Indian Bank

REQUEST FOR PROPOSAL

FOR

SUPPLY, INSTALLATION, MIGRATION AND MAINTENANCE OF INTEGRATED TREASURY MANAGEMENT SOFTWARE (ITMS)

RFP No. CO:TSY:001:2016-17 Dated: 21/12/2016

Last Date for Submission of BID: 09.01.2017 (03.00 PM)

Indian Bank
Treasury Branch Mumbai
18th Floor, Maker Towers, F-Wing
Cuffe Parade, Mumbai 400 005.
Phone: +91 22 2217 1050, +91 22 2216 4944
Email: treasury@indianbank.co.in
Website: www.indianbank.co.in

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SECTION – I

INVITATION FOR BIDS (IFB)

Indian Bank is a premier Nationalised Bank with over 2500 Branches and having a business of above Rs. 3,00,000 Crores. The Bank had been a forerunner in absorption of technology and has many first to its credit in implementation of IT in banking. The Bank has overseas presence through Branches in Singapore, Colombo & Jaffna and has reciprocal arrangements with various Foreign Banks across the globe. Core Banking Solution has been implemented in all the Branches.

The Bank runs its Integrated Treasury Operations from its Treasury Branch, Mumbai, and is active in Domestic, Forex and Derivative segments. Treasury operations are performed by Front Office, Mid Office and Back Office in tune with the regulatory guidelines. Currently, Bank is using ITMS V4.6 software from M/s.Credence Analytics (India) Private Limited which was implemented in 2005-06 and upgraded during 2012-13. For upgrading / integrating the ITMS solution, Bank would like implement a standard solution with proven credentials by way of implementation in Indian and International Treasury operations.

This is a Request for Proposal hereinafter referred to as "RFP" inviting commercial proposals (hereinafter referred to as "Proposal") from ITMS software solution vendors (hereinafter called "Bidder" or "Vendor") who are qualified to submit the bids as per the eligibility and other terms stated herein to provide the deliverables, broadly involving license to use the software, implementation, and migration of the data from the existing system, as described in this document. Bid related details are given below:

Tender Reference	CO:TSY:001:2016-17
Date of RFP	21.12.2016
Fees for RFP Document (non-refundable)	Rs. 20,000/- (Rupees Twenty Thousand only).
Earnest Money Deposit	Rs. 25,00,000/- (Rupees Twenty Five Lakhs only)
Date, Time and Venue of Pre-bid meeting	**27/12/2016 at 12.00Hrs** **Indian Bank,** **Treasury Branch Mumbai** **18th Floor, Maker Towers, F-Wing,** **Cuffe Parade,** **Mumbai 400 005.**
Last Date, Time and Place for receipts of tender offers	**09/01/2017 latest by 15.00 Hrs** at **Indian Bank,** **Corporate Office,** **254-260 Avvai Shanmugam Salai** **Royapettah Chennai 600014**

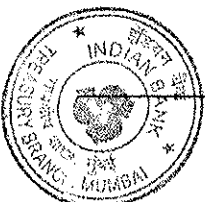| Date, Time and Place of Technical Bid Opening	**09/01/2017 at 15.30 Hrs at** **Indian Bank,** **Corporate Office,** **254-260 Avvai Shanmugam Salai** **Royapettah Chennai 600014**
Address for Communication	Asst. General Manager (Treasury) Treasury Branch Mumbai 18th Floor, Maker Towers, F-Wing, Cuffe Parade, Mumbai 400 005.
Contact Telephone Numbers	022 22171057, 044-25269720, 044-25269703
Email Id:	sridhar.kr@indianbank.co.in deepak.sarda@indianbank.co.in easwarkb@indianbank.co.in
Website:	www.indianbank.in

It is essential that all clarifications / queries / suggestions be submitted to Indian Bank to the above mail ids at least two working days before the date of the Pre-bid meeting.

Fees for RFP document Rs. 20,000/- (Rupees Twenty Thousand only) to be paid in the form of Demand Draft issued by a Scheduled Commercial Bank in favour of "Indian Bank" payable at Chennai.

RFP document should be submitted along with the "Technical Offer" on or before the prescribed last date of submission of the tender offers.

Earnest Money Deposit of Rs. 25,00,000/- (Rupees Twenty Five Lakhs only) should be submitted along with the "Technical Offer".

Tender offers (Technical) will be opened, in the presence of the bidder's representatives who choose to attend the opening of tender. No separate communication will be sent in this regard.

SECTION II – INSTRUCTIONS TO BIDDERS

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SECTION – II

INSTRUCTIONS TO BIDDERS

1. INTRODUCTION:

The bidder is expected to read the instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bidding documents may result in the rejection of its bid and will be at the bidder's own risk. Also, the bidder must be the Original Equipment Manufacturer (OEM) or System Integrator (SI) with authorized tie-ups, back-to-back support relationship with the OEM for software and shall be a single point of contact for Indian Bank.

2. PRE-BID MEETING:

a. A pre-bid meeting is scheduled to be held at the following address at 12.00 Hrs. on 27.12.2016 at

Indian Bank
Treasury Branch Mumbai,
18th Floor, Maker Towers, F-Wing,
Cuffe Parade,
Mumbai 400 005.

b. The purpose of the pre-bid meeting is to clarify the doubts of the bidders, if any.

c. In case the probable bidder wants to participate in the Pre-bid Meeting to be held on the date specified in this bid, they should register themselves with the Bank by sending the **cost of bid document i.e. Rs. 20,000/- (Rupees Twenty Thousand) (Non-refundable)** by way of Demand Draft in favour of Indian Bank payable at Chennai. Only those Bidders or their Representatives (Maximum 2 persons) who have registered with the Bank will be allowed to participate in the pre-bid meeting. Such Bidders who have submitted DD for attending pre bid meeting are not required to submit the DD for cost of Bid Document along with technical bid (Part I).

d. The Bidder is requested to submit any queries/clarifications to the Bank at least two working days before the date of meeting in the format as mentioned in format 18 of Section VI.

e. The text of the questions raised (without identifying the source of enquiry) and the responses given, together with amendment(s) to the bid document, if any, will be mailed to all the bidders.

3. BID FEE:

The bidder shall submit the bid along with a Demand Draft in favour of Indian Bank payable at Chennai for Rs. 20,000/- (Rupees Twenty Thousand only) (non-refundable) as bid fees. Bid submitted without the DD will not be considered.
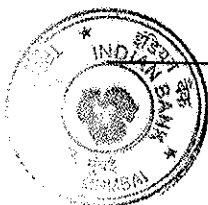
4. AMENDMENT OF BIDDING DOCUMENTS

4.1 At any time prior to the deadline for submission of bids, the bank, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder(s), may modify the bidding document by amendment(s).

4.2 All prospective bidders will be communicated of the details of amendments and clarifications. Signed copy of the amended document should form part of the Technical Bid.

5. TWO BID SYSTEM

Sealed Envelopes Containing Technical Proposal (Technical Bid) should be clearly super scribed as **"Technical Bid –RFP for INTEGRATED TREASURY MANAGEMENT SOFTWARE (ITMS)"**. All the documents constituting the Technical Bid should be submitted in **hard copy and softcopy except commercial Bid. "Commercial Bid"** will be finalized through online reverse auction. **No commercial information should be available in the Technical Bid**. The Technical Bid should be submitted at the address given below.

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

The envelope shall bear the project name and a statement: "DO NOT OPEN BEFORE_____", to be completed with the time and the date specified below.

Formation of Technical Bid:

I. The technical bid will be evaluated for technical suitability as well as for other terms and conditions mentioned in Annexure I: Evaluation Process for ITMS solution.

II. It should include introduction to the project.

III. It should include background of the system integrator / bidder.

IV. It should include profile of the bidder as per format no. 2 of Section VI.

V. It should include the details of all OEMs and a brief write up on partnership of bidder with OEMs.

VI. It should include a brief summary of understanding of the banks requirements, vendor(s) capabilities, and solution / product description.

VII. It should include statement of compliance/ acceptance letter – eligibility criteria and requirements as per format no. 6 in Section VI.

