the current number of branches or number of branches mentioned under YEAR1 column. Bidder has to quote the per branch cost during the addition of forex/cat-B branches and per user license cost during the addition of additional users.						

Annexure XVIII - Masked Commercial Bill of Material

S.No.	Instructions
I	Overall
1	The bidder is expected to quote the costs for all items required for fully complying with the requirements of the RFP and the addenda/corrigendum's in the respective sections of the price bid. The prices for the respective sections would be deemed to include all components required to successfully utilize the solution.
2	Bank is not responsible for any arithmetic errors in the commercial bid details sheet committed by the shortlisted bidders, however, if there are any computational errors the Bank will evaluate the Bid as per provisions contained under RFP document.
3	The bidder is expected to specify the type of licenses along with the details with respect to quantity/rate/etc, wherever applicable.
4	In case the bidder includes/combines any line item as part of any other line item in the commercial bid, then this has to be clearly mentioned in the description indicating the line item which contains the combination
5	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
6	<p>The prices, once offered, must remain firm and must not be subject to escalation for any reason within the period of validity. All taxes, duties and levies of whatsoever nature excepting local entry taxes / octroi, if any.</p> <p>The price would be inclusive of all applicable taxes under the Indian law like customs duty, freight, forwarding, insurance, delivery, etc., but exclusive of only applicable GST, which shall be paid/reimbursed on actual basis on production of bills with GSTIN. Any increase in GST will be paid in actuals by the Bank or any new tax introduced by the government will also be paid by the Bank. The entire benefits/advantages, arising out of fall in prices, taxes, duties or any other reason, must be passed on to Bank. The price quoted by the bidder should not change due to exchange rate fluctuations, inflation, market conditions, and increase in custom duty. The Bank will not pay any out of pocket expenses.</p> <p>Necessary documentary evidence should be produced for having paid the customs / excise duty, sales tax, if applicable, and or other applicable levies along with the request for final payment.</p> <p>The price would be inclusive of freight, forwarding, insurance, delivery, etc.</p>
7	The Bidder may insert additional line items as applicable based on the solution offered in the respective tabs
8	The Bidders should quote as per the format of Bill of Material ONLY and a masked replica of the Bill of Material should be enclosed in the technical bid
9	Bidder is required to cover component by component licensing details for each of the software components proposed to the Bank.

10	The <u>masked</u> Bill of Materials which would be submitted as part of the Technical Bid should contain "XX" for ALL the corresponding commercial values that will be present in the unmasked Bill of Material that will be part of the Commercial submission.
11	All amounts in the Bill of Material should be in INR
12	The Bidder should to the extent possible stick to the same structure of the Bill of Material. Hence the Bank does not expect the bidders to delete necessary rows.
II	Application- License cost
1	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
2	The Bidder can insert additional line items as applicable based on the solution offered in the various tabs
3	The license type has to be clearly described in the Type of License column
4	During filling up the Application cost Tab under commercial format, bidder should mandatorily mentioned whether the same is asset based or user based or mixed of both. The list of asset classes/instruments & functionalities are fixed for all three centres except those which are very much specific to specific countries
III	Hardware, OS & DB
1	Bidder is required to supply, implement and maintain the servers, storage , Operating system, database, cluster software etc required for the Scope of work mentioned in RFP. Bidder needs to Size, Supply, Implement, commissison and maintain the hardware and software.
2	Bank will only provide rack space, Power, network, bandwidth, cooling at DC, DR and NDR
3	Bank already have EULA with ORACLE for the components as mentioned in the RFP. However, for TCO comparison purpose bidder has to quote ORACLE license price 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.
IV	Implementation
1	Bidder shall comply with the Installation and implementation scope provided in the RFP documents.
2	Implementation cost should include all the costs associated with the complete implementation of the solution covering all the locations & implementation of associated components like software etc.
V	Training
1	Bidder needs to provide the required training as specified in the RFP to the designated officials of the Bank
2	The rates provided by the bidders should be applicable on any additional trainings that the Bank may require throughout the tenure of the contract.
VI	ATS,AMC and Facility Management Services

