

Date: 09.03.2011

Sub: Integrated Treasury Solution

RFP Ref no. 2113/2010-11 dt. 11.2.2011

With reference to Treasury RFP Pre-bid meeting held on 25.2.2011, the following modification/addition/clarification and reply are provided for the information of all bidders. This will form part of main RFP document.

S. No.	Ref. in RFP	Subject	Remarks
1	Calendar of events , S.No. 4 in Page-3	Last Date for submission is 21.3.2011, Time: 3:00 PM	Modification
2	Annexure-IV, Page-67	Bill of Material Part-VI	--- Do-----
3	Calendar of events , S.No. 3 in Page-3	Pre-bid meeting queries and reply Part I to V	Calrification/Reply
4	Calendar of events , Page-3, S.No. 7	Additional email ids are: hotims.calcutta@ucobank.co.in hocbs.calcutta@ucobank.co.in	Addition

Please note that no further clarification/reply by email/Fax/Letter will be entertained till the opening of bid on 21.3.2011.

All other terms and conditions remain the same.

UCO Bank

Treasury & International Department

Head Office, Kolkata

Pre-Bid Queries from various bidders
Ref: RFP- Integrated Treasury Solution
Part-I (Clarification on General RFP Queries)

Sl. No.	RFP Ref. No.	RFP Clause	Query	Reply/Clarification
1	1.20. Page 19: Scope Of Work	An independent Migration Audit by a reputed audit firm, acceptable to the Bank, is to be carried out by the Bidder to check the integrity and consistency of data and procedure undertaken by the bidder without any additional cost to the Bank.	1. We request bank to kindly relax this clause of getting an Independent migration Audit by a reputed audit firm as the same would increase the SOW for the ITMS Bid for the Bidder with costs thereof. 2. Please clarify If bank wants to have a system that provides proof of data integrity and consistency to auditors.	No change in RFP clause Yes
2	Page 21 Payment Schedule	cost of hardware	Would request Bank to kindly consider the following Payment terms for the Hardware: 70% after delivery of the hardware 20% after Installation of the hardware 10% after submission of Performance guarantee of equivalent amount	The payment schedule for cost of hardware is revised as follows for last installment payment: "25% after completion of 90 days of installation or against Bank Guarantee of equivalent amount valid for 90 days period"
3	Page 21	Cost Of Software	1).Would request Bank to kindly consider the following Payment terms for the Software: 50% on delivery of the core application 25% after customization with	No change in RFP clause

			<p>necessary interfaces, implementation at treasury Branch, Mumbai</p> <p>15% after successful UAT</p> <p>10% 30 days after going live</p> <p>2). Accepted practice for payment of software licences is against delivery of software. We request the bank not to link the software payment to any delivery milestones as this goes against SOX compliance.</p>	
4	<p>Point No. 2.</p> <p>Page no. 20</p> <p>Delivery Schedule</p>	Delivery Schedule	<p>RFP-ITS (Main Document) Page No. 2 Point No.2 - Delivery Schedule, it is stated as 90 days...</p> <p>Whereas in Page No. 83 of tender-10-feb-11.pdf - Project Delays - Penalty Scheme - states "delivery of the solution (customized version for UAT testing) should be effected within 60 days....."</p> <p>The proposed solution is far too complex to be delivered in 3 months with customization. Will the bank consider implementation in phases?</p>	<p>The delivery schedule is revised as follows & is applicable to all the relevant sections of RFP:</p> <p>1). 4 months for Customisation & delivery from the date of Purchase order and</p> <p>2). Next 2 months for UAT & go live both at DC & DR sites with all reports.</p>

5	Section IX: Terms and Conditions of Purchase 6. Liquidated Damages	Delivery of customized version for UAT within 90 days of placement of PO & customized version at DC-DR (Treasury Br, Mumbai Kolkatta reply)	Dependant on the data size to be migrated from legacy system(s). Is extension of the delivery days possible – factoring the time required for `Historical Data Migration`. Which (Historical Data Migration) in itself is a major activity in the `Project`.	---Same as given in Sl. No. 4---
6	Section III Instruction to Bidders	The bidder should indicate the cost of upgrade, to global Treasury Solution as an optional item in the Bill of material in the commercial bid covering Hardware, Software, Network, Interface with dealing systems in a secured environment	Is the vendor expected to quote for AMC also in this regard. If so, for how many years and from when. Will the quote be considered in the calculation of TCO?	Yes, For period of AMC, please refer to Sl. No. 13 of Section-IX on Page no. 24 of RFP. Yes
7	ANNEXUR E 11	List of functionalities in existing Treasury Solutions at Overseas Centers	The bidder has done overseas implementations and has experience in delivering product as per country specific regulations and Market standards. Please clarify whether the scope of the existing project includes 2 separate treasury installations at Singapore and HongKong Center apart from the Mumbai treasury. If Yes, Is the functionality expected at these centers covered completely in the RFP annexures? Also please provide us with the country specific regulations and MIS expected.	Yes The country specific regulations and MIS expected are given as follows:-- I). Hongkong Centre:-- 1).Country specific regulation: In case the bank implements the Global Integrated Treasury Solution, an MOU would have to be executed between UCO Bank Hongkong & UCO Bank, Head Office, India and the copy of MOU will be sent to Hongkong Monetary authority (HKMA). 2).MIS expected: ➤ Daily open Fortnight position ➤ Weekly investment position ➤ Monthly investment position ➤ Quarterly investment position

				<ul style="list-style-type: none"> ➤ Foreign exchange maturity report ➤ Foreign exchange outstanding report ➤ Interbank borrowing & lending report on maturity basis ➤ Interbank borrowing & lending report on outstanding basis ➤ Investment outstanding report ➤ Trial balance currency report ➤ Our Nostro balance ➤ Nostro accounts of other banks with us ➤ Return of HKD Interbank transactions ➤ Foreign Currency position <p>II). Singapore Centre:-- 1).Country specific regulation: Provided in part-V-A 2).MIS expected: Provided in part-V-B</p>
8	MAIN RFP	Technical Specifications	It has been mentioned that Before going Live, 1 day conceptual training to the forex dealing officers of B Cat branches should be provided at Training Centers at 6 different locations. Please clarify whether this will entail training in centers across the country or within centers in Mumbai itself.	Training will be provided at 6 training centres across India.
9	Annexure -II 2 Database Requirements	2.3 Ability of the database to support clustering. Indicate the number of clusters that can be configured.	Please clarify if bank wants database to support active-active clustering by utilizing all servers in cluster and provide non-stop service availability, performance and protection to business	The bidder has to comply with the system uptime requirement as defined in SLA and accordingly he has to provide the required clustering.

10	SECTION IX: TERMS & CONDITIONS OF PURCHASE 1. SCOPE OF WORK 1.21.	The Bidder needs to deploy performance monitoring tools to monitor CPU/Memory/Hard Disk/NIC utilization of all servers at both the Primary & DR Site, health check-up & data replication status of DR Site etc.	please clarify If Bank wants to have tool to monitor the database performance and seek recommendation to improve the performance and provides detailed information to assist on Root cause analysis.	Yes
11	SECTION IX: TERMS & CONDITIONS OF PURCHASE 1. SCOPE OF WORK 1.27.	All the reports made available at the primary site must also be available at the DR Site simultaneously for downloading & printing. Separate Report Servers must be factored at Both the Primary Site & DR Site.	Please clarify If bank wants to use the DR infra for reporting purpose in real time and simultaneously have 100% data protection without investing in additional report server infra at DC and DR.	Separate Report Servers to be factored at both DC & DR. The DR site will have two instances of production database. The first instance of database will be a copy of production database as at the last EOD(End of Day) at production site which would be accessed daily over network by users for generating all MIS related reports. The second instance of database at DR site would be a replica of production database at production site . It would be updated every 15-30 minutes to keep in sync with production database. This second instance would be of the database that will be used to continue the business operations in case any disaster happens at production site.
12	17. HARDWARE SIZING	The system should be capable of keeping on line data at least for 5 years. Thereafter the system should provide purging & archival of data. The response time at client end should be always less than 3 second.	Please clarify if bank wants the system to be built on foundation of Information Life cycle Management where old data is retained in the database with latest data such a way that does not incur additional storage cost, effort to manually archive, restore and retrieve the data without any changes to application.	The system should be capable of keeping on line data at least for 7 years. Thereafter the system should provide purging & archival of data. The response time at client end should be always less than 3 second. The system should be able to comply with this requirement and simultaneously should also maintain the desired system performance, response time etc. as defined in