VIII. It should include necessary documentation in support of corporate structure, founder and related history of the Bidder Company, ownership structure, and number of years in business and relevant business lines, specific certifications (ISO 17799, BS 7799, etc.)

IX. It is mandatory to provide the functional & technical details in the exact format as given in the RFP. Correct functional & technical information of the solution being offered must be provided in the structured format. The offer may not be evaluated by Bank in case of non-adherence to the format or partial submission of technical details.
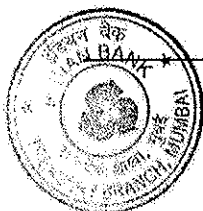
X. It should include Fees for tender document (if not submitted at the time of pre-bid meeting) and EMD amount in the form of a Bank Guarantee.

XI. It should include detailed technical architecture, specifications and sizing of the recommended hardware, OS, Database and other software utility required for implementation of ITMS solution.

XII. It should include details of all software licenses and hardware sizing including server(s) / Processor /Storage for proposed solution.

XIII. It should include compliance with all functional requirements without deviations

XIV. It should include compliance with all technical requirements without deviations

XV. It should include detailed architecture of the proposed solution with various features / functioning of the system / sub-system including fail over methodology, replication methodology with bandwidth and network requirements and strategy at both Primary & DR site.

XVI. It should include Road map on scalability, version upgrade / releases of ITMS and upgradation of interface in case of version upgrade in bank's CBS and other channels /transaction systems as well as changes in regulatory / statutory requirements from time to time.

XVII. It should include details of service support infrastructure of proposed solution.

XVIII. It should include detailed Bill of material for all the software components of the proposed solution, without any price information.

XIX. The soft copy of the technical bid document (in MS-Word/PDF format) also should be provided to the Bank in a CD/DVD/USB Stick at the time of submission of technical bid. The contents of the softcopy should be same as that of hardcopy submitted in the same order. In case of discrepancy between the softcopy and hardcopy, the version of the hardcopy submitted shall prevail.

XX. The bidder should submit a hard copy of the RFP duly signed by the authorized person with company seal for having accepted the terms and conditions in toto without any deviations.

XXI. Compliance for the onsite support and training needs required by the Bank. No Addition/alteration to the RFP and its formats is permitted unless the Bank specifies the same to all the Bidders.

XXII. As part of their bid, the bidder should submit documents agreeing to the bid's terms and conditions.

Formation of Commercial Bid (Refer Point No.7)

I. After technical evaluation, only the eligible Bidders will be communicated of the date and time of Online Reverse Auction Process, Business Rules for the Auction and the details of the Agency who shall conduct the Reverse Auction. **The bidder should have valid digital certificate to participate in the online reverse auction.**

II. The prices should be quoted in Indian Rupees only.

III. Commercial bid should include warranty for 1 year and ATS/AMC for four years for the software and the entire solution supplied as part of this contract with one onsite support on bank working days for a period of six months from the date of go-live. Future releases and upgrades/patches/modification/customization/ for statutory/regulatory changes as
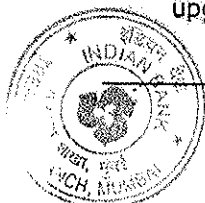
required under the directives of Government of India, Reserve Bank of India etc. should be at no cost to the bank till the end of contract period.

IV. Quoted price should include all charges including delivery, installation, implementation, onsite support, etc. inclusive of all duties, levies, freight, insurance, warranty/AMC/ATS, etc. and exclusive of all applicable taxes. Octroi/Entry Tax if any, will be reimbursed on submission of original receipts. Applicable TDS will be deducted from the payment.

V. Bank will not pay any other charges including travelling charges / visit charges / hotel stay for any travelling/ training undertaken by the Bidder's staff / personnel throughout the project.

6. BID SECURITY (EARNEST MONEY DEPOSIT)

6.1 The bidder shall furnish, as part of their bid, a bid security in the form of a bank guarantee issued by a scheduled commercial bank or foreign bank located in India, in the form provided in the bidding documents for a sum of Rs. 25,00,000/- (Rupees Twenty Five Lakhs only) and valid for Two Hundred and Twenty Five (225) days (i.e. Bid validity 180 days + 45 days = 225 days from the last date for submission of bid). Bank may seek extension of Bank Guarantee, if required.

6.2 Unsuccessful bidders' bid security will be discharged or returned after the expiration of the period of bid validity prescribed by the bank or after issuing purchase order to the successful L1 bidder.

6.3 The successful bidder's bid security will be discharged upon the bidders signing the contract and furnishing the performance security.

6.4 The bidder will forfeit the bid security,

    a.   If a bidder withdraws its bid during the period of bid validity specified by the bidder on the bid form.

Or

    b.   In the case of a successful bidder, if the bidder fails to sign the contract or to furnish performance security.

7. PERIOD OF VALIDITY OF BIDS

Bids shall remain valid for the period of 180 days after the last date for submission of technical bid prescribed. A bid valid for a shorter period shall be rejected by the bank as non-responsive.Bids must clearly state the validity of the bid and its explicit expiration date. Bank may seek the extension of bid validity, if required.

8. AUTHORIZATION TO BID

Responses submitted by a Bidder to this RFP (including response to functional and technical requirements) represent a firm offer to contract on the terms and conditions described in the Tender document. The proposal must be signed by an official authorized to commit the bidder to the terms and conditions of the proposal. Bidder must clearly identify the full title and authorization of the designated official and provide a statement of bid commitment with the accompanying signature of the official and submit the copy of power of attorney / authority letter authorizing the signatory to sign the bid.

9. DEADLINE FOR SUBMISSION OF BIDS

9.1 Deadline for bid submission is 09.01.2017, 03:00 P.M. The bid document alongwith required enclosures should be submitted at the place mentioned in clause No. 5 either in person or it can be sent by post but it should reach the concerned officer on or before 03:00 P.M. on 09.01.2017.

9.2 In the event of the specified date for the submission of bids, being declared a holiday for the bank, the bids will be received up to the appointed time on the next working day.

9.3 The bank may, at its discretion, extend this deadline for the submission of bids by amending the bid documents, in which case all rights and obligations of the bank and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

9.4 Any bid received by the bank after the deadline for submission of bids prescribed by the bank will summarily be rejected and returned unopened to the bidder.

10. OPENING OF BIDS BY BANK

10.1 The bids (PART-I) will be opened in the presence of bidders' representatives.

10.2 The bidders' names, bid modifications or withdrawals and the presence or absence of the requisite bid security and such other details as the bank, at its discretion, may consider appropriate, will be announced at the bid opening. No bid shall be rejected at bid opening, except late bids, which shall be returned unopened to the bidder.

10.3 The technically qualified bidders will be intimated to participate in the Online reverse auction process (PART II), to identify Lowest Quoted (L1) bidder. Online reverse auction procedures and timings will be informed separately. Technically qualified bidders will be informed the modus operandi for this purpose and bidders will have to abide by the e-business rules.

11. CLARIFICATION OF BIDS

During evaluation of the bids, the bank may, at its discretion, seek clarification from the bidder(s). The request for clarification and the response shall be in writing/email, and no change in the substance of the bid shall be sought, offered, or permitted.

12. AMENDMENTS OF RFP DOCUMENT

Bank reserves the right to amend the RFP any time prior to deadline for submission of bid. The same shall be notified to all the bidders through e-mail and such amendments shall be binding on the bidders.

13. EVALUATION CRITERIA
13.1 General Evaluation
   a) The Bank will examine the bid to determine whether they are complete, whether the documents have been properly signed and whether the bid is generally in order.
   b) The bank may waive any minor informality, non-conformity, or irregularity in a bid which does not constitute a material deviation.
   c) Prior to the detailed evaluation, the bank will determine the substantial responsiveness of bid documents. For the purposes of these clauses, a substantially responsive quote is one which conforms to all the terms and conditions of the bid documents without material deviations.