1	Bidder is expected to provide a detailed break up of all products and services that are under the scope as part of the technical bid, in the technical bill of materials i.e. the above format is expected to be replicated for each item to be covered under the scope of facilities management.
2	The AMC, ATS costs for the Production DC & DR, testing & development and training environments have to be quoted separately
3	The ATS cost for applications has to be quoted in separate line items in this section. The Bidder has to create additional line items in this section if required
4	Offsite L3 helpdesk support cost should be covered under ATS and no separate cost has to be included
5	Bidder needs to quote for 100 Man days of efforts which will be utilize by Bank during contract period for any extra customization or change request. This rate will be valid for contract period and if durng contract period these 100 Man days get utilized by bank then Bank will procure the same from bidder at the same rate.
VII	Additional Asset & Modules
1	In this sheet bidder needs to provide the Lic cost of the modules which Bank may procure as and when require during the contract period. Bidder also needs to provide the ATS percentage which Bank will pay if there procure theese Lic. Bidder cannot merge any line item as Bank has the right to procure any item
2	Bidder also needs to prvoide the Implementation Efforts for each asset and module seperately. Bidder cannot merge any line item as Bank has the right to procure any item
3	Bidder who has qualified by Bidder's credential in Eligibility and Technical evaluation criteria needs to factor 20% OEM efforts for implementation while bidder who are getting qualified by OEM credentails needs to factor 100% efforts of OEM for implementation. This is valid of this section also

	Items						Total Amount (INR)
		Y1	Y2	Y3	Y4	Y5	
a.	Application Cost						
b	Database & Peripheral						
c	DC- DR Hardware						
d	Installation and Commission						
e	Implementation Cost						
f	AMC, ATS & Others						
G	FM - Manpower						
h	Training Cost						
i	Other Cost						
	Grand Total						

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

UCO Bank

Implementation Cost

[illegible]

UCO Bank

Implementation Cost

Any Other (Please specify)					
Any Other (Please specify)					
Non Production (UAT)					
Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Non Production (TEST & SIT)					
Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Non Production (Training)					

UCO Bank

Implementation Cost

Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Non Production (Development)					
Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					

UCO Bank

Implementation Cost

Total Cost					

Solutions							Total Amount (INR)
	OEM Man Days Qty	OEM Man Date rate (INR)	Total OEM Amt (INR)	Bidder Man Days Qty	Bidder Man Date rate (INR)	Total Bidder Amt (INR)	
Datacenter (DC)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
PMO Resources							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support - Mumbai							
OEM Resources during GO Live support - Singapore							
OEM Resources during GO Live support - Hongkong							
OEM Resources during UAT - Mumbai							
OEM Resources during UAT - Singapore							
OEM Resources during UAT - Hongkong							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Datacenter (DR)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							

UCO Bank

Implementation Cost

OEM Resources during GO Live support							
ALM							
Reporting server							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (UAT)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (TEST & SIT)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							

UCO Bank

Implementation Cost

User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (Development)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (Training)							
Treasury Solution (India)							

UCO Bank	Implementation Cost						
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Total Cost							

																Total Amount (INR)
	Year 1			Year 2			Year 3			Year 4		Year 5				
	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	
Application Software ATS at DC																
Solutions																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Backup Solution																
Market Risk																
Branch Portal																
ALM																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Total (Application Software ATS at DC Production) (A1)																
Database ATS at DC																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Market Risk																
Branch Portal																
ALM																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Operating System ATS at DC																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Market Risk																
Branch Portal																
ALM																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Total (Database & OS ATS at DC Production) (A2)																
Application Software ATS at DR																
Solutions																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Backup Solution																
Market Risk																
Branch Portal																
ALM																
Reortting server																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																

AMC, ATS other Cost

[illegible]

UCO Bank

AMC, ATS other Cost

Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Operating System ATS at DR (UAT)																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Total (Database & OS ATS) (B4)																			
Application Software ATS at DR (TEST & SIT)																			
Solutions																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Backup Solution																			
Market Risk																			
Branch Portal																			
ALM																			
Reorting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Total (Application Software ATS) (B5)																			
Database ATS at DR (TEST & SIT)																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Operating System ATS at DR (TEST & SIT)																			
Treasury Solution (India)																			