				SLA.
13	18. MONITOR ING & AUDIT	<p>Compliance with security best practices may be monitored by periodic computer security audits / Information Security Audits performed by or on behalf of the Bank.</p> <p>The periodicity of these audits will be decided at the discretion of the Bank. These audits may include, but are not limited to, a review of: access and authorization procedures, backup and recovery procedures, network security controls and program change controls.</p> <p>The bidder must provide the Bank access to various monitoring and performance measurement systems. The bidder has to remedy all discrepancies observed by the auditors at no additional cost to the bank.</p> <p>For service level measurement, as defined in SLA, data recording is to be captured by the industry standard tools implemented by the Vendor. These tools should be a</p>	Please clarify if bank wants to use central repository to store all audit trails and provide audit compliance reporting as per the security guidelines to the auditors.	Yes

		part of the proposed solution.		
14	Annexure -I Data Archiving :	<p>15.6.1 The system should be able to archive transactional database records to prevent long term speed concerns. Archived data should always be available in the system. The user at all points of time should be able to access and print archived data</p> <p>15.6.2 System should support archiving of data that are beyond a specified time horizon. This should be parameterizable.</p> <p>15.6.3 Export of data to secondary storage device should be supported by the system.</p> <p>15.6.4 System should support data retrieval – from the specified archives. The archival and retrieval programs should facilitate easier analysis of old data</p>	Does bank wants to keep the data in the system in such a way that meets the retention/archival policy and still be able to maintain the performance of the system without manual archival and restoration effort in a much cost effective manner.	Yes
15	19.2 Database Security	<p>19.2.1 The system should allow users to be controlled (creation, activation, deactivation, deletion etc.) by a specific administrator</p> <p>19.2.4 The system should have the ability to provide or restrict access privileges based upon hierarchy and multiple criteria</p> <p>19.2.5 The systems should provide role based modular access for front, middle and back office that can be customized</p> <p>19.2.6 The system should allow for setting of each user profile without any hard coding</p> <p>19.2.7 All databases should have database locking features in the situation that there are multiple access and updates on the same record</p>	Does the bank intend to have a separate administrator role to explicitly control the user creation, deactivation, deletion etc. and pro-actively safeguard application data stored in the database. Restrict access by unauthorized database users, even privileged users—by using powerful access controls built into the database	Yes

16	19.3 Password Management	<p>19.3.4 System should allow access to users only through screens</p> <p>19.3.5 No access should be allowed at a database level to users</p> <p>19.3.6 The system should be able to facilitate operational security and be able to restrict access through passwords at:</p> <p>19.3.6.1 System level</p> <p>19.3.6.2 Application level</p> <p>19.3.6.3 Product level</p> <p>19.3.7 The system should be able to classify authorization by means of trading rights</p> <p>19.3.8 The system should be able to facilitate defining authorization levels</p> <p>19.3.9 The system should be able to restrict back office users from front office privileges based on user profile</p> <p>19.3.10 The system should be able to restrict front office users from back office privileges based on user profile</p>	<p>please clarify if operational security controls means centralized audit policy management , preventing ad-hoc access to application data, changes to application structures, and access to application data by privileged users like system admin, database admin etc.</p> <p>Also please clarify if classify authorization means enforcing data classification based access control at the row level and multi-level security.</p>	Yes
17	19.5. Audit trail	<p>19.5.1 System should have an audit trail file management capability</p> <p>19.5.2 Exception reporting in case of any modified data</p> <p>19.5.3 The system should have the ability to generate a detailed audit trail on a daily basis for the following minimum features:</p> <p>19.5.3.1 Attempted unauthorized logins</p> <p>19.5.3.2 Time of login and logout</p> <p>19.5.4 All transactions should be time stamped with user ID along with details of modification, if any</p> <p>19.5.5 Details of databases accessed</p>	<p>Please clarify if bank wants a central repository to store audit trail data and provide reporting and alerting with details like who did, what, to which data and when, thereby, enforcing the trust-but-verify principle.</p>	Yes

		<p>and modified by the users</p> <p>19.5.6 The system should have the ability to store and track all system events, including corrections and cancellations by multiple criteria</p> <p>19.5.7 The system should allow deal amendments only after creating an audit trail</p>		
18	19.8 Segregation of Duties	<p>19.8.1 The duties of System administrators, Security administrators, User Groups should be clearly segregated</p> <p>19.8.2 At different levels of a deal, different dealers are to be involved i.e., the dealer who booked should not be the verifier.</p> <p>19.9.3 Administration of the System should be checked by Tech Audit</p>	Please clarify if bank wants to enforce strong operational security controls to preventing ad-hoc access to application data, changes to application structures, and access to application data by privileged users like SYS admins or DBA's.	Yes
19	55 AUDIT TRAILS	<p>55.1 The system should have the ability to record all modifications and deletions at the trade level</p> <p>55.2 The system should provide logs for all audit trails to the system administrator in case of Entry/Modification/Deletion, Confirmation & Settlement of Deals, Change of Password, Change of Parameter, Change of User Definition with user details, date & time</p>	Please clarify if bank wants a centralized audit policy management mechanism, repository to store audit data and provide reporting and alerting with details like who did, what, to which data and when, thereby, enforcing the trust-but-verify principle.	Yes
20	59 DATA STORAGE	<p>59.1 Data should be stored by the system for at least 7 years</p> <p>59.2 Users should be able to recall data without any coding requirements</p>	Please clarify if bank wants the system to be built on foundation of Information Life cycle Management where old data is retained in the database with latest data such a way that does not incur additional storage cost, effort to manually archive, restore and retrieve the data without any changes to application.	The system should be able to comply with this requirement and simultaneously should also maintain the desired system performance, response time etc. as defined in SLA.

21	Page 18; Section 9; Scope of Work 1.7 –		1.What is meant by “forex trading database”? Does this include branch trading/automation software? 2.Does this RFP include Branch Trading and Automated Dealing software to capture deals from AD Branches online? (This is a very important question. Bank must clarify as it will have a commercial impact)	Forex Trading Database is a database of all Forex transactions handled by Treasury (includes Interbank deals & 'B' Cat branches Trade Finance transactions) In our bank, no 'B' cat branch is permitted for branch trading, hence Branch trading/ automation software is not required.
22	Page 19; Section 9; Scope of Work 1.18		Can this be changed to only outstanding deals to be migrated? If not, can the migration only cover static data and not deals data as deep history of deal data will impact performance	At least Last 7 years historical data available in system has to be migrated.
23	Page 20; Section 9; Scope of Work 1.28		version upgrades; Is the bank willing to pay any service fee for the effort involved in version upgrades during the first 5 year period and beyond?	No change in RFP clause Please refer to section IX , Sl. No. 1.28 on page no. 20 of RFP document.
24	Page 24; Section 9		Information system service and support - As per the architecture, the system would not be available during EOD/BOD operations to the users. What is the purpose of 24*7? Will the system be used by any overseas operations units?	The proposed system is a Global Treasury Package for use of India as well as overseas centres. The system would not be available during EOD/BOD operations to the users.
25	Page 24; Section 9 : Escrow		can the escrow agent be appointed in UK? Will this be acceptable to the bank?	Not acceptable to bank

Part-II (Clarification on Risk Management Queries)

SL. NO	RFP REF. NO.	RFP CLAUSE	QUERY	REPLY/ CLARIFICATION
26	Functional Requirements 15.9.2	Market Risk management (Credence) software	<p>Kindly provide more clarity on the type of data input and output required with the existing Market Risk Management.</p> <p>Will you continue with the old Market Risk Management Software or Bank is looking for a new Market Risk Management System.</p>	<p>Input: individual Security/Deal details-in the Trading Book(AFS+HFT)-Interest bearing, Equity and MF(Debt +Equity) and Forex(i.e Forex (both trading book and banking Book), Derivatives and Options</p> <p>Output: VaR Number in % and in absolute amount –</p> <ul style="list-style-type: none"> ➤ Normal VaR ➤ Stressed VaR (both for one day as well as 10 days holding at 99% confidence level) & ➤ IRC- <p>Portfolio VaR, individual security/deal wise VaR and VaR as per asset class</p> <ul style="list-style-type: none"> ➤ Back tested Result <p>Bank is looking for new market risk management system which is part of Integrated Treasury Solution.</p>
27			<p>Will the vendor has to implement all VaR methodologies or the system should have the capability only?</p>	<p>System should have the capability to compute VaR as per the three methodologies i.e Historical Simulation, Variance-Co-variance and Monte Carlo simulation methods.</p> <p>However, vendor has to implement Variance-Co-Variance method of computing VaR in line with Internal Model Approach (IMA) guidelines of RBI-Normal VaR, Stressed VaR plus IRC.</p> <p>System should have scalability and capability to handle all the VaR methodologies.</p> <p>System should have the capability for back testing in line with RBI guidelines.</p>

28				The solution should provide for Stress Testing of Trading Portfolio(AFS+HFT)-Interest related instruments;Equity,Mutual Funds(Equity and Debt) ,Forex(trading & banking book) and derivatives and options
29	Capital computation 40.10.2 and 40.3.1, 40.3.2,40.3.3			Retain 40.10.2 and rest is duplication and so may be deleted/ignored. Under 40.10.2 Standardized Approach means- Standardized Duration Method or Standardized Measurement Method (SMM) as per RBI guidelines.
30	Functional Requirements 40.13	Risk Distribution	Is this requirement related to risk distribution required to compute market risk?	It may mean distribution of loss on a/c of Loss Event Types i.e (i) business disruption& system failures (ii) Execution delivery & Process Management (iii) Internal fraud (iv) External fraud Employment practices and work place safety
31	Reports 6.135	CMD Report	Please provide the expected output from this report.	1. Attached format of CMD report. 2. Attached format of mid office report. (In Part-IV)
32	Chapter IV – Risk Management Solution		Could you please elaborate on risk measures required to be covered for Security Borrowing / Lending since such transactions are not prevalent in the Indian market. Would the requirement be for monitoring of counterparty credit exposure?	Presently in Indian Market, the requirement of Securities in once portfolio for a short period Or lending the surplus securities for a short period is done through 'Repo" and 'Reverse Repo". Here 'Securities' cannot be construed as borrowed/lent as there involves a simultaneous 'Purchase" and "Sale" on different value dates. This gives the effect of borrowing and lending in securities with the advantage of reduced counterparty risk. Already 'Rep' and 'Reverse Repo" products have been included as a requirement. The requirement for Borrowing/Lending in Securities would have been introduced here as the scope for

				the same is available in most international treasury solutions. The above need would be a forward looking requirement.
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Part-III (Clarification on Treasury Queries)