13.2 Technical Evaluation

a) The Bidders will be evaluated against the qualification criteria as mentioned in Section V of this bid, proof of the same has to be submitted.

b) The software offered and hardware recommended should meet all the technical and functional specifications as stipulated in the bid.

c) The Integrated Treasury Management Software will be evaluated against will be evaluated as per the Evaluation Matrix as per Annexure I. The bidder has to score a minimum of 95% marks for each section and 95% overall marks will be required for qualifying for Reverse Auction.

d) The bidders who qualify the eligibility criteria will be invited to make presentation of the proposed solution at our Corporate Office/ Head Office Chennai or Zonal Office Mumbai.

e) Bank will visit any reference site(s) submitted by the bidder under the clause (e) of Section V. The bidder has to take the necessary approvals for arranging reference site visit to the reference sites submitted by bidder from the officials of the respective sites. However, Bank will incur the cost towards travel, boarding and lodging (if required) of their staff for site visits.

13.3 Commercial Evaluation

a) Technically qualified bidders alone will be intimated to participate in the Online reverse auction to identify L1 bidder for awarding contract.

b) The comparison of prices among the vendors shall be between the total price quoted inclusive of all duties, levies, warranty, installation charges but exclusive of taxes only of the goods & services offered etc.

14. PROPOSAL PROCESS MANAGEMENT

The Bank reserves the right to accept or reject any or all proposals received in response to the RFP without assigning any reasons thereof. Also, the bank reserves rights to revise the RFP, to request one or more re-submissions or clarifications from one or more Bidders, or to cancel the process in part or whole without assigning any reasons.

Additionally, Bank reserves the right to alter the requirements, in part or whole, during the RFP process, and without re-issuing the RFP. Each party shall be entirely responsible for its own costs and expenses that are incurred while participating in the RFP, subsequent presentations and any other meetings during the process.

15. LIABILITIES OF BANK

This RFP is not an offer by Bank, but an invitation for bidder responses. No contractual obligation on behalf of Bank whatsoever shall arise from the RFP process unless and until a formal contract is signed and executed by duly authorized officials of Bank and the bidder.

16. BID AND PROPOSAL OWNERSHIP

The Bid submitted and all supporting documentation/templates are the sole property of Indian Bank and should NOT be redistributed, either in full or in part thereof, without the prior written consent of Bank. Violation of this would be a breach of trust and may, interalia cause the Bidder to be irrevocably disqualified. The proposal and all supporting documentation submitted by the Bidder shall become the property of Indian Bank and will not be returned.

17. BID PRICING INFORMATION

By submitting a signed bid, the Bidder certifies that the Bidder has arrived at the prices in its bid without agreement with any other bidder of this RFP for the purpose of restricting competition.

The prices in the bid have not been disclosed and will not be disclosed to any other bidder of this RFP. No attempt by the Bidder, to induce any other bidder to submit or not to submit a bid for restricting competition, has occurred.

18. DISCLAIMER

The Bank and/or its officers, employees disown all liabilities or claims arising out of any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information, forecasts, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of Bank and/or any of its officers, employees.

19. NEGOTIATION

The Bank reserves the right to further negotiate on the price offered, with the L1 vendor, if the price quoted is found unreasonable or in any exceptional circumstances.

20. COVERAGE OF ALL BANKS UNDER THE EPF & MP ACT 1952:

The Successful bidder has to submit attendance, salary, appointment letters etc. of all the outsourced employees for any type of services engaged either through contractors or directly. If engaged through contractors, list of all the contractors engaged for any/all services and whether the said contractors are covered independently under the EPF & MP Act 1952. The agreement of contracts with the contractors, the PF code number of the contractors, if covered, the attendance of the contract employees, the remitted PF challan with the ECR should be submitted.

21. BANK's RIGHT TO VARY QUANTITIES

The Bank reserves the right to increase or decrease, by 25%, the quantity of licenses specified in the license requirements (clause no. 9 of Section IV) without any change in unit price of license and other terms and conditions.

Bank may procure 25% over and above the quantity of Servers mentioned in this RFP from the awardee of the Contract within 6 months from the date of original purchase order at the same price and terms & conditions of this tender.

22. SIGNING OF CONTRACT

Within fifteen (15) days of Purchase Order, the successful bidder shall sign the contract and return it to the Bank.

23. AWARDING OF CONTRACT

Acceptance of purchase order should be submitted within 5 days of purchase order along-with authorisation letter.
If for any reason L1 bidder backs out after issuance of purchase order or the purchase order issued to the L1 bidder does not get executed in part / full, the bidder shall forfeit the EMD / Bank shall invoke performance bank guarantee and blacklist the bidder for a period of one year.

24. OTHER TERMS AND CONDITIONS

    i.   Any additional or different terms and conditions proposed by the bidder would be rejected unless expressly assented to in writing by the bank.

ii. Bank reserves the absolute right to reject the bid if it is not in accordance with its requirements and no further correspondence, whatsoever, will be entertained by the Bank in the matter

iii. Each bid should specify only a single solution which should meet the tender specifications and should not include/suggest any alternatives.

iv. The bidder shall also indemnify Bank against all third party claims of infringement of patent, trademark or industrial design rights arising from use of the goods, software(s), hardware(s) or any part thereof in India and abroad.

v. To assist in the scrutiny, evaluation and comparison of offers Bank may, at its discretion, seek clarification from the bidder(s). The request for clarification and the response shall be in writing/through e-mail and no change in the price or substance of the bid shall be sought, offered or permitted.

vi. In the event of any claim asserted by the third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof, the bidder shall act expeditiously to extinguish such claims. If the bidder fails to comply and Bank is required to pay compensation to a third party resulting from such infringement, the bidder shall be responsible for the compensation including all expenses, court costs and lawyer fees. Bank will give notice to the bidder of such claims, if it is made, without delay by fax/e-mail/registered post.

vii. The bidder shall submit a non-disclosure agreement on behalf of the bidder and individual capacity of all the persons contracted.

viii. The ITMS solution planned for deployment in the project should be having a minimum of 5 years of support from the OEM.

ix. Bidders to quote for Entire ITMS solution from single OEM.

ANNEXURE – 1

EVALUATION PROCESS FOR ITMS SOLUTION

The Bank will evaluate the technical bids received in response to the RFP as below:

Bidders will be evaluated against the eligibility criteria mentioned in Section V. The bidder has to comply with all the eligibility criteria without fail. ITMS Solution will be evaluated as per the Evaluation Matrix given below:

Evaluation Matrix: - I (Solution requirements)

		Max Marks	95% Marks	Marks Obtained	Remarks if any
1.	General Requirements	144	137		
2.	G-Sec specific Requirements	104	99		
3.	Money Market	114	108		
4.	Equity Market & NSLR	82	78		
5.	Front Office (FX/MM/Derivatives)	164	156		
6.	Derivatives	98	93		
7.	Analytics	144	137		
8.	Interfaces	44	42		
9.	Mid-Office Requirements	24	23		
10.	User Related Requirements	28	27		
	Total (marks prorated to 850)	946	900		

Detailed breakup of the above list is available in the Annexure – 2 i.e. SOLUTION REQUIREMENT.

The bidder has to provide compliance for eligibility criteria under section V, technical requirements under Annexure – 3 of Section II and a minimum of 95% marks in Evaluation Matrix I will be required for qualifying for Reverse Auction
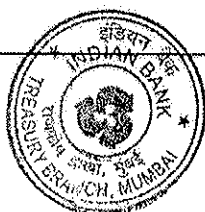
ANNEXURE - 2

SOLUTION DETAILS (to be used for Evaluation)

(Note: Features requested here do not refer to any product. Wherever such Representations are found, the equivalent of the same may be provided.)

S No.	Particulars	Response
1	Name of the Product	
2	When was the first version launched	
3	When was the latest version launched	
4	Present version	

1. Published performance benchmark reports for the ITMS solution on multiple hardware platforms – deals per day, load. Please give details of rankings / rating qualifying the sectors.