AMC, ATS other Cost

Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Total (Database & OS ATS) (B6)																			
Application Software ATS at DR (Training)																			
Solutions																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Backup Solution																			
Market Risk																			
Branch Portal																			
ALM																			
Reorting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Total (Application Software ATS) (B7)																			
Database ATS at DR (Training)																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Operating System ATS at DR (Training)																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			

UCO Bank

AMC, ATS other Cost

[illegible]

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Sl. No.	Training Type	Min. No. of Days per batch	Batches	No. of Trainees per batch	Rate per batch (INR)	Total Amt (INR)
1	Executive Awareness	1 day	1	15		
2	Core Team Training	15 days	5	10		
3	End User Training	5 days	10	15		
4	Technical User Training	15 days	2	15		
5	Branch Portal - Functional	5 days	7	20		
5	Branch Portal - Technical	5 days	2	10		
Total Training Cost						

		Year 1			Year 2			Year 3			Year 4			Year 5				
S.No.	At Data Centre	Description	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Total Amount for 5 years (INR)
1	Data migration audit	One time Cost	1															
2	External Agency UAT & Testing	One time Cost	1															
3	Quality Assurance	One time Cost	1															
4	3rd party Configuration Review	One time Cost																
5	100 Mandays Effort cost		100															
	Any Other (Please specify)																	
	Any Other (Please specify)																	
	Total Other Component Cost																	

100 Mandays Effort Cost refers to Additional Customisation Effort - The Bidder has to provide the man-days rate applicable across the contract period . The Bidder has to provide pro-rata cost for any additional customisation that the bank may or may not undertake.

Additional Asset & Module at DC											
Software (license) Cost at DC	Description OEM Name, Type of Lic (Asset / User/MIX)	Quantity	Rate (INR)	Total Amount (INR)	Total Amount (INR)	ATS Percentage					
India											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Singapore											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Hongkong											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Software (license) Cost at DR	Description OEM Name, Type of Lic (Asset / User/MIX)	Quantity	Rate (INR)	Total Amount (INR)	Total Amount (INR)	ATS Percentage					
India											

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Implementation cost at DR (Development)											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Singapore											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Hongkong											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											

Other Costs					
S.No.	At Data Centre	Description	Quantity	Rate (INR)	Total Amount (INR)

1	Any other Cost				
	Total Other Component Cost				

Annexure XIX - Commercial Bill of Material

S.No.	Instructions
I	Overall
1	The bidder is expected to quote the costs for all items required for fully complying with the requirements of the RFP and the addenda/corrigendum's in the respective sections of the price bid. The prices for the respective sections would be deemed to include all components required to successfully utilize the solution.
2	Bank is not responsible for any arithmetic errors in the commercial bid details sheet committed by the shortlisted bidders, however, if there are any computational errors the Bank will evaluate the Bid as per provisions contained under RFP document.
3	The bidder is expected to specify the type of licenses along with the details with respect to quantity/rate/etc, wherever applicable.
4	In case the bidder includes/combines any line item as part of any other line item in the commercial bid, then this has to be clearly mentioned in the description indicating the line item which contains the combination
5	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
6	<p>The prices, once offered, must remain firm and must not be subject to escalation for any reason within the period of validity. All taxes, duties and levies of whatsoever nature excepting local entry taxes / octroi, if any.</p> <p>The price would be inclusive of all applicable taxes under the Indian law like customs duty, freight, forwarding, insurance, delivery, etc., but exclusive of only applicable GST, which shall be paid/reimbursed on actual basis on production of bills with GSTIN. Any increase in GST will be paid in actuals by the Bank or any new tax introduced by the government will also be paid by the Bank. The entire benefits/advantages, arising out of fall in prices, taxes, duties or any other reason, must be passed on to Bank. The price quoted by the bidder should not change due to exchange rate fluctuations, inflation, market conditions, and increase in custom duty. The Bank will not pay any out of pocket expenses.</p> <p>Necessary documentary evidence should be produced for having paid the customs / excise duty, sales tax, if applicable, and or other applicable levies along with the request for final payment.</p> <p>The price would be inclusive of freight, forwarding, insurance, delivery, etc.</p>
7	The Bidder may insert additional line items as applicable based on the solution offered in the respective tabs
8	The Bidders should quote as per the format of Bill of Material ONLY and a masked replica of the Bill of Material should be enclosed in the technical bid
9	Bidder is required to cover component by component licensing details for each of the software components proposed to the Bank.