Sl. No.	RFP Ref. no.	RFP Clause	Query	Reply/Clarification
33	General Requirements Sl. No. 1. 3	Multiple levels: The system should be able to provide full support for multiple organizational levels and relationships. The hierarchies supported by the system should include branches, subsidiaries, agents and within each hierarchy the system should also support multiple access levels for different dealers, back office, mid office, other departments and different levels of management. System should have multiple folders within same category of investment, for e.g. within the AFS portfolio it should have the capability of opening separate folders depending upon the dealers & again within the same dealer folder, the system should be capable of entering multiple products like G-Sec, Corporate Bonds, equity, etc. This logic is only an e.g., the logic of which should be extendable through multiple folder system across hierarchy & treasury products.	Need more clarity and details on subsidiaries and agents. Are you expecting a Branch Dealing System that will be used by agents and subsidiaries to report Forex Merchant transactions for rate taking and position management from central treasury? If yes, then please provide the transaction types that will be reported by agents and subsidiaries. If no, kindly explain your expectations from the system for agents and subsidiaries.	Existing Structure: As of now Customers/Branches take rates from "Treasury" for 'Purchase' and 'sale' of Foreign exchange transactions. Deals input by the dealer in 'Cryptic menu' in "Treasury software-Kastle" can be picked up by Branches operating CBS-software 'Finnacle" for processing in 'Finnacle". The transactions processed by Branches in CBS-Finnacle flows back to 'Treasury software' in 'Kastle' for processing by 'Back office', generation of accounting entries which are uploaded for 'Treasury Branch accounting' in CBS Finacle.

34	Functional Requirements S. no. 15.9.7	Any other exchange platform	Please provide the names of other exchange platforms and the nature of interface that is required between Treasury system and the other exchange platforms.	New Platforms like those for 'Exchange traded options', " Interest Futures "etc could be future requirements. The system should be flexible for integrating the new platforms as and when required.
35	Functional Requirements S. No. 15.10.2	System should automatically generate SWIFT confirmation slips & confirmation letter. System should also be able to handle automatically MODIFICATION / AMENDMENT / CANCELLATION of SWIFT messages	As we understand, SWIFT confirmation slips and confirmation letter refers to SWIFT confirmation messages like MT300 & MT320. Please confirm.	Yes
36	Functional Requirements S. No. 16.00	NOSTRO RECONCILIATION: The system should be able to reconcile treasury transactions with electronically / manual uploaded / manually entered received bank statements on a daily basis. Currency wise/agewise / brachwise outstanding entries.	Is this an essential requirement ?	Yes.
37	Functional Requirements Sl. No. 23.4	Currency options European Style American Style Bermudan Option Single Barrier Double Barrier Knock Out Knock In Window Barrier Average (Asian) Monthly / quarterly strip structures Range Forwards & Ratio Range Forwards (Zero Cost Options)	Following exotic options are not currently allowed in India. Therefore, can you please consider dropping these products? Bermuda option Binary Options – One Touch / No Touch Look back (Fixed & Floating Strike) Compound Option Chooser Options Forward Start Options Ratchet / Cliquet Options Balloon Options	Required (No change in RFP clause)

		Binary Options – One Touch / No Touch Look back (Fixed & Floating Strike) Compound Option Chooser Options Forward Start Options Ratchet / Cliquet Options Balloon Options Currency Range Accruals Fader structures	Currency Range Accruals Fader structures	
38	Functional Requirements Sl. No. 23.6	Equity linked derivatives and other derivative products likely to be allowed / to be used in future by banks	Banks are currently not allowed to trade in Equity Futures & Options traded on exchange. Therefore, can you please consider dropping this requirement?	Required (No change in RFP clause)
39	Functional Requirements	Swaptions Receiver Swaptions Payer Swaptions Forward Start Swaptions	Swaptions are derivative on derivatives which are not currently permitted in India. Therefore, can you please consider dropping this requirement?	Required (No change in RFP clause)
40	Functional Requirements Sl. No. 35.1.9	Binary Options (One Touch / No Touch)	Binary Options are currently not allowed in India. Therefore, can you please consider dropping this requirement?	Required (No change in RFP clause)
41	Functional Requirements Sl. No. 44.1	Facility to capture Trades through Cryptic methods	Is this an essential requirement ?	Yes.
42	Functional Requirements Sl. No. 44.4	System should enable to do cross currency deals with any base currency for e.g. a JPY-US\$ deal could be booked with JPY as base currency	Is this an essential requirement?	Yes
43	Functional Requirements Sl. No.60.15	Equity linked derivatives and other derivative products likely to be allowed / to be used in future by banks	Banks are currently not allowed to trade in Equity Futures & Options traded on exchange. Therefore, can you please consider dropping this requirement?	Required (No change in RFP clause)

44	Functional Requirements Sl. No. 60.26	Securitized Bonds (ABS/MBS/PTC)	Is this an essential requirement?	Yes
45	Functional Requirements Sl. No. 67	WHEN ISSUED	Is this an essential requirement?	Yes
46	Functional Requirements Sl. No. 70.2	System should calculate amortization of all securities in HTM based on Straight Line Method & Effective Interest Method (daily compounding) concurrently with facility to switchover from one method to another	Is this an essential requirement?	Yes
47	Functional Requirements Sl. No. 71.1	The System should be able to keep track of TDS certificates received & due to receive	Is this an essential requirement?	Yes
48	Functional Requirements Sl. No. 73.1.9	Greeks Binary Options (One Touch / No Touch)	Binary Options are currently not allowed in India. Therefore, can you please consider dropping this requirement?	Required (No change in RFP clause)
49	Reports No. 6.126	Overdue Interest Not Booked As Income_No_Months	Please provide the expected output from this reports.	The objective is for "Follow up and accounting purpose".
50	Reports No. 6.127	Overdue Interest Booked as Income_No_Of_Months	Please provide the expected output from this reports.	The objective is for "Follow up and accounting purpose".
51	Reports No. 6.131	Board Note Annexure Category wise	Please provide the expected output from this reports.	The objective is for submitting monthly and quarterly information to the board.
52	Reports No. 6.141	Board Note Annexures for Sale/Purchase	Please provide the expected output from this reports.	The objective is for submitting monthly and quarterly information to the board.
53	Reports No. 7.47	Cost & Yield of outstanding BUY / SELL fgn. Cy resources swap	Please provide more details regarding this report	Formats attached in Part-IV
54	Reports 7.48	Cost & Yield on Sources and Uses - fgn. Cy.	Please provide more details regarding this report	Formats attached in part-IV.

Sl. No.	RFP Ref. No.	Query	Reply/Clarification
55	<p>Section IX: Terms and Conditions of Purchase –</p> <p>1. Scope of Work –</p> <p>Item No. 1.18</p> <p>Data Migration</p> <p>Page No. 19</p>	<p>Please inform the date/year from which data is to be migrated and the approximate data size. Whether the data is to be migrated only from one system or are there multiple legacy systems?</p>	<p>At least last 7 years data needs to be migrated from "Kastle" (Treasury soft ware) ,"Quadryx"(Derivative software.) & Risk Mart (Risk Management Software).</p>
56	<p>Conditions of Purchase –</p> <p>7. Warranties</p> <p>Page No. 22</p>	<p>Future Statutory/Regulatory Changes as required under the directives of Government of India, RBI, CCIL, etc.....</p> <p>1. Future Statutory and Regulatory changes is an all encompassing requirement – the scope of which cannot be judged / defined.</p> <p>2. Hence, can we restrict this to `Regulatory Reports' only. So that, the `Regulatory Report' – either new or changes can be part of Warranty / AMC and make other changes / major initiatives as billable.</p>	<p>1. All regulatory changes to the existing products/reports should be free of cost.</p> <p>2. Any new additions in products or any new regulatory report will be dealt separately.</p>

SR NO	RFP REF. NO.	RFP CLAUSE	BIDDER'S QUERY	REPLY/CLARIFICATION
57	GENERAL		<p>Could you provide us with following information :</p> <ol style="list-style-type: none"> 1. Total Portfolio size and asset class/Product wise breakup 2. Your estimated daily transaction volume by Asset Class/Product (eg Domestic, Forex Derivatives etc). 3. Number of Users/traders Across Front/Mid/Back Office. 	Please refer to Page no. 4 & Sl. No. 9, Section-VI on Page no.14.
58	Chapter I - General Requirement	Set-up of transaction types and associated codes which will be allowed.	System has a comprehensive list of transaction types that are done in Treasury markets. Why is the functionality for adding a new transaction type required?	This is required.
59	Chapter I - General Requirement	Hybrid Products	System handles Preference shares and Convertible debentures work flow. Please mention if you are trading in any other hybrid product.	We handle preference shares and convertible debentures. Traditionally, hybrid product blends characteristics of debt and equity markets like in convertible bonds. However, structured finance has produced a host of innovative hybrid products and the system having the flexibility to handle these products would be required.
60	Chapter V – Back Office Requirement Forex		Does the Bank expect a Branch Dealing System for FX rate taking between Branches and Dealing Room. What is existing process for the same	Please refer to Sl. No. 21 second part 1.3 query's reply.
61	Chapter V – Back Office Requirement Forex		Normally we deliver 2 interfaces. Accounting entries download from iDEAL Treasury to Finacle and Merchant Loans and Deposits upload from Finacle to iDEAL. Please let us know if any other data flows are expected	Interface will be between Treasury solution and CBS and also between Treasury Solution & various other Treasury applications as listed in RFP document. Please refer to Section 15.9 on Page 7 of RFP Annexure-I & section 6 on page no. 62 of RFP Annexure-II.
62	Chapter V : Back-Office Requirement	Multi Currency Bonds	Could you provide us with list of Multi currency Bonds you are currently trading in?	This is required.