2. What is the basis of pricing (e.g. CPU based/ user based)?

3. Training

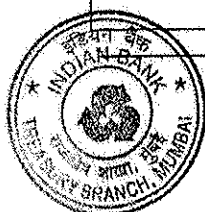| Sr. No.	Particulars	Response
1.	Availability of tool training in India	
2.	Availability of Computer Based training material	

4. Product Feature required.

There are 24 heads where the features required are classified / listed. Against each of the features the maximum mark has been provided. The response to the product feature will be evaluated as per the matrix below. Against each product feature, please indicate one of the following. Marks will be awarded for the responses to the features as follows:

Readily Available – 2 Marks
Customizable   – 1 Mark
Not available   – No marks (0)

All the description required as part of this document should be completed before the respective UAT phases and go live within nine months. The total marks obtained under the respective heads would be prorated to the total marks in Evaluation Metrics I of annexure -I

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
1.1.	**General Requirements**			
1.1.1	The proposed system should be following an n-Tier Architecture, capable of running on a wide area network, capable of being used from multiple locations and WEB based.		2	

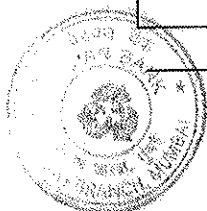| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
1.1.2	The system should be able to handle multiple business units of the Banks that include branches where required		2	
1.1.3	The system should support setting up of different schemes and products within the same scheme, having functional features including but not limited to:		2	
1.1.3.1	Forex Products		2	
1.1.3.2	Derivative Products		2	
1.1.3.3	Money Market Products		2	
1.1.3.4	Fixed Income Products		2	
1.1.3.5	Capital Market Products		2	
1.1.3.6	Hybrid Products / Risk Products		2	
1.1.4	Day Count Basis: The system should be able to handle all types of day count bases including 30/360 (European and American), Actual/360, Actual/365, Actual/Actual, Actual/365 (Fixed) etc.,		2	
1.1.5	The system should support International Swaps and Derivatives Association (ISDA) - defined conventions such as following FBD,MFBD,PBD and MPBD for derivatives.		2	
1.1.6	The system should provide a consistent and user-friendly Graphical User Interface, generally following the modern GUI standards		2	
1.1.7	The system should support export and import of data from MS-Excel and Open Office Formats		2	
1.1.8	The system should be able to convert between currencies without manually converting to the home currency.		2	
1.1.9	The system should be able to define home currency and wash currency		2	
1.1.10	The system should allow creation of products and sub-products		2	
1.1.11	The system should allow creation of product codes		2	
1.1.12	All transactions should be tagged to product and transaction codes		2	
1.1.13	All income and expenses should by default be system calculated, and the system should not complete the transaction unless 2modification, if any are duly authorized. Accounting should happen only if the authorized deals are settled		2	
1.1.14	Products should support multi-currency features in the General Ledger		2	
1.1.15	The system should support AS-11 accounting standards for FOREX transactions and should be		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	capable of migrating to IFRS as defined by RBI / IND AS or other future requirements			
1.1.16	The system should be parametric for enabling AS-11/ IND ASfor forex transactions and other applicable accounting standards issued by Institute of Chartered Accountants of India, at the product level.		2	
1.1.17	It should be possible to use FEDAI rate or Market rate for AS-11 / IND AS enabled transactions.		2	
1.1.18	The system should support weighted average method and Batch method of valuation. Multiple records of the same security in G-Secs/T Bills and other SLR & Non-SLR securities shall be grouped together for the purpose of calculating the holding cost. Grouping should take care of AFS/HFT also.		2	
1.1.19	The system should support settlement of Interbank forex deals through CCIL.		2	
1.1.20	The system should support settlement of Interbank forex deals through CLS.		2	
1.1.21	The system should support bilateral netting of Interbank deals.		2	
1.1.22	The system should be able to settle CD/CP/Corporate bond deals through NSCCL/ICCL and generate R41/R42. Interface with Ftrac and Cbrics.		2	
1.1.23	The system should be able to report Corporate bond deals to FIMMDA / NSE / BSE platforms.		2	
1.1.24	The system should be able to report CD/CP deals to FIMMDA / NSE/BSE platforms.		2	
1.1.25	The system should be able to report corporate bond repo deals to FIMMDA/NSE/BSE platforms.		2	
1.1.26	The system should support Rupee Derivatives reporting on CCIL		2	
1.1.27	The system should allow calendar schedules to be set by users and through manual updates.		2	
1.1.28	The system should be able to edit and override global calendar and holiday tables. Separate Holiday Master for FX and Domestic. Sub Holiday master for Securities like Money Market,GSec,Equity Etc.		2	
1.1.29	The system should be able to move value dates based on Holidays declared at the last moment, without re-entry of deal details. Holiday Master required separately for Money		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	Market,GSec,Equity etc.			
1.1.30	The system should have the flexibility to define settlement dates based on emergency holidays from next day, without re-entry of deal details.		2	
1.1.31	The system should be able to process and report in an online real time mode.		2	
1.1.32	The system should be able to maintain online history of trade information for all trades		2	
1.1.33	All trades migrated(settled and outstanding) from legacy system should be maintained at least for previous 3 years period.		2	
1.1.34	The system should support concurrent usage by multiples users without performance / integrity issues.		2	
1.1.35	**The system should have flat file export functionality to export transaction data and static data in the following formats.**			
1.1.35.1	Comma separated values (.csv)		2	
1.1.35.2	Text File (.txt)		2	
1.1.35.3	Microsoft Excel Format (.xls,.xlsx)		2	
1.1.35.4	Portable document format (.pdf)		2	
1.1.35.5	Rich Text Format (.rtf)		2	
1.1.36	Reports should be available in XML format as per specifications where the data has to be sent to RBI.		2	
1.1.37	It should be possible to configure various reports as per the requirement of Front/Back/Mid office.		2	
1.1.38	Clearly defined USER MATRIX for Front office, Back office, Mid office and all other related users as per bank's internal policy/ practise and should be parameterized.		2	
1.1.39	Day Book / Trial Balance: Daily closing balance of all head of accounts are to be generated in True currency/INR and /or consolidated on daily basis and provision for loading of reports generated from CBS, for generation of balance comparison reports.		2	
1.1.40	Balance Sheet: To be generated for Forex/Domestic/Derivatives separately in True currency/INR and /or consolidated.		2	
1.1.41	Profit & Loss statements: To be generated for Forex /Domestic /Derivatives separately in True currency/INR and /or consolidated.		2	
1.1.42	The system should have provision to generate data meeting requirements of Basel-II, Basel-III norms and RBI guidelines and limits.		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
1.2	The system should have complete interface with SWIFT for sending/receiving payments/ instructions/confirmations without any manual intervention.		2	
1.2.1	The system should be able to generate automatically Modification / Amendment / Cancellation of SWIFT messages.		2	
1.2.2	The system should match SWIFT confirmation (MT-300) and should generate a report of the unmatched items.		2	
1.2.4	System should have facility for scrip rating(up gradation and downgrading) and maturity forecasts/coupon wise maturity and year wise maturity. Capturing of rates from sites (rating agency sites) to be automated.		2	
1.3	**CBS Interface**			
1.3.1	The system should be interfaced with Bank's CBS system(TCS-Bancs) for Ready / Forward/EEFC/PCFC/FCL/FCNR/DDA/Forex Interbank/ merchant//SLR/NSLR(including Equity)/MM transactions and other transactions as specified by the Bank from time to time and updated on a real-time basis.		2	
1.3.2	The Treasury package should interface with Bank's CBS for General Ledger accounting entries.		2	
1.3.3	The system should have Audit Log for all financial transactions, Admin Operations, User Operations, Configuration Options etc.		2	
1.3.4	All the SLR/NSLR/MM deals settled in the software should flow to CBS without manual intervention. (Transactions: Subscription, Purchase, Sale, Amortization, Accretion, Accruals, Principal Partial Redemptions, shifting and other transactions as specified by the Bank from time to time). Special items like Application Money, CDR Proposals to incorporated.		2	
1.3.5	Day end position of Investments (SLR and NSLR) of software should be reconciled with Bank's CBS (Comparison Report).		2	
1.5	**NDS-OM Interface**			
1.5.1	The system should be interfaced with NDS-OM system for purchase/sale transactions and other transactions as specified by the Bank from time to time and updated on a real-time basis.		2	