10	The <u>masked</u> Bill of Materials which would be submitted as part of the Technical Bid should contain "XX" for ALL the corresponding commercial values that will be present in the unmasked Bill of Material that will be part of the Commercial submission.
11	All amounts in the Bill of Material should be in INR
12	The Bidder should to the extent possible stick to the same structure of the Bill of Material. Hence the Bank does not expect the bidders to delete necessary rows.
II	Application- License cost
1	The bidder has to quote for each line item. If any line item is part of the solution proposed in the RFP response, it has to be referenced. If it is not applicable, then the Bidder has to mention Not Applicable (NA).
2	The Bidder can insert additional line items as applicable based on the solution offered in the various tabs
3	The license type has to be clearly described in the Type of License column
4	During filling up the Application cost Tab under commercial format, bidder should mandatorily mentioned whether the same is asset based or user based or mixed of both. The list of asset classes/instruments & functionalities are fixed for all three centres except those which are very much specific to specific countries
III	Hardware, OS & DB
1	Bidder is required to supply, implement and maintain the servers, storage , Operating system, database, cluster software etc required for the Scope of work mentioned in RFP. Bidder needs to Size, Supply, Implement, commissison and maintain the hardware and software.
2	Bank will only provide rack space, Power, network, bandwidth, cooling at DC, DR and NDR
3	Bank already have EULA with ORACLE for the components as mentioned in the RFP. However, for TCO comparison purpose bidder has to quote ORACLE license price 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.
IV	Implementation
1	Bidder shall comply with the Installation and implementation scope provided in the RFP documents.
2	Implementation cost should include all the costs associated with the complete implementation of the solution covering all the locations & implementation of associated components like software etc.
V	Training
1	Bidder needs to provide the required training as specified in the RFP to the designated officials of the Bank
2	The rates provided by the bidders should be applicable on any additional trainings that the Bank may require throughout the tenure of the contract.
VI	ATS,AMC and Facility Management Services

1	Bidder is expected to provide a detailed break up of all products and services that are under the scope as part of the technical bid, in the technical bill of materials i.e. the above format is expected to be replicated for each item to be covered under the scope of facilities management.
2	The AMC, ATS costs for the Production DC & DR, testing & development and training environments have to be quoted separately
3	The ATS cost for applications has to be quoted in separate line items in this section. The Bidder has to create additional line items in this section if required
4	Offsite L3 helpdesk support cost should be covered under ATS and no separate cost has to be included
5	Bidder needs to quote for 100 Man days of efforts which will be utilize by Bank during contract period for any extra customization or change request. This rate will be valid for contract period and if durng contract period these 100 Man days get utilized by bank then Bank will procure the same from bidder at the same rate.
VII	Additional Asset & Modules
1	In this sheet bidder needs to provide the Lic cost of the modules which Bank may procure as and when require during the contract period. Bidder also needs to provide the ATS percentage which Bank will pay if there procure theese Lic. Bidder cannot merge any line item as Bank has the right to procure any item
2	Bidder also needs to prvoide the Implementation Efforts for each asset and module seperately. Bidder cannot merge any line item as Bank has the right to procure any item
3	Bidder who has qualified by Bidder's credential in Eligibility and Technical evaluation criteria needs to factor 20% OEM efforts for implementation while bidder who are getting qualified by OEM credentails needs to factor 100% efforts of OEM for implementation. This is valid of this section also