63			Business Transactions per day is 1000. Can the bank give the break up according to asset categories (FX, FI etc)	Please refer to Page nos. 4 & 25 of RFP documents.
64			Bank has requested for 50 concurrent licences. What is the break up for these fifty users among Front Middle and Back Office	Please refer to Sl. No. 9 on Page 14 of RFP documents.
65	Sl. No. 67, Page No. 40	When issued	Whether it should be Recording Prices or Price discovery?	Price Discovery

Part-IV (CMD Report Formats) 1). CMD Feedback Report

FOR INFORMATION

(Share Price (NSE) in Rs)

CHAIRMAN AND MANAGING DIRECTOR

EXECUTIVE DIRECTOR

GENERAL MANAGER

Bank Rate	1	6.00%
Repo Rate	2	6.25%
Reverse Repo Rate	0	5.25%
CRR	1	6.00%
SLR	2	24.00%
Inflation (31.10..2010)	0	8.58%
WPI (31.10..2010)	1	141.70
CPI (Sept 2010)		701
Forex Reserve (19.11.2010)		\$294.60 Bn

	Last Year same date	Current Date	Change	Price diff. with Share price
UCO Bank				
ICICI Bank				
Axis Bank				
State Bank of India				
Bank of Baroda				
Bank of India				
Canara Bank				
Union Bank of India				
Allahabad Bank				
Kotak Mahindra Bank				
Indian Overseas bank				
United bank of India				
Oriental Bank of Com				

DAILY FEED BACK REPORT

LIQUIDITY POSITION

(Rs. In Crore)

NDTL AS ON 17.12.2010	
CRR required to be maintained	
CRR Actual to be maintained	
Surplus /Shortfall in products	

SLR REQUIREMENT

(Rs. In Crore)

DTL AS ON 17.12.2010	
SLR required to be maintained @ 24% of DTL	
SLR maintained (% to DTL) including pledged securities under CBLO borrowing if any	
SLR maintained (% to DTL) excluding pledged securities Under , Repo & CBLO borrowing if any as on 12.01.2011	

Call/Notice Lending:

Amount (Rs. In Crore)	Average Rate%	Period (days)

Call/Notice Borrowings:

Amount (Rs. In Crore)	Average Rate%	Period (days)

Overnight MIBOR (CCIL-10.30 am)	
Repo / REV REPO by us with RBI (Rs in crore)	
System's Reverse Repo/ Repo	

Details of CBLO Lending:

Amount (Rs. In crore)	Average Rate%	Period (days)
NIL		

Details of CBLO Borrowings:

Amount (Rs in Crore)	Average Rate%	Period (days)

Inter-Bank Placement (Term Lending)

Counter Party	Amount (Rs.in Crs)	Deposit Date	Period (days)	Rate %	Maturity Date
NIL					
Total	0.00				

Inter-Bank Borrowing (Term Borrowing)

Counter Party	Amount (Rs.in Crs)	Deal Date	Period (days)	Rate %	Maturity Date
NIL					
Total					

Details of Bulk Deposit and CD:

(Amt Rs. In Crore)

Details	Bulk Deposits	CDs (Face Value)	Total
As on 31.03.2010			
Opening Balance			
Mobilized on Date			
Matured on Date.			
Closing Balance			
Wt. Average Cost till date (cost of fund mobilized before 01.04.2010 but outstanding up to date + fund mobilized after 01.04.2010)			
Incremental cost from 01.04.10 till date (2010-			

11) (cost for fund mobilized during 2010-11 only)			
Cost of outstanding deposits as on date			
Maturity Till 14.01.2011 (5 Crores & Above)			
Maturity Till 14.01.2011 (Less than 5 Crores)			
Wholesale deposit & CD mobilized as on 12.01.2011			
1) Cash Liquidity			
2) Investment in Liquid Mutual Fund			
Surplus funds (excluding borrowings through LAF & CBLO and including deployment in Liquid Mutual funds) (1+2)			
Funds available on excess SLR over 24% including borrowings if any (4.91%of DTL)			

Analysis of opening & closing cash surplus / deficit

Sl. No.	Particulars	Amount (Rs. In crore)
1	NDTL	
2	CRR Requirement (For rest of the fortnight)	
3	CRR (Actual) for the fortnight	
4	Surplus/Deficit net of lending borrowing Excess CRR()+ Lending ()-Borrowing ()	
5	Opening balance net of borrowing and lending as on 12.01.2011	
6	Borrowing during the day	
7	Lending during the day	
8	Operational net inflow / outflow	
9	Closing RBI balance (actual) including borrowing (5+6-7+8) as on 12.01.2011	
10	Excess / deficit of closing RBI balance over CRR (Provisional) (9-2)	
11	Closing cash surplus / deficit (actual) excluding borrowing & lending (5+8)	

Analysis of cumulative products

Particulars	Amount (Rs. In crore)
Opening cumulative products (Actual)	
Add : Excess / Deficit of closing RBI balance over CRR (Provisional)	
Closing cumulative products (Provisional)	

Details of our Investments in Certificate of Deposits (CDs) / Commercial Paper (CP):

(Amt Rs. In crore)

Details of our Investments	CD	CP	TOTAL
CDs / CPs outstanding at the beginning of the day			
CDs/ CPs Purchased During the Day			
CDs / CPs Sold/ Matured during the day			
CDs / CPs outstanding at the close of the day			

Detail of CP

(Amt in crore)

Name	Amount	Date of Maturity
IVRCL INFR & Projects Ltd		
Spandana Sphoorthy Financial		
Tantia Construction Co Ltd		
Future Capital Holding Ltd		
Total		

Detail of OBCD

Name	Amount	Date of Maturity
Canara bank		
Union Bank Of India		
State Bank of Travancore		

Oriental Bank Of Commerce		
Central Bank Of India		
Central bank of India		
STATE BANK OF HYDERABAD		
PNB		
Total		

Rates as on 12.01.2011:

	1 Month	3 Months	6 Months	9 Months	12 Months
CD					
CP					
Term money					
USD LIBOR					
Forward Premium(Annualized)					

Details of IBPC Lending

Date of Lending	Name of the Bank	Amt (Rs. In Cr.)	Rate	Date of Repayment
Total		0.00		

Export Refinance from RBI (Eligible Amt Rs. Crore Rate @ 6.25% (Repo Rate) dealt by: **Treasury**)

Date of Availment	Amount (Rs. In Crs)	Rate	Date of repayment
11/01/2011			

Prepayment not allowed except in those cases where the ultimate borrower has prepaid/ fully closed the Loan account against which refinance has been availed of.

Details of Fixed Income Security Transaction

Purchase			Sales			Profit/Loss
Securities	Wt. Av. Rate	Face Value (Rs. In Crs.)	Securities	Wt. Av. Rate	Face Value (Rs. In Crs)	(Rs. In lacs)
SLR Total			SLR Total			
Non-SLR			Non-SLR			
Non-SLR/SLR Total			Non SLR/SLR Total			

SENSEX & NIFTY as on 12..01.2011

INDEX	Open	High	Low	Close	Changes from previous close
SENSEX					
NIFTY					

Details of Venture Capital transactions as on 12..01.2011
(Amt Rs. In Crore)

(Amt Rs. In

Schemes	Amount
	NIL

Details of MF Transactions as on 12/01/2011

Schemes	Amount (Rs. In Crore)
	NIL

Details of MF Portfolio as on 12.01.2011 (Amt. Rs. In crore)

Particulars	Amount
Equity Oriented Scheme	
Liquid Fund	
Total	

Details of share transactions: purchase details as on 12.01.2011

Name of the Company	Qty Bought	Gross rate (Rs.)	Amount in lacs

Total			

Sale Details (Equity) as on 12.01.2011

Name of the Company	Qty. Sold	Gross Rate in Rs	Sale Value in Lacs	Profit in Lacs
Axis Bank				
Kotak Mahindra Bank				
State Bank of India				
Total				

DERIVATIVE DETAILS

(Amt. Rs. In Crore)

TYPE	As on 31.03.10 (Notional Principal)	As on 30.09.2010 (Notional Principal)	Latest (Notional Principal)
Hedging			
OIS			
Back to Back (Swap) *			
Back to Back (Option) *			
Total			
Profit (Booked P&L)			
Amortization			
MTM			

(Trading fully provided)			
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Interest Rate Future Transaction/ Options As On 11.01.2011

(Amt Rs. In Lac)

Security	BUY Amt	Avg. rate (in Rs.)	Sell Amt	Avg. rate (in Rs.)	Day's Turnover	Cum. Turnover	Open Position
NIL							