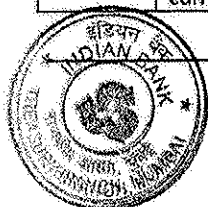| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
1.5.2	Deals done in NDS-OM system should flow to the software without manual intervention		2	
1.6	**RBI e-Kuber Interface**			
1.6.1	The system should be interfaced with RBI e-Kuber system for lending/borrowing transactions and GSec/SDL/T Bills auction, OMO, buy back by Govt of India and other transactions as specified by the Bank from time to time and updated on a real-time basis.		2	
1.6.2	Deals done in e-Kuber system should flow to the software without manual intervention		2	
1.7	**Straight through Process Software by 63Moons Technologies Interface**			
1.7.1	The system should be interfaced with 63 Moons Technologies STP software system for equity purchase/sale transactions and other transactions as specified by the Bank from time to time and updated on a real-time basis.		2	
1.7.2	Deals should have a mechanism for acceptance/ rejection		2	
1.7.3	Accepted deals should flow to the software without manual intervention		2	
1.8	**NSE Interface**			
1.8.1	The system should be interfaced with NSE for NSLR purchase/sale transactions and other transactions as specified by the Bank from time to time and updated on a real-time basis.		2	
1.8.2	The system should maintain Rate scan register for deals done on the system		2	
1.8.3	Deals authorized in the software should flow to NSE platform without manual intervention		2	
1.9	**CCIL Interface**			
1.9.1	The system should be interfaced with CCIL (CROMS, CBLO, CALL, E Notice, F-Trac and other CCIL platforms) for purchase, sale, borrowing, lending transactions and other transactions as specified by the Bank from time to time and updated on a real-time basis.		2	
2.1	**G-Sec specific Requirements**			
2.1.1	Security Master Creation / Authorization and Modification. As per DSP report data to be finalized.		2	
2.1.2	Prompts at Logon for G-Sec Interest / Redemption		2	
2.1.3	Lien Marking / Revocation for various segments (Repo, Margin Money for other Segments CBLO).		2	
2.1.4	**Deal Capture**			

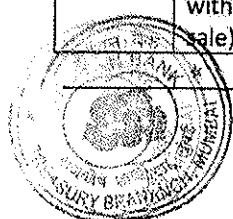| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
2.1.4.1	Auto Upload for NDS OM deals order matching, Buy & Sell, Short Sale and Short Cover. Auction to be flown into the system.		2	
2.1.4.2	Auto Upload for NDS OM Deals Reported Segment		2	
2.1.4.3	Automatic Deal Slip Printing on Upload of Deals in all of the above operations. This should be parameterized.		2	
2.1.5	Portfolio Transfer and Security transfer		2	
2.1.5.1	Shifting of Securities among Portfolios (HFT,AFS,HTM) at the beginning of the year. Amortization at the time shifting should capture actual time of amortization.		2	
2.1.6	**G-Sec related Reports**			
2.1.6.1	HFT Ageing and Stop loss limits		2	
2.1.6.2	Modified Duration and PV01 for instruments (Scrip by Scrip Level portfolio level)		2	
2.1.6.3	HFT Portfolio differentiation for different desk (IRF)		2	
2.1.6.4	Accrued Interest Calculation (Accural for all discounted instruments on daily basis and to increase book value on daily basis). Amortization on daily basis.		2	
2.1.6.5	Interest Report		2	
2.1.6.6	Redemption Report		2	
2.1.6.7	Committee Report		2	
2.1.6.8	Deal Note		2	
2.1.6.9	Excess SLR Calculation		2	
2.1.6.10	Dealer wise HFT Portfolio		2	
2.1.7	Settlement - G-Sec Deals		2	
2.1.8	CBS Interface - Daily Settlement Processing		2	
2.1.9	CBS Interface - Daily Redemption Processing		2	
2.1.10	CBS Interface - Daily G-Sec Interest Processing		2	
2.1.11	Authorization		2	
2.1.11.1	Deal		2	
2.1.11.2	Coupon		2	
2.1.11.3	Redemption		2	
2.2.	**CSGL Specific Requirement**			
2.2.1	Security Master Creation / Authorization		2	
2.2.2	Client Master Creation / Authorization		2	
2.2.3	Prompts at Logon for CSGL Interest / CSGL Redemption		2	
2.2.4	Ability to capture Repo transactions for clients		2	
2.2.5	Base Balance Entry (for new clients)		2	
2.2.6	Deal Upload		2	
2.2.6.1	Auto Upload for NDS OM Deals order Matching		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
2.2.6.2	Auto Upload for NDS OM Deals Reported Segment		2	
2.2.6.3	Auto Upload for NDS OM Web Deals order matching		2	
2.2.6.4	Auto Upload for NDS OM Web Deals Reported Segment		2	
2.2.6.5	Automatic deal Slip printing on upload of Deals in all of the above Operation - Parameterized.		2	
2.2.6.6	As per RBI guidelines, Web based trading, maintenance, limits reconciliation and accounting to be provided to CSGL Constituents.		2	
2.2.7	Daily Settlement of the Accounts of CSGL Holders		2	
2.2.8	CSGL Reports		2	
2.2.8.1.	Deal Register		2	
2.2.8.2	e-Mail Interface		2	
2.2.8.3	Stock Statement		2	
2.2.8.5	Interest Payment to Constituents		2	
2.2.8.6	Daily Report		2	
2.2.8.7	Weekly Report / Monthly / Yearly		2	
2.2.8.8	Deal Slip Generation (Constituent)		2	
2.2.8.9	Monthly / Quarterly / Yearly Balance confirmation		2	
2.2.8.10	Quarterly Report on Investor Group Basis		2	
2.2.8.11	Email Generation on Redemption and Interest Payment		2	
2.2.8.12	G-Sec Maturity Period		2	
2.2.8.13	Automatic calculation of charges for intra-day TOD		2	
3.1	**Money Market**			
3.1.1	**CERTIFICATE OF DEPOSITS**			
3.1.1.1	Menu option for Purchase & Sale of CD Deals		2	
3.1.1.2	Options to do multiple purchase of same securities. (Adds up the yield of CD)		2	
3.1.1.3	Option for generating Deal Ticket		2	
3.1.1.4	Option for generating "Note".		2	
3.1.1.5	Maturity report day wise, month wise and Quarterly.		2	
3.1.2	**CROMS**			
3.1.2.1	The system should be interfaced with CROMS for Deals.		2	
3.1.2.2	Menu option for CROMS deal query.		2	
3.1.2.3	Menu option for generating deal tickets for CROMS Repo & Reverse Repo deals.		2	
3.1.2.4	Menu option for generating notes for CROMS		2	

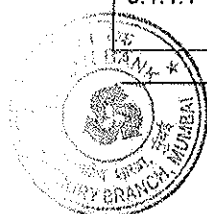| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	deals.			
3.1.3	**CD Issuance**			
3.1.3.1	Deal ticket, corporate action, stamp duty, annexure iv. Notes to be generated from System with provision to edit.		2	
3.1.3.2	Maturity report day wise, month wise and Quarterly and also report for interest expenditure for a period.		2	
3.1.3.3.	Notes to MD & CEO, CRISIL outstanding position, ISIN creation, ISIN extinguishment.		2	
3.1.4	**Money Market Product Support for:**			
3.1.4.1	MSF, Term Repo, Term Reverse Repo		2	
3.1.4.2	CALL		2	
3.1.4.3	REPO-RBI/Market, Reverse Repo-RBI/Market		2	
3.1.4.4	CBLO		2	
3.1.4.5	CROMS		2	
3.1.4.6	Corporate Bonds		2	
3.1.4.7	Pass through Certificates		2	
3.1.4.8	Security Receipts		2	
3.1.4.9	Special State Development Loans/Uday Bonds		2	
3.1.4.10	IBPC Asset and IBPC Liability (Inter Bank Participation Certificate)		2	
3.1.4.11	Reciprocal lending/ borrowing arrangement		2	
3.1.5	**CBLO/CALL/LAF/Term REPO/Reverse Repo Deals**			
3.1.5.1	Auto Upload (real time basis)		2	
3.1.6	Net Fund Position		2	
3.1.7	Note preparation in line with delegation		2	
3.1.8	Provision to enter security pledged / received on account of repo / reverse repo /CBLO transaction.		2	
3.1.9	Maturity report for Term borrowing and Term Lending		2	
3.1.10	**Mutual Funds**			
3.1.10.1	Buy Orders based on NAV		2	
3.1.10.2	Separate provision for schemes other than liquid funds (Funds out flow+NAV difference)		2	
3.1.10.3	Redemption		2	
3.1.10.4	Provision for Corporate Actions - Dividend		2	
3.1.10.5	Provision for Corporate Actions - NAV Split / Consolidation		2	
3.1.10.6	Liquid / Debt / Index mutual funds calculation to be done separately		2	
3.1.10.7	Mutual Fund yield calculation fund wise and cumulative.		2	
3.1.10.8	1 day and average yield fund wise and cumulative.		2	