	Items						Total Amount (INR)
		Y1	Y2	Y3	Y4	Y5	
a.	Application Cost						
b	Database & Peripheral						
c	DC- DR Hardware						
d	Installation and Commission						
e	Implementation Cost						
f	AMC, ATS & Others						
G	FM - Manpower						
h	Training Cost						
i	Other Cost						
	Grand Total						

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

UCO Bank

Implementation Cost

[illegible]

UCO Bank

Implementation Cost

Any Other (Please specify)					
Any Other (Please specify)					
Non Production (UAT)					
Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Non Production (TEST & SIT)					
Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Non Production (Training)					

UCO Bank

Implementation Cost

Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Non Production (Development)					
Treasury Solution (India)					
Treasury Solution (Singapore)					
Treasury Solution (Hongkong)					
Market Risk					
Branch Portal					
ALM					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					
Any Other (Please specify)					

UCO Bank

Implementation Cost

Total Cost					

Solutions							Total Amount (INR)
	OEM Man Days Qty	OEM Man Date rate (INR)	Total OEM Amt (INR)	Bidder Man Days Qty	Bidder Man Date rate (INR)	Total Bidder Amt (INR)	
Datacenter (DC)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
PMO Resources							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support - Mumbai							
OEM Resources during GO Live support - Singapore							
OEM Resources during GO Live support - Hongkong							
OEM Resources during UAT - Mumbai							
OEM Resources during UAT - Singapore							
OEM Resources during UAT - Hongkong							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Datacenter (DR)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							

UCO Bank

Implementation Cost

OEM Resources during GO Live support							
ALM							
Reporting server							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (UAT)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (TEST & SIT)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							

UCO Bank

Implementation Cost

User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (Development)							
Treasury Solution (India)							
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Non Production (Training)							
Treasury Solution (India)							

UCO Bank	Implementation Cost						
Treasury Solution (Singapore)							
Treasury Solution (Hongkong)							
Market Risk							
User Defined Customization							
OEM Resources during GO Live support							
ALM							
Branch Portal							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Any Other (Please specify)							
Total Cost							

																Total Amount (INR)
	Year 1			Year 2			Year 3			Year 4		Year 5				
	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	Base product cost	Percentage rate	Total Amt (INR)	
Application Software ATS at DC																
Solutions																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Backup Solution																
Market Risk																
Branch Portal																
ALM																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Total (Application Software ATS at DC Production) (A1)																
Database ATS at DC																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Market Risk																
Branch Portal																
ALM																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Operating System ATS at DC																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Market Risk																
Branch Portal																
ALM																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																
Total (Database & OS ATS at DC Production) (A2)																
Application Software ATS at DR																
Solutions																
Treasury Solution (India)																
Treasury Solution (Singapore)																
Treasury Solution (Hongkong)																
Backup Solution																
Market Risk																
Branch Portal																
ALM																
Reortng server																
Any Other (Please specify)																
Any Other (Please specify)																
Any Other (Please specify)																

AMC, ATS other Cost

[illegible]

UCO Bank

AMC, ATS other Cost

Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Operating System ATS at DR (UAT)																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Total (Database & OS ATS) (B4)																			
Application Software ATS at DR (TEST & SIT)																			
Solutions																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Backup Solution																			
Market Risk																			
Branch Portal																			
ALM																			
Reorting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Total (Application Software ATS) (B5)																			
Database ATS at DR (TEST & SIT)																			
Treasury Solution (India)																			
Treasury Solution (Singapore)																			
Treasury Solution (Hongkong)																			
Market Risk																			
Branch Portal																			
Reporting server																			
ALM																			
Reporting server																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Any Other (Please specify)																			
Operating System ATS at DR (TEST & SIT)																			
Treasury Solution (India)																			

AMC, ATS other Cost

[illegible]

UCO Bank

AMC, ATS other Cost

[illegible]