Details of borrowings from overseas offices and banks

Name of Office/Bank	From	To	Amt in USD	Rate of Intt in LIBOR term
Commerz Bank Fft				
Commerz Bank Fft				
SCB MALASIA				
Commerz Bank FFT				
SCB MALASIA				
WACHOVIA BANK NY				

(The above borrowing are used for PCFC/EBD)

Deployment of Foreign Currency Funds AS OF 11.01.2011

(Amt in USD Mio)

Resources			Deployment		
Category	Amt in USD mio	Cost in %	Category	Amt in USD mio	Yield in %
FCNR etc.,			FCL etc.,		
Reciprocal Deposit			PCFC etc.,		
ECB			Overseas Investment		
BNS Swap(Bal fig covered through swaps)			Converted to INR for INR Desk		

Other Short term Borrowings (Lines of Credit)			Lending to Overseas Branches		
SIDBI			Placed in Deposits (O/N)		
Total					

WIEGHTED AVERAGE OF LAIBILITIES -3.84

WIEGHTED AVERAGE OF ASSTETS- 6.21

Currency Future Transaction

No. of Positions	
Trading T/O (Amount in USD MIO)	
Profit/Loss for the day (Rs .in Lacs)	
Cumulative profit/Loss since 01.04.10 (Rs. In lac)	

Forex Activities as on 12.01.2011

Forex Buisness		Cumulative profit during corresponding period last year
No. of Positions		
Total T/O (Amount in USD MIO)		
Profit/Loss for the day (Rs .in Lacs)		
Cumulative profit since 01.04.10 (Rs. In lacs)		

Details of Trading Profit/Loss as on 12.01.2011

(Amt Rs. In lac)

Details	Profit/Loss for the day	During the quarter (From 01.10.2010)	Cumulative Profit from 01.04.2010	Cum Profit Corresponding period last year	FY 2009-10
SLR BONDS&TB					
NSLR-Bonds/CDs/ CPs/Others					
Equity/MF/VCF					
Sub Total					
Dividend from LMF					
Grand Total					

Valuation of Portfolio.

(Amt Rs. In Crore)

DETAILS	As on 31.03.2010		As on 30.06.2010		As on 30.09.2010	
	Book Value	APP/DEP	Book Value	APP/DEP	Book Value	APP/DEP
Total of SLR (HFT)						
Total of NSLR (HFT)						
Total of SLR (AFS)						
Total of NSLR Equity (AFS)						
Total of NSLR Non-EQ (AFS)						
Total of HTM						
Total						
5 Year GOI Yield						
10 Year GOI Yield						
Depreciation of Portfolio as on 30.09.2010 over 30.06.2010					RS	CR
Transfer of Security from AFS to HTM in 2010-11 :			RS	CR		
Transfer of Security from HTM to AFS in 2010-11:			NIL			

2). DAILY REPORT – FOREX DEALS

DATE: 01-03-2011

DEPUTY GENERAL MANAGER (HO-RMD)

DAILY RISK MANAGEMENT REPORT AS AT 28-02-2011

Forex Deals

1.FX position 28/02/2011

<u>Currencies</u>	<u>Limits in Millions</u>	<u>O/N position(in Millions)</u>	<u>No breach of limits.</u>
<u>CHF</u>			<u>AGL: USD Million against limit of USD Million</u> <u>Forex VaR based on FEDAI rates 1-Day holding period, 99% confidence level)</u> <u>Rs: No breach of day light limit for trading transactions.</u>
<u>EUR</u>			
<u>GBP</u>			
<u>JPY</u>			
<u>USD</u>			
<u>AED</u>			
<u>AUD</u>			
<u>CAD</u>			
<u>HKD</u>			
<u>SEK</u>			
<u>SGD</u>			

In-Millions

<u>IGL</u>	<u>Limits (USDEq)</u>	<u>Max-observed in any bucket</u>	<u>Breach</u>	<u>Remark</u>
<u>US\$</u>				
<u>GBP</u>				
<u>EURO</u>				
<u>JPY</u>				
<u>AGL-Aggregate Limit</u>				

In Millions

<u>Currency Wise Intra Day Limit & Position</u>				
<u>Currency</u>	<u>Limit</u>	<u>Maximum seen from the position sheet</u>	<u>Within limit/ exceeded</u>	<u>Remarks, if any</u>
<u>US\$</u>				
<u>GBP</u>				
<u>EURO</u>				
<u>JPY</u>				

Forex-VaR	Limit	1 day VaR	10 day VaR	Remarks, if any
	Yet to be fixed			
(Based on FEDAI Method)				

2. Counterparty exposure on each bank is being calculated as per current exposure method taking into account the positive MTM and Potential exposure in line with RBI guidelines on a daily basis. We observe that there was no breach.

3. Trading position for Forex outright deals at the end of the day: NIL.

3). DAILY REPORT ON VALUE AT RISK

DEPUTY GENERAL MANAGER (HEAD OFFICE, RMD)

01-03-2011

REG: - DAILY REPORT ON VALUE AT RISK (VaR) AS ON 28-02-2011

VaR and Back-testing figures for entire portfolio: (Historical simulation method-1 day holding and 250 days history)

<u>Date-</u>	<u>MTM</u>	<u>VaR</u>	<u>PV01</u>	<u>Weighte d Avrage MD</u>	<u>Weighted Average Market Yield in %</u>	<u>VaR in %</u>	<u>VaR Limit for on day holding as a % of MV</u>	<u>Viola tion, if any</u>
<u>25-02- 2011</u>	<u>10810.04</u>	<u>38.01</u>						

(Amt In crores)

<u>Date- 1</u>	<u>MTM</u>	<u>VaR</u>	<u>Date- 2</u>	<u>MTM</u>	<u>P/L</u>	<u>Violatio n</u>
<u>25-02-2011</u>						

II. Portfolio wise VaR report as on 28-02-2011- 1 Day holding period and 250 days historical rates:

[Amt. In crores]

<u>Portfolio</u>	<u>Book value</u>	<u>VaR Absolute -1Day</u>		<u>VaR percentage/MTM</u>	
		<u>Limit (0.0% on MV)</u>	<u>Actual</u>	<u>Limit</u>	<u>Actual</u>
<u>Inv</u>					
<u>AFS</u>					
<u>HFT</u>					
<u>HTM</u>			<u>---</u>		<u>--</u>
<u>Total</u>					

M-Duration of AFS Portfolio:

WEEKLY PERFORMANCE OF EQUITY-ACTIVE (AFS+HFT) PORTFOLIO

<u>DATE</u>	<u>PURCH ASE COST (` Crs) (` Crs) (` Crs</u>	<u>MARKE T VALUE (` Crs)</u>	<u>DEPRICIA TION (` Crs)</u>	<u>IMPACT ON DEPRECIA TION INCREASE (+) DECREASE (-) (` Crs) (` Crs)</u>	<u>% AGE INCREASE (+) DECREASE (-) IN DEPRECIA TION (` Crs) Over MV</u>	<u>SENSEX CLOSIN G</u>	<u>% CHA NGE IN SENS EX</u>	<u>1 DA Y VaR AS % OF MV</u>

(3) MARKET MOVEMENTS:-

EQUITY: -

<u>Index</u>	<u>28-02-2011</u>			<u>TODAY'S OPENIN G</u>
	<u>CLOSING</u>	<u>HIGH</u>	<u>LOW</u>	
<u>Sensex</u>				
<u>NSE</u>				

G-Sec Benchmark closing yields

			<u>Current date</u>	<u>Previous Day</u>
<u>Coupon</u>	<u>Maturity (mm/dd/yy)</u>	<u>Years</u>	<u>Yield (Semi- annual)</u>	<u>Yield (Semi- annual)</u>
<u>7.40</u>	<u>05/03/12</u>	<u>1</u>	<u>7.41</u>	<u>7.48</u>
<u>7.27</u>	<u>09/03/13</u>	<u>2</u>	<u>7.65</u>	<u>7.71</u>
<u>7.32</u>	<u>10/20/14</u>	<u>3</u>	<u>7.90</u>	<u>7.96</u>
<u>7.17</u>	<u>06/14/15</u>	<u>4</u>	<u>8.01</u>	<u>8.06</u>
<u>7.99</u>	<u>07/09/17</u>	<u>6</u>	<u>8.03</u>	<u>8.06</u>
<u>7.80</u>	<u>05/03/20</u>	<u>10</u>	<u>8.01</u>	<u>8.07</u>
<u>8.13</u>	<u>09/21/22</u>	<u>12</u>	<u>8.09</u>	<u>8.13</u>
<u>8.26</u>	<u>08/02/27</u>	<u>17</u>	<u>8.47</u>	<u>8.51</u>
<u>8.30</u>	<u>07/02/40</u>	<u>30</u>	<u>8.52</u>	<u>8.54</u>

(4) ANALYSIS (Observations):-

4.1. COMPARISON OF ACTUAL AND BACKTESTED PORTFOLIOS (EQUITY –AFS+HFT):-

(In ` Crore)

<u>PARTICULARS</u>	<u>PURCHASE COST</u>	<u>MARKET VALUE</u>	<u>DEPRECIATION</u>
<u>Backtested Portfolio (Portfolio of 28-02-2011, valued at prices of 01-03-2011)</u>			
<u>Actual Portfolio (Portfolio of 28-02-2011, valued at prices of 28-02-2011)</u>			
<u>5.61</u>			
<u>Decrease in depreciation- Backtest (loss)</u>			

Thus the depreciation has decreased by 6.92 crores (on the portfolio of 28-02-2011 valued off at prices of 01-03-2011) from ` portfolio of 28-02-2011 valued off at prices of 28-02-2011).