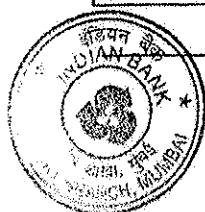| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
3.1.10.9	Returns to be calculated fund wise and cumulative (1 day return and cumulative return for individual funds)		2	
3.1.10.10	Cut Loss limits for Mutual Fund.		2	
3.1.11	NDTL Maintenance		2	
3.1.12	CRR required and SLR required		2	
3.1.13	Maturity report of all instrument (G-Sec/ Money Market / Bonds etc)		2	
3.1.14	Cash Disposal provision (Term Lending)		2	
3.1.15	Balance update for CRR balance maintenance		2	
3.1.16	Refinance maturity report (NABARD/SIDBI/NHB)		2	
3.1.17	Provision for export refinance facility		2	
3.1.18	Money Market Reports			
3.1.18.1	HFT Aging		2	
3.1.18.2	Modified Duration and PV01 for Instruments (scrip by scrip level, portfolio level)		2	
3.1.18.3	Accrued Interest Calculation (Accrual for all discounted instruments on daily basis and increase book value on daily basis) including Holidays also.		2	
3.1.18.4	Interest Report		2	
3.1.18.5	Redemption Report		2	
3.1.18.6	Committee Report		2	
3.1.18.7	Deal Notes		2	
3.1.18.8	Sectoral Classification of Investments for different Asset classes		2	
3.1.18.9	Listing Classification		2	
3.1.18.10	External and Internal rating classification		2	
3.1.18.11	Rating Migration Report		2	
3.1.18.12	Averages and Yield of Portfolio (Different Asset Classes/Period wise)		2	
4.1	**Equity Market & NSLR**			
4.1.1	Equity Market Deals			
4.1.1.1	Equity Purchase/ Sale note to Management (according to the delegation of powers)		2	
4.1.1.2	Equity Reconciliation with Stockholding statement.		2	
4.1.1.3	Equity billing to be tallied with Stockholding Billings (Brokerage and STT to be calculated deal and stock wise)		2	
4.1.1.4	63 Moons (STP gateway) billing to be tallied with the system; number of trades (buy and sale) to be calculated and billing to be tallied		2	

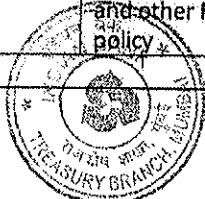| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
4.1.1.5	Equity Stop Loss; HFT Stop Loss to be calculated and as it is reaching the limit throw pop up (parameterized for percentage)		2	
4.1.1.6	Equity VaR to be calculated taking NSE Bhav Upload, VaR Margin files from NSE upload.		2	
4.1.1.7	Warning Pop up when VaR is reaching limits.(parameterized for percentage)		2	
4.1.1.8	Dividend/Rights/IPO/Bonus/Company's name change etc: Corporate Actions of Individual Stocks has to be linked with online platforms and the system. System has to take directly and save in server and throw pop up for the invested equity only.		2	
4.1.1.9	Unlisted Equity: Breakup value (Market Value) to be calculated by the system by data input manually.		2	
4.1.1.10	Beta for individual stocks and total portfolio (as a whole and average)		2	
4.1.2	New Issues / Follow on Issues Subscription & Allotment		2	
4.1.3	Private Placement		2	
4.1.4	Preference Shares		2	
4.1.5	Corporate Actions			
4.1.5.1	Dividend		2	
4.1.5.2	Rights		2	
4.1.5.3	Bonus Issues		2	
4.1.5.4	Share Split / Consolidation		2	
4.1.6	Pass Through Certificates		2	
4.1.7	Security Receipts/NAV/Yield on SR/over and above income on SR		2	
4.1.8	Commercial Paper		2	
4.1.9	NSLR Book Keeping		2	
4.1.10	Preference Share Valuation based on YTM method		2	
4.1.11	Call / Put Due date register report		2	
4.1.12	Venture Capital Funds			
4.1.12.1	Principal redemption.		2	
4.1.12.2	Partial redemption.		2	
4.1.12.3	Sale proceeds either to classified as principal, profit or capital appreciation.		2	
4.1.12.4	Dividend and profits to be classified separately.		2	
4.1.12.5	Commitment		2	
4.1.12.6	Commitment amount, in case if returned by the Venture Capital, it should not be added		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	back to Commitment, to be classified as "Commitment Return". Ex: 10 Cr commitment , 25 lacs drawdown happened but the VCF company unable to invest it and hence returned it back to the bank, so in such case it should not be added back, it should remain 9.75 Cr and Committed returned as 25 Lacs			
4.1.13	Certificate of Deposit Liability			
4.1.13.1	Extinguished Reports (CD Liability)		2	
4.1.13.2	General Manger Approval (CD Liability)		2	
4.1.13.3	Stamp Duty Payment Approval (CD Liability)		2	
4.1.13.4	Annexure iv to be sent to investors		2	
4.1.13.5	CD Sale Report Approval Note (CD Investment)		2	
4.1.13.6	CD Purchase Approval Note (CD Investment)		2	
4.1.14	Commercial Paper			
4.1.14.1	CP Sale Report Approval Note (CP Investment)		2	
4.1.14.2	CP Purchase Approval Note (CP Investment).		2	
4.1.15.1	Editable format of CSC Note		2	
4.1.15.2	Editable report generation of a company by inputting financial to arrive at ratios		2	
4.1.16.1	Bond tier 1 and Tier 2 liability		2	
4.1.16.2	Accounting and interest payment reminder in income management. (call and put descriptive data reminder for tier 2 and tier 1 bonds)		2	
5.1	**FRONT OFFICE (FX/MM/Derivatives):**			
5.1.1	Deal Capture of • Forex Interbank /Merchant (ready/forward) • FX - Cash/Tom/Spot/Forward deals • FX Swaps (Currency Swaps, Interest Rate Swaps and In/Out Swaps) • Money market deals (FC lending and borrowing) • Currency Notes • Derivatives (Futures/Options/FRAs etc.,)		2	
5.1.1.1	• Auto upload of all interbank FX/MM deals from various trading platforms like		2	

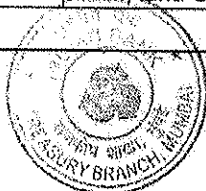| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	Reuters, bloom berg, Single/Multi bank platforms, CCIL platforms with all relevant fields as required by bank • Provision to enter deals manually • Provision to enter deals manually where deals are done with brokers • Provision to update the deal time			

5.1.1.2	Money Market Placement/Borrowing in FC:
	• Auto upload of deals various trading platforms like Reuters etc.,
	• Predeal check for various limits like counterparty/county limits etc.,
	• Interest accruals, payments, rollovers and accounting depending on fixed/floating rate of interest bench marked to LIBOR
	• Event management on maturities
	• Various reports currency wise/ product wise like
	  ➤ list of borrowings/lending for a specific period
	  ➤ list of borrowings/lending with specific counter party
	  ➤ Outstanding as on given date sorted by counter party, country, tenor
	  ➤ maturity profile of borrowings/Lendings
	  ➤ Any other report as required by bank from time to time
			2	