Location		Sustenance Period																				Total Amount (INR)
		Y1				Y2				Y3				Y4				Y5				
		Rate for 8 hour Shifts (per annum in INR)- a	No. of Personnel per shift - b	No. of Shifts - c	Total Amt (INR) = a x b x c	Rate for 8 hour Shifts (per annum in INR)- a	No. of Personnel per shift - b	No. of Shifts - c	Total Amt (INR) = a x b x c	Rate for 8 hour Shifts (per annum in INR)- a	No. of Personnel per shift - b	No. of Shifts - c	Total Amt (INR) = a x b x c	Rate for 8 hour Shifts (per annum in INR)- a	No. of Personnel per shift - b	No. of Shifts - c	Total Amt (INR) = a x b x c	Rate for 8 hour Shifts (per annum in INR)- a	No. of Personnel per shift - b	No. of Shifts - c	Total Amt (INR) = a x b x c	
Resources																						
Program Manager	Bank HO						1	1			1	1			1	1			1	1		
L1 Server Management, Storage, Tape Library & Backup Management	DC						1	3			1	3			1	3			1	3		
L1 Server Management, Storage, Tape Library & Backup Management	DR						1	3			1	3			1	3			1	3		
L2 Server Management, Storage, Tape Library & Backup Management	DC						1	3			1	3			1	3			1	3		
L1 DB Management	DR						1	3			1	3			1	3			1	3		
L2 DB Management	DC						1	3			1	3			1	3			1	3		
L2 Treasury Application (General Shifts)	Mumbai Treasury						1	1			1	1			1	1			1	1		
L2 Treasury Application	Mumbai Treasury						2	3			2	3			2	3			2	3		
Please specify if any																						
Please specify if any																						
Please specify if any																						
Please specify if any																						
Please specify if any																						
Please specify if any																						
Total Cost																						

Sl. No.	Training Type	Min. No. of Days per batch	Batches	No. of Trainees per batch	Rate per batch (INR)	Total Amt (INR)
1	Executive Awareness	1 day	1	15		
2	Core Team Training	15 days	5	10		
3	End User Training	5 days	10	15		
4	Technical User Training	15 days	2	15		
5	Branch Portal - Functional	5 days	7	20		
5	Branch Portal - Technical	5 days	2	10		
Total Training Cost						

		Year 1			Year 2			Year 3			Year 4			Year 5				
S.No.	At Data Centre	Description	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Quantity	Rate (INR)	Total Amount (INR)	Total Amount for 5 years (INR)
1	Data migration audit	One time Cost	1															
2	External Agency UAT & Testing	One time Cost	1															
3	Quality Assurance	One time Cost	1															
4	3rd party Configuration Review	One time Cost																
5	100 Mandays Effort cost		100															
	Any Other (Please specify)																	
	Any Other (Please specify)																	
	Total Other Component Cost																	

100 Mandays Effort Cost refers to Additional Customisation Effort - The Bidder has to provide the man-days rate applicable across the contract period . The Bidder has to provide pro-rata cost for any additional customisation that the bank may or may not undertake.

Additional Asset & Module at DC											
Software (license) Cost at DC	Description OEM Name, Type of Lic (Asset / User/MIX)	Quantity	Rate (INR)	Total Amount (INR)	Total Amount (INR)	ATS Percentage					
India											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Singapore											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Hongkong											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Software (license) Cost at DR	Description OEM Name, Type of Lic (Asset / User/MIX)	Quantity	Rate (INR)	Total Amount (INR)	Total Amount (INR)	ATS Percentage					
India											

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Implementation cost at DR (Development)											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Singapore											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											
Hongkong											
Listed Bond Options											
Interest Rate Options											
Bond Options (Government Bonds)											
Asset Swaps											
Equity Options (OTC Single Stock and Basket)											
Credit Default Swap											
Credit Linked Note											
Credit Index											
SA-CCR											
CVA Capital Charge											
Hedge Accounting (HA)											
Collateral Management (kindly note that Point 3.8.9 under TAB-3 of Annexure-XVII is required from Day-1)											
FRTB											

Other Costs					
S.No.	At Data Centre	Description	Quantity	Rate (INR)	Total Amount (INR)

1	Any other Cost				
	Total Other Component Cost				