4.2. BACKTESTING –EQUITY-ACTIVE (AFS+HFT) PORTFOLIO:-

(In ` crores)

<u>Particulars</u>	<u>Amount</u>
<u>1 Day VaR on 28-02-2011 (using Bloomberg)</u>	
<u>(a) Actual 1 Day Profit /Loss ason 28-02-2011</u>	
<u>(b) 1 Day Profit /Loss (Backtested portfolio) price as on 01-03-2011</u>	
<u>Violation</u>	

Portfolio VaR arrived from Bloomberg at 99% confidence level for holding period 1-day. Methodology: Historical 1-Year. VaR as a % of MTM=2%.

Chief Manager
Mid Office
Treasury Branch
Mumbai

4). DAILY RISK MANAGEMENT REPORT(MID OFFICE)

DATE: 01-03-2011

DEPUTY GENERAL MANAGER (HO-RMD)

DAILY RISK MANAGEMENT REPORT AS AT 28-02-2011

PART A - EXPOSURE LIMITS PRESCRIBED BY RBI

A. 1. PRUDENTIAL EXPOSURE LIMITS:

There is no breach on account of fresh investment exposure.

A. 2. CALL / NOTICE MONEY MARKET OPERATIONS (breach of limit, if any)

Prudential Limit for transaction in Call money/notice money market (in crore)

Maximum daily limit for Borrowing	Outstanding As on date	Maximum Borrowing Limit on a fortnightly average basis	Average balance During current fortnight
125% of capital fund i.e .	0.00 Cr.	100% of capital fund i.e	0
Maximum daily limit for Lending	Outstanding As on date	Maximum Lending Limit on a fortnightly average basis	Average balance During current fortnight
50% of capital fund i.e .		25% of capital fund i.e	

* The average balance till date during the current fortnight.

There is no breach of prudential limits prescribed by RBI.

A. 3. CROSS HOLDING OF SECURITIES in BANKS / FIs.

The position of actual investments vis-à-vis ceilings prescribed by RBI (contained in Master Circular on Exposure Norms Dt. 01.07.2010, is as under: - (in crore.)

Investment in	Outstanding
Banks – Tier II Bonds	
Banks – Equity shares	
FIs – Equity shares	
Banks/ FIs – Preference shares	
Total -	
CEILING as per Prudential Norms [i.e. 10% of Bank's Capital Funds (Tier-I+Tier-II), as per Business figures as at 31.03.2010]	

The exposure is within the ceiling.

A. 4. EXPOSURE TO CAPITAL MARKET

(` in crore.)

Investment in	Outstanding
Equity Shares (excluding identified All India FIs equities, pref. shares and institutions forming crucial financial infrastructure as per RBI circular DBOD BC 14/13.03.00/2010-11 dated 01.07.2010)	
Convertible Debentures/ Bonds	
Mutual Funds-Equity oriented	
Exposure to Venture Capital Funds (sanctioned excluding redemption)	
Equity investments in Asset Reconstruction Companies	
Exposures of foreign branches	
TOTAL DIRECT INVESTMENTS	
CEILING as per Prudential Norms [i.e. 20% of Bank's net worth, within overall ceiling of 40% of Bank's net worth fixed for aggregate exposure to capital market, given below – applicable for the year 2010-2011]	
Aggregate advances forming part of exposure to capital market (20% of net worth of the Bank as on 31.03.2010-applicable for the year 2010-2011) [Ceiling as per Credit Policy (LA circular no. 21 dated 27.03.2010) works out to ` . crores]	
Additional exposures not included above	
Exposures of foreign branches	
AGGREGATE EXPOSURE TO CAPITAL MARKET-	
CEILING: 40% OF BANK'S NET WORTH AS ON 31st March, 2010 applicable for the year 2010-2011 (Net Worth of the Bank as on 31.03.2010 was ` crores)	

* Out of the above, the actual outstanding investment in venture capital fund was `0.00 cr. on date.

** (a) Aggregate limits sanctioned `0.00 crores (b) Exposure `0 cr. (as on 31.12.2010), the higher of (a) or (b) is reckoned for this purpose.

The direct exposure to capital market and total capital market exposure is within the ceiling.

PART B - LIMITS AS PER INVESTMENT POLICY

B. 1. INDUSTRY/SECTOR-WISE EXPOSURE LIMITS (excess made on date):

B. 2. EXERCISE OF POWERS (vested powers exceeded, if any) – No breach

B. 3. CUT-LOSS TRIGGER IN TRADING OF GOVT. SECURITIES (G-Sec under HFT): no breach. No securities held under 'HFT'.

S No	SECURITY	MATURITY DATE	NUMBER OF UNITS	BOOK VALUE (Rs.in Cr.)	BOOK RATE	CLOSE PRICE FIMMDA	CUT- LOSS TRIGGER	
							TP1*	TP2*

*Trigger Prices.

B. 4. CUT-LOSS TRIGGER IN TRADING OF EQUITY (Equity under HFT category): No breach

S No	SECURITY	NUMBER OF SHARES HELD	BOOK VALUE (Rs. in Lacs.)	MARKET VALUE (Rs. in Lacs.)	BOOK RATE	CLOSE PRICE AT BSE/NSE	CUT- LOSS TRIGGER*	
1								
2								

*T

		Actual
Portfolio Beta-including IFCI	not >1.50	
Portfolio Beta-excluding IFCI	not >1.30	

Trigger Prices.

PART C - OTHER LIMITS

C. 1. MARGIN FOR CCIL TRADES – Utilisation percentage:

Batch I

0.00% Batch II 0.00% Shortfall (if any) NIL

Positions reported in Part A and Part B are based on data available from back office software K+TP.

SLR-Non-SLR Investments

In crores

Ceiling On Investment				
SLR Securities	% Ceiling of SLR	O/S	%	Remarks
Central G-sec Including TBs	No Limit			
State Govt Loans				
Other Approved Securities				
RRBs				

Cut Loss Limits- For HFT Portfolio				
Trading Govt & Other Fixed Income Securities				
Residual Maturity	PV01 Limit	o/s position if any	Within limit or exceeded	Remarks
Up to 5 years				
>5 years and up to 10 years				
>10 years & up to 15 years				
15 years and above				
Cumulative depreciation in HFT at any point of time				

Ceiling on Investment			
Non SLR	% Ceiling of Non SLR	O/S	%
Shares in Joint Stock Cos			
Units of MF (Equity oriented/balance)			
Venture Capital Funds			
Units of MF (Debt oriented excluding Liquid Funds)			
Units of MF-Liquid Funds			
PSU Bonds & Non SLR Sec (Oil, Food & Fertilizer bonds)			
Corporate Debentures			
Commercial Paper			
RIDF/NHB/SIDBI			
Other Banks' CDs			
Others (Security Receipt/PTC etc)			

Unutilized limit for investment in Joint Stock Companies, may be utilized for investment in Equity oriented MFs(including Index Funds) or vice versa subject to prudential limit fixed by RBI/Bank for capital market			
Unutilized limit for investment in Debt Oriented MFs (excluding liquid funds) may be used for investment in Liquid Mutual Funds.			
Trading Ceiling under HFT	Ceiling	O/S	Within limit or exceeded
Trading in Non SLR securities maximum limit (Face Value)			
Overall Maximum Limit for Trading under HFT (Face value)			

Over Night Indexed Swaps-Trading Position

NIL

OIS Deals Done Today									
									(Rs in Cr)
Contract	Fixed	Issue	Maturity	Fixed Rate in %	O/S Notional	Receive MTM	Pay MTM	Net MTM	PV01
	*R or P								
Total									

Particulars-(Rs in Cr)	Limit	O/S	Remarks
(A)Gross Notional-Trading Portfolio			
(B)Overall Stop Loss limit for IRS (including OIS)&FRA for the financial year			
(C) out of (B) above, Net PV01 Limit for the trading portfolio			

Chief Manager
Mid Office
Treasury Branch
Mumbai

5). CORE FUND FLOW REPORT

						GM (T&IW)	ED	CMD	
DATE 03-03-2011									
14/10/2010									
Fortnight Period	01-Mar-11	03-Mar-11	4th-11 Mar2011	12 Mar-25 Mar2011	26 Mar-31 Mar2011	01 Aprilr-8 Apr2011	09 Apr- 22 Apr 2011	23 Apr-6 May2011	7 May-20 May 2011
Estimated Core Balance with RBI as at the beginning of fortnight/ (Estimated Closing bal of previous day in case of current fortnight)									
Previous fortnight Surplus/Deficit									
Adjusted Opening Balance									
Known Inflows									
Swap Maturity (Forex) Cash / Spot									
REPO BORROWING									

G-Sec. (GOI/State Govt.)									
Sale of Securities/Maturity									
Repayment of CBLO Lending/Call Lending/Reverse Repo									
Interest on securities									
CBLO Repayment of Lending									
Mutual Fund Repayment									
OBCD INFLOWS (OUR INVESTMENT)									
Deposit Intflow									
CP									
Call Lending Repayment									
CD Inflows									
clearing/RTGS									
TOTAL INFLOWS								0.00	0.00
Known Outflows									
Bulk Deposit Maturity								1507	1126
CD Outflows								1415	2970
CBLO Lending									
T.Bill/Purchase of Securities/Auction									

Annual Int. Payment									
Mutual Fund Investment									
FOREX									
CALL Lending									
clearing/RTGS									
TOTAL OUTFLOWS									
Net Inflow/Outflow									
Closing Balance									
Less: CRR Requirement for the fortnight (In case of current fortnight Average Requirement for remaining days)									
Surplus / (Deficit)									
Placement/Borrowing in the Overnight Market									
NOTE : Prepared on the basis of known inflows and outflows only.									