5.1.1.3	Auto upload of all merchant deals initiated by branch through interactive system between branches/various departments of Treasury branch		2	
5.1.1.4	Auto upload of non exchange entries in to dealing package FCNR/RFC/EEFC/PCFC entries from CBS to Treasury package		2	
5.1.1.5	Online updation of exchange position currency wise/product wise/dealer wise/portfolio wise		2	
5.1.1.6	Predeal check for for various limits like Counter party/Country/Brokerage etc., (Group/centre specific) as per bank's policy with what if scenario		2	
5.1.1.7	Position transfer from Merchant to interbank and Interbank to Trading desk		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
5.1.1.8	Card rate preparation for various currency pairs		2	
5.1.1.9	Provision to check brokerage online daily/monthly/quarterly/half yearly/ yearly broker wise and consolidated with brokerage paid to a broker as a percentage of total brokerage for the day/month/quarter/half yearly/yearly		2	
5.1.1.10	Updation of market rates like ongoing spot/forward/Libor/Sibor/Mibor etc., based on feed available from various information systems like Reuters, Bloomberg, Cogenesis etc., either on line or off line in the proposed package		2	
5.1.1.11	• Updation of month end revaluation rates of FEDAI/weekly Average Rates • Valuation of outstanding deals daily/monthly as per bank's requirement as per FEDAI guidelines (Interpolation/Extrapolation, Yield Curve etc)		2	
5.1.1.12	• Various front office reports like NOOPL, VAR, IC5, GPB, Gap Statement with AGL /IGL etc., and other reports as required by regulators/bank from time to time • Various Reports on dealing operations like Transaction listing FX/MM/Derivatives, Currency 2Ledger, Position (exchange, non exchange, consolidated), Swap Register etc.,		2	
5.1.2	**Trading Operations:**			
5.1.2.1	Auto upload of deals from various trading platforms like Reuters, bloom berg, Single/Multi bank platforms, CCIL platforms with all relevant fields as required by bank		2	
5.1.2.2	Online monitoring of Trading position currency wise/dealer wise/Product wise		2	
5.1.2.3	Alerts on various limits pertaining to trading like open position, cut loss limits, per day per dealer limit, per day/month/quarter/yearly loss limit etc in true currency / consolidated USD / INR and other Risk limits as per bank's internal policy		2	

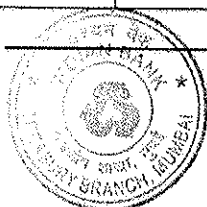| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
5.1.2.4	Monitoring of various limits pertaining to trading like open position, cut loss limits, per day per dealer limit, per day/month/quarter/yearly loss limit etc and other Risk limits as per bank's internal policy		2	
5.1.2.5	Reports on Trading profitability currency wise/dealer wise/portfolio wise/ Trading Swap Register		2	
5.1.2.6	Calculation of carry cost for the outstanding trading deals currency wise/dealer wise/portfolio wise/ Trading Swap Register		2	
5.1.3	**Currency Futures**			
5.1.3.1	Auto upload of currency future entries from various platforms like NSE/BSE/MCX etc.,		2	
5.1.3.2	Calculation of Open Interest , MTM, generation of Accounting entries.		2	
5.1.3.3	Report s on Currency futures like Transaction listing, MTM, daily profit, monthly profit and cumulative profit for a range of dates for the following products (dealer wise and consolidated): • Arbitrage • Trading • Customer cover		2	
5.1.4	**Cash Management:**			
5.1.4.1	Auto updation of opening cash balances (including AIP) MT 940/950 from Swift system		2	
5.1.4.2	Auto updation of Liquidity forecast for the current day in to Cash ledger		2	
5.1.4.3	All cash outflows on account of Merchant sales, Forward Sale utilisation, EEFC/PCFC/RFC/FCNR related outward payments to be updated in Cash ledger		2	
5.1.4.4	Updation of Lending, Nostro transfers, Vostro deals in Cash ledger		2	
5.1.4.5	Arrival of closing cash balance after taking all inflows/outflows at the end of day		2	
5.1.4.6	Provision to add manual entry to update the cash ledger in all Nostro accounts		2	
5.1.4.7	Liquidity forecast for a range of dates for FX,MM and Non Exchange Nostro accountwise		2	
5.1.4.8	Various reports pertaining the cash		2	

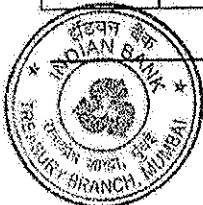| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	management as required by bank			
5.1.5	**Non Exchange Deals**			
5.1.5.1	Real time upload of FCNR/RFC/EEFC/PCFC entries from CBS to Treasury package with a check on duplication of entries		2	
5.1.5.2	Interest calculation and crystallization as per bank's internal policy		2	
5.1.5.3	Balancing of CBS balances with Treasury package on line branch wise and bank as whole		2	
5.1.5.4	Auto generation of accounting and reconciliation entries pertaining to Non exchange deals		2	
5.1.5.5	Various reports pertaining to FCNR/RFC/EEFC/PCFC as required by bank		2	
5.1.6	**BACK OFFICE**			
5.1.6.1	Verification, authorization and settlement of FX, MM and Derivative deals		2	
5.1.6.2	Returning of deals to dealers for correction in case of any error in data entry		2	
5.1.6.3	Cancellation of verification, authorization and settlement in case of correction		2	
5.1.6.4	Auto generation of IFN messages for all CCIL deals (no IFN for CCIL platform deals)		2	
5.1.6.5	Auto Generation of Confirmation of deals like MT 300, MT 320 etc.,		2	
5.1.6.6	Auto Generation of Payment messages MT 200, MT 203, MT 202, Reverse MT202 etc.,		2	
5.1.6.7	Auto Generation of Payment messages R41, R42 for RTGS settlements / NEFT Settlements.		2	
5.1.6.8	• Maintenance of SSI (Provision to create/update/delete as per User Matrix provided by Bank) • Generation of SSI (MT 299) to counter parties • Provision to link Multiple SSI's under Single counterparty code with default settings		2	
5.1.6.8	Change of Settlement Instructions for existing deals (our nostro and counter party nostro both) and Generation of MT 299 with revised		2	

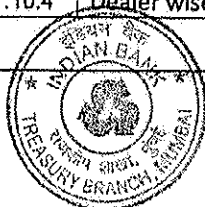| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	SSI			
5.1.6.9	Brokerage calculation, online verification of brokerage for the current month and cumulative calculation of charges for platforms like Reuters, D2, CCIL etc.		2	
5.1.6.10	Auto confirmation matching		2	
5.1.6.11	Report on unconfirmed contracts and generation of tracers		2	
5.1.6.12	Report on CCIL net as on given date , limit check, alert on limit breach if any		2	
5.1.6.13	The system should be able to process the deals and report to CCIL/CLS in an online real time mode		2	
5.1.6.14	The system should have complete interface with SWIFT for sending/receiving payments/ instructions/confirmations without any manual intervention		2	
5.1.6.15	The system should be able to generate automatically Modification / Amendment / Cancellation of SWIFT messages in case of deal modification		2	
5.1.6.16	Various reports like List of deals outstanding, CCIL/CLS settlement report, unconfirmed contracts, List of deals pending for settlements, Brokerage report for the current month and cumulative for the financial year with details of brokerage paid/to be paid as % of total brokerage etc., and any other report as required by users from time to time		2	
5.1.6.17	Generation of A3 forms for RTGS / NEFT deals of Vostro Clients		2	
5.1.6.18	Interface between Treasury software & CORE for INR credit to vostro /exchange house accounts		2	
5.1.6.19	Generation accounting/reconciliation entries for all the deals pertaining FX/MM/Derivative/Non exchange deals		2	
5.1.6.20	Generation of statement of account to vostro clients		2	
5.1.6.21	Provision of Rate Scan register to monitor off market deals if any		2	
5.1.7	**Web based interactive system between Branches and Treasury**			
5.1.7.1	A web based electronic interactive trading platform for reporting of merchant		2	