Report No. 7.47

COST AND YIELD OF OUTSTANDING BUY-SELL FOREIGN CURRENCY RESOURCE SWAPS

(as at DD.MM.YYYY)

Total Amount of FC Funds generated through Buy-Sell Swaps (USD mio)		1
Equivalent Rupee Funds (Rs in crores)		
Swaps' Amount with <u>upto</u> 3 months tenor (in USD mio)		
Swaps' Amount for more than '3 months (in USD mio)		
Weighted Average Cost (%)	[A]	1
Amount Deployed in PCFC (in USD mio) :		
Amount Deployed in FCL (in USD mio)		
Weighted Average Yield on Deployment (%)	[B]	
SPREAD AVAILABLE (%)	[B-A]	4

Report No. 7.48

UC O	BANK TREASURY BRANCH MUMBAI Sources and Uses of Foreign Currency Funds 14.05.2010				(US\$ in million)		^	
	Liabilities	Cost	Amount	Assets	Amount			
	FCNR (B)			PCFC				
	EEFC			EBR				
	RFC			FCNR (b) Loan				
	RFC(D)							
	Fgn.Curr.Funds Gen			Lending to Overseas				
	Swaps for funding the			Out of which reciprocal depos				
	Lending to Overseas			Balance				
>	Borrowing from			Lending to Indian				
	Overseas Branches(our			Banks'overseas				
	Borrowing from			:				
	Indian Branches(other			Lending to Overseas				
	Borrowing from			banks				
	Overseas banks							
	Borrowing from overseas ¹			Lending to indian br/other				
	branches (other Indian							
	Borrowing from							
	Indian Branches(Fgn Bk)			Indian Br (For Bk)				
	Intt.Accrued and			swaps on ac of				
	payable in fccy			excess funds/arbitrage				
	Swaps for funding Oth			Lending to Indian br(our bk)				
	For. Curr. Assets			1				
	Total			Total				
				Asst Manager				
	Surplus FCNR(B)/EEFC/RFC/RFC(D)							

Part-V-A (Singapore – Country specific Regulations)

		Annexure
SI No	Ref No of original document	Description
		<i>MAS - IBTRM guidelines</i>
1	8.1.1	Before an outsourcing vendor is appointed, due diligence is carried out to determine the viability, capability, reliability, track record and financial position of the outsourcing vendor.
2	8.1.1	The contractual terms and conditions governing the roles, relationships, obligations and responsibilities of all the contracting parties are carefully and properly defined in written agreements.
3	8.1.2	The contractual agreement with the outsourcing vendor includes the provision of access to all parties nominated by the financial institution to its systems, operations, documentation and facilities to carry out any review or assessment for regulatory, audit or
4	8.1.2	The power of regulatory authorities under the Banking Act to carry out any inspection, supervision or examination of the service provider's role, responsibilities, obligations, functions, systems and facilities is specified in the contractual agreement
5	8.1.3	Financial institutions and outsourcing vendors must observe the requirements of banking secrecy under the Banking Act. The contracts and arrangements with outsourcing vendors take into account the need to protect the confidentiality of customer information as well as the necessity to comply with all applicable
6	8.2.1	The outsourcing vendor is required to implement security policies, procedures and controls that are at least as stringent as the financial institution's own operations.
7	8.2.1	The security practices and processes of the outsourcing vendor is reviewed and monitored on a regular basis.
8	8.2.1	A process of monitoring service delivery, performance reliability and processing capacity of the outsourcing vendor is established for the purpose of gauging ongoing compliance with agreed service levels and the viability of the outsourced operations.



9	8.3.1	A disaster recovery contingency framework which defines the role and responsibilities of the outsourcing vendor is defined. The framework includes documentation, maintenance and testing of the outsourcing vendor's contingency plans and recovery procedures. The disaster recovery plan is reviewed, updated and tested regularly in accordance with changing technology conditions and
10	8.3.2	A contingency plan is established based on credible worst case scenarios whereby the outsourcing vendor is not able to continue operations or render the services required. The plan incorporates the identification of viable alternatives for resuming the financial institution's internet banking operations elsewhere.
Guidelines on Outsourcing		
11	2.1	In supervising an institution, MAS will review its implementation of these Guidelines to assess the quality of its risk management systems.
12	2.4	An institution should notify MAS when it is planning material outsourcing. (Material outsourcing means an outsourcing arrangement which, if disrupted, has the potential to significantly impact an institution's business operations, reputation or profitability.
13	2.6	MAS should also be notified of any adverse development arising in outsourcing that could significantly affect the institution. Any breach of legal and regulatory requirements by the service provider should also be notified to MAS.
14	2.7	MAS may require an institution to modify, make alternative arrangements or reintegrate an outsourcing into the institution.
15	4.1	MAS' supervisory powers over institutions and ability to carry out supervisory functions should also not be hindered.
16	4.2	The institution also needs to maintain the capability and appropriate level of monitoring and control over outsourcing, such that in the event of disruption or unexpected termination of the service, it remains able to conduct its business with integrity and competence.
17	5.2	An institution should undertake periodic reviews of its outsourcing arrangements to identify new material outsourcing risks as they arise. Material outsourcing risks may also arise when the service provider in a material outsourcing plans to sub-contract the service or makes significant changes to its sub-contracting arrangements.
18	6.1.1	The board and senior management of an institution retain ultimate responsibility for the effective management of risks outsourcing.

19	6.1.3	For an institution incorporated or established outside Singapore, the functions of the Board may be delegated to local management, i.e. regional risk management committee. Local management cannot abrogate its governance responsibilities to run the institution in a
20	6.2.1	The Board and Senior Management would need to be fully aware of and understand the risks in an outsourcing and their impact on the institution. A framework for systematic risk
21	6.2.2	Such evaluations should be performed when an institution is planning to enter into an outsourcing agreement and also re-performed periodically on existing arrangements.
22	6.3.1	An institution should subject the service provider to appropriate due diligence to assess its capability to employ a high standard of care in performing the service and comply with its obligations under the outsourcing agreement Where possible, the institution should obtain independent reviews and market feedback on the service provider
23	6.3.3	Due diligence undertaken during the selection process should be documented and re-performed periodically as part of the monitoring and control processes of outsourcing. An institution should ensure that the information used for due diligence evaluation
24	6.4.1	Contractual terms and conditions governing relationships, functions, obligations and responsibilities of the contracting parties should be carefully and properly defined in written agreements. They should also be vetted by institution's legal counsel on their
25	6.4.2	An institution should ensure that every outsourcing agreement addresses the risks and risk mitigation strategies identified at the risk evaluation and due diligence stages.
26	6.5.1	It is vital that an institution satisfied itself that the service provider's security policies, procedures and controls will enable the institution to protect confidentiality and security of customer information.
27	6.5.2	An institution should be proactive in identifying and specifying requirements for confidentiality and security in the outsourcing
28	6.5.3	An institution would need to take into consideration any legal or contractual obligation to notify customers of the outsourcing and circumstances under which their information may be disclosed.
29	6.6.1	An institution should ensure that its business continuity preparedness is not compromised by outsourcing.
30	6.7.1	An institution should establish a structure for management and control of outsourcing.

31	6.8.1	Outsourcing should not interfere with the ability of the institution to effectively manage its activities or impede MAS in carrying out its supervisory functions and objectives.
32	6.8.2	Institutions should conduct pre and post-outsourcing implementation
33	6.8.3	An institution should atleast on an annual basis review the financial and operational condition of the service provider to assess its ability to continue to meet outsourcing obligations. An institution should also periodically commission independent audit by its internal/external auditors.
34	6.9.1	In its risk management of such outsourcing, the institution should look into country risk - economic, social and political conditions and events in a foreign country that may adversely affect the institution.
35	6.9.3	MAS may require an institution to terminate or make alternative outsourcing arrangements if the confidentiality of its customer information or the ability of MAS to carry out its supervisory functions cannot be assured.
Guidelines vide Section 47 of Banking Act		
36	Part II - Item 3	<p>Disclosure is solely in connection with the performance of operational functions of the bank where such operational functions have been out-sourced.</p> <p>Any person including the head office of the bank or any branch thereof outside Singapore which is engaged by the bank to perform the out-sourced functions</p> <p>If any out-sourced function is to be performed outside Singapore, the disclosure shall be subject to such conditions as may be specified in a notice issued by the Authority or otherwise imposed by the Authority.</p>
Guidelines on Business Continuity Management issued by MAS		
37	2.5.5	Before contracting with external service providers, institutions should satisfy themselves that the risk resulting from outsourcing remains within levels permitted by their operational risk management policies and does not compromise business continuity preparedness. They should ensure that their service providers have BCP in place that is equal to, if not more robust than, their own. Institutions should proactively seek assurances that their service providers' BCP are regularly tested.
38	2.5.6	Following the appointment of external service providers, it is vital that institutions continue to monitor their financial well-being and gather market intelligence to discern early warning signs of potential problems.

39	2.5.7	In addition, institutions should mitigate the risk of unexpected termination or liquidation of key service providers that their critical business functions depend on. This is because institutions may take many months to implement an alternative solution. To this end, institutions should take reasonable steps to retain an appropriate level of control and reserve the right to intervene with appropriate measures to continue their critical
40	2.5.8	Ultimately, the risk of interdependency lies with the institutions and cannot be 'assumed' away. Institutions are responsible for balancing the risk and cost tradeoffs, address the risk adequately and take reasonable steps that are commensurate with the criticality of the business function as well as the size and nature of operations.

Part-V-B (List of MIS Report expected for Singapore Centre)

UCO BANK, SINGAPORE

Major MIS Reports

No	Name of Report / Requirement In Addition to the MIS / Query Available in Existing MIDAS System
1	Daily Statement of overnight exchange position
2	Monthly Currency GAP Report
3	ALM-O-1- Statement of Interest Rate Sensitivity
4	ALM-O-2- Statement of structural liquidity
5	Stress Test on Liquidity – H.O Risk Management
6	Various Exposure Reports , like Exposure on Indian Banks and Banks incorporated outside India
7	Overdraft in NOSTRO A/cs
8	Duration of Investment Portfolio
9	Borrowing & Lending (Bank)
10	Statement of outstanding investments (CMR-O-8 Format)
11	Statement of Market valuation of CLNs/CDS
12	Regulatory - Daily Liquidity Position ,Minimum Liquid Asset , Minimum Cash Balance
13	Regulatory - Asset Maintenance Requirement (AMR) and Related Reports
14	Regulatory - Net Adjusted Capital Funds (DBU, ACU And Total) as per MAS Notice 601 http://www.mas.gov.sg/legislation_guidelines/banks/notices/Notice_601_Capital_Funds_Net_Head_Office_Funds.html
15	Regulatory Monthly Submission as per MAS Notice 613 . A separate software by FRS Global mapped with our MIDAS System . FRS generates the monthly regulatory reports based on the data in MIDAS . Liquidity Reports as per MAS Notice 613 is to be generated . Link for the reports is provided hereunder ; http://www.mas.gov.sg/legislation_guidelines/banks/notices/MAS_Note_613.html http://www.mas.gov.sg/resource/legislation_guidelines/banks/notices/MAS_613_Forms_17_Sep_2010.pdf Return on Monthly Foreign Exchange Business Transacted by Banks, Merchant Banks and Asian Currency Units , Details of the Statement is available at http://www.mas.gov.sg/resource/legislation_guidelines/banks/notices/MAS%20610%20-%20Appendix%202.pdf
16	Report On Bank Exposure
17	FX Deals By Customers
18	Country Wise Exposure Of Lending To Banks

19	Statement Of Interest Rate Sensitivity For SGD Currency
20	Statement Of Interest Rate Sensitivity For USD Currency
21	Proprietary Trade Report – FX , Bonds
22	Daily Borrowing & Lending
23	Monitoring of Limit Expiry date
24	Real-time Daylight Position Report & Exception Report
25	Money Market borrowing & Lending
26	Cost of Customer Deposit and Bank Borrowing as on Date.
27	Monitoring of Limits - Bank & Customer , in Actual Currency and SGD Equiv
28	System should facilitate real time enquiries to assess the current position of bank with regards to bank exposure, country exposure
29	Proposed Software should address the issue that “ Country exposure report shows exposure on account of money market lending only. It does not include Forex or all other exposures (trade) taken by other dept. The report does not indicate limits for the various countries.
30	System should automatically generate tracers to counter party for non-receipt of confirmations as we receive from many banks .
31	Exception report should be generated showing breach of various risk limits like bank exposure, country exposure, daylight , overnight, currency wise gap statement, stop loss statement.
32	Projected Nostro balances for any day should be generated by the system
33	Mark to Market of outstanding FOREX swaps as per FRS to be automated .
34	Real Time Balance of SGD Inflow/Outflow based on the reporting (online) by various departments.
35	Report on Current Net Trading Position.
36	Automation of Deals executed by dealing Room and Dealers Pad for Back-Office checking .
37	Auto-pick of Reuters etc rates for revaluation.
38	Deals Done Through Brokers
39	STATEMENT ON CREDIT RISK ON MARKET RELATED OFF BALANCE SHEET ITEMS
40	CAPITAL ADEQUACY MONITORING STATEMENT
41	BASEL I DSB II DATA
42	Daily CAPITAL FUNDS, NET HEAD OFFICE FUNDS AND HEAD OFFICE CAPITAL FUNDS Report
43	Monthly Submission of Statistics and Returns to MAS . MAS Notice 610 Appendix 2: Return on Monthly Foreign Exchange Business Transacted
44	MINIMUM LIQUID ASSETS MAS Notice 613 : The returns consist of seven main forms. Some forms contain different sections. Provide the information to the relevant forms as set out in Appendix 6

45	MINIMUM ASSET MAINTENANCE REQUIREMENTS MAS Notice 640 - The Requirement is to undergo changes tentatively w.e.f April 2011 as advised by MAS . There are some changes from the existing reporting and maintenance requirement
46	Weekly Report on S\$ Transactions - MAS Notice 755

Part-VI (Revised Bill of Material)

Commercial Statement / Bill of Material

A. Hardware, Operating System, Middleware, Additional Networking Cost										
S.No	Part No	Hardware	Brand Name	Model No	Configuration	No. of units	Unit Price	Total Price	Tax & Duties	Total Cost
1										
2										
3										
4										
Total of A										

B. Cost of Software/Solution			
Item	License Fee	Tax & Duties	Total Cost (Rs.)
50 user License cost for Integrated Treasury software			
Cost of Customisation			
Cost of user Training			
Other utilities, add-ons, report writing tools etc.(Pl. specify)			
RDBMS license for 50 users.			
Other software, license etc. including Processor/Server/Client licences, Antivirus licenses – if any (Pl. specify)			
Total of B			

C. Cost of implementation			
Item	Implementation Cost	Tax & Duties	Total Cost (Rs.)
Implementation of Integrated Treasury Solution at Treasury Branch Mumbai with all necessary interfaces			

D. Cost of DR Implementation			
Item	Implementation Cost	Tax & Duties	Total Cost (Rs.)
Cost of implementation of DRS			
Cost of software for DRS			
Cost of tools/utilities required for DR implementation			

E. Cost of Interface and implementation			
Item	Implementation Cost	Tax & Duties	Total Cost (Rs.)
1. Domestic Trading Platform [PDO-NDS,NDS-OM, CROME, NDS CALL Call Money, NDS Auction, CBL, STP in equity/Dealing etc.]			
2. Mid Office			
3. Forex			

4. Others			
F. AMC			
Item	AMC Cost /Annum	Tax & Duties	Total Cost (Rs.)
A. Cost of AMC (For 4 years after completion of 1 year) warranty			
AMC for Complete Hardware, OS			
Integrated Treasury software including utilities,tools & interfaces			
AMC/ATS for RDBMS			
Cost of Onsite Engineer			
Any other			

G. Additional Cost of 4 day on-site User Training (Rate to be quoted per Trainee inclusive of all Taxes & Duties). The cost should be valid for 5 years from the date of implementation, payable on actual basis as & when required after completion of training)

	Training Programme	Batch Size		
		Single	Two	3 to 5
1	Front Office Users – Forex			
2	Front Office Users –Domestic Treasury			
3	Back Office - Forex			
4	Back Office – Domestic Treasury			
5	Risk Management			
6	DBA			
	Average Training cost (Per module)=(1+2+3+4+5+6)/6			
Average Total cost of 35 additional Training (G)*				

***Note:--** Additional training requirement of 35 persons will be assumed in the batch size of 5 Batches of Single Participant, 5 Batches of Two Participants & Four Batches of Five Participants . Additional Training cost will be arrived at considering the average training cost of all the 6 modules. Additional Training cost calculated on the basis of average cost will be considered only for Commercial evaluation. However, payment will be made on actual basis.

H. Additional 25 User License Cost			
Item	Total Price	Tax & Duties	Total Cost (Rs.)
Cost of additional 25 user license for Treasury Solution			
Related database license for 25 users			
Total			

I. Cost of Upgrade to Global Treasury Package			
Item	Total Price	Tax & Duties	Total Cost (Rs.)
Cost of Hardware , Operating System, Middleware, Additional Networking			
Cost of Software			

Cost of RDBMS or any other license			
Cost of AMC for 4 years after 1 year warranty period			
Any other cost			
Total			

J. Total Cost of Ownership (TCO)			
Item	Total Price	Tax & Duties	Total Cost (Rs.)
Total of A			
Total of B			
Total of C			
Total of D			
Total of E			
Total of F			
Total of G			
Total of H			
Total of I			
TCO (Total of A + Total of B + Total of C + Total of D+Total of E+Total of F+ Total of G+ Total of H +Total of I)			

Note:

- This is only an indicative bill of material. The bidders should fine tune the format to accommodate all the hardware and software items.
- The TCO(Total cost of ownership) must include all the costs, taxes & duties associated with the Project for five (5) years TCO(Total cost of ownership) period.
- A copy of Bill of Material (without any price details) must be submitted along with Technical Bid & a separate copy of Bill of Material (with price details) must be submitted for Commercial bid.
- The cost of upgradation to Global Treasury Package as given in section-I is optional. In commercial evaluation, Global Treasury Solution cost will be taken into consideration as per bank's decision after technical evaluation.