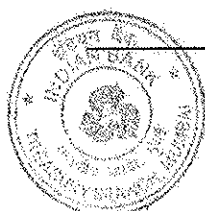| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	purchases/sales, Forward contracts from branches to treasury			
5.1.7.2	Card rates to be available in system for pick for low volume transactions (amount to be decided by bank)		2	
5.1.7.3	Option to be available to branch to choose either card rate or sent to dealers for obtaining rates		2	
5.1.7.4	Various products relates Exports/Imports/Non Exports/Non Imports/Others		2	
5.1.7.5	Provision to set default value "tom" for selected currencies like JPY, HKD etc., with an edit option for changing the value		2	
5.1.7.6	Branches to report purchases and sales according to products ->Treasury branch to pick up and quote rates -> branch to accept/reject/cancel -> if accepted by branch Treasury will commit the deal and position to be updated after committing the deal -> if rejected expecting better rate, the same will again transmitted to treasury for rate		2	
5.1.7.7	Before committing deal at treasury branch, provision to recall the deal and amend the particulars except rate by branch users		2	
5.1.7.8	User administration by Treasury branch/Branch as decided by Bank		2	
5.1.7.9	Rate quoted but not accepted by branches beyond a time period should be a stale, rates to be obtained fresh.		2	
5.1.7.10	All reports pertaining to merchant transactions to be made available to branches (current data and historical data)		2	
5.1.7.11	Customer masters to be uploaded from existing CBS system and provision for adding additional data as required		2	
5.1.7.12	Ability to pick up pre defined customer margins while reporting transactions to Treasury branch and provision for amend the margins		2	
5.1.7.13	Various branch wise reports like • List of purchases/sales/forward contracts booked during a period • Outstanding		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	purchases/sales/forward contracts • Details part and full amount utilizations under forward contracts			
5.1.7.14	Provision to upload SWIFT MT103/MT202 messages of entire bank in to the ITMS and branches can view their messages(Treasury branch can divert to their nearest authorized branches) only to report for purchases and end Swift Messages for sale reports.		2	
5.1.8	MIS			
5.1.8.1	• Various reports on Forward Contracts like Contracts booked, outstanding contracts, list of early deliveries with charges, list of forward cancelled during a period, overdue contracts as on a date etc., • Report on outstanding Suspense, Branch position and Forward contracts (MCR 1,2 and 3) • Report on position (consolidated exchange and non exchange, exchange alone, non exchange alone) • Report on Counterparty Exposure • Report on Country RISK Exposure • Report on Bills Crystallized • Report on Early Realization / Utilization- Bills • Report on early utilization- Forward contracts • Valuation of outstanding contracts, FX/Derivative contracts as per Bank's policy/RBI policy • Revaluation/MTM Report (Nostro and Forward Contracts separately) • Provision to enter only rupee mirror entries. • Treasury data needed for ALM,STDL, MAP,SIR,IRS,DSB,MCR statements etc • Scenario analysis (Parallel / Non-parallel shift for interest rate related portfolio, equity portfolio, forex		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	portfolio and derivatives portfolio • Turnover statement for derivatives, domestic, forex based on different platform, dealers etc. • Outstanding deals under banking book and trading book • List of forward contracts eligible for SWAP gains. • Capital charge as per Basel II and Basel III for Investments of FX/Domestic/Consolidaion. • Any other reports as required by Bank, Regulators, Auditors from time to time in the required format.			
5.1.9	**Remittances (inward and outward):**			
5.1.9.1	Auto pick of MT 103s from Swift with all particulars for reporting to dealers for rates		2	
5.1.9.2	Accounting /reconciliation entries to be generated automatically		2	
5.1.9.3	Provision to avoid duplication while processing MT 103s (to check nostro reference for duplication)		2	
5.1.9.4	In case data entry happens in CBS, a file to be uploaded to Treasury for updation of position		2	
5.1.9.5	Utilization of Purchase reports for settling branch claims and auto generation of related accounting/reconciliation entries		2	
5.1.9.6	Utilization of Sale reports and auto generation of related accounting/reconciliation entries and updation in Dealing room cash ledger wherever necessary		2	
5.1.9.7	Balancing of CBS intermediary accounts pertaining to Inward/Outward remittances		2	
5.1.10	**Mid Office:**			
5.1.10.1	Online monitoring of all risk limits as per Bank's Internal policy		2	
5.1.10.2	Limits Sheet - Daily activity report for activities covering all the transactions/activities (To cover all Risks as per bank's risk management policy)		2	
5.1.10.3	Exception report for entire treasury activity		2	
5.1.10.4	Dealer wise, deal wise, stop loss limits,		2	

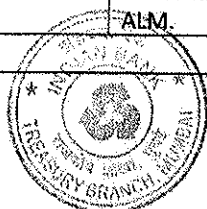| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	security wise, take profit limits, portfolio wise etc which needs as part of online monitoring by MID Office			
5.1.10.5	PV01 Bucket wise report as needed as part of RBS Data point (For trading book, Banking Book and together		2	
5.1.10.6	Min, Max,2ndmax,3rd max and average of various risk limits like NOOPL,VaR, AGL, Daylight, overnight limit etc based on the range selected		2	
5.1.10.7	Product wise / Currency wise breakup of data used in various reports like NOOP, NOPL, AGL, IC5 etc.,		2	
5.1.11	**Exchange houses and Vostro accounts**			
5.1.11.1	Auto upload of deals from Reuters conversation		2	
5.1.11.2	Accounting and reconciliation		2	
5.1.11.3	Various reports on Exchange houses/Vostro accounts		2	
5.1.11.4	Generation of Statement of accounts currency wise for all Exchange houses/Vostro accounts accountwise		2	
5.1.12	**Reconciliation**			
5.1.12.1	Auto upload of all MT 940/950 messages from Swift without manual intervention		2	
5.1.12.2	Auto matching of Interbank deals		2	
5.1.12.3	Auto matching of all entries interfaced from CBS platform like FCNR/RFC/EEFC/PCFC/FCFBD		2	
5.1.12.4	Auto matching of all deals from Interactive Trading platform		2	
5.1.12.5	Provision to match entries manually		2	
5.1.12.6	Provision to transfer entries from one nostro to another nostro for rectification purposes		2	
5.1.12.7	Provision to segregate outstanding entries branch wise (subject to availability of reference)/ product wise		2	
5.1.12.8	Various reports pertaining to Reconciliation department like • List of outstanding mirror debits/mirror credits/ statement debits/statement credits currency wise/nostro wise • List of entries outstanding entries age		2	

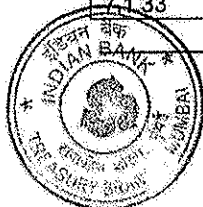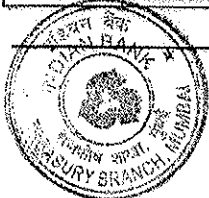| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	wise/product wise/nostro wise etc., • List of entries matched during a period nostro wise/user wise/currency wise • Any other reports as per the requirement of users			
6.0	**Derivatives**			
6.1	Derivatives products (including but not limited to the following)			
6.1.1	Forex Forwards		2	
6.1.2	OTC American / Euro FX Options		2	
6.1.3	ETC Fx Options		2	
6.1.4	FX Swap Options		2	
6.1.5	Barrier Options and variants		2	
6.1.6	Digital Options and variants		2	
6.1.7	Exchange Traded FX Futures		2	
6.1.8	Exchange Traded interest rate futures		2	
6.1.9	Range Accruals & Variants		2	
6.1.10	TARN		2	
6.1.11	Snowball		2	
6.1.12	Forward Rate Agreement		2	
6.1.13	IRS and Variants		2	
6.1.14	CCS and Variants		2	
6.1.15	OIS (India)		2	
6.1.16	Interest Rate Swaptions		2	
6.1.17	Interest Rate Options and Structures		2	
6.2	**Pricing and Structuring of Derivatives products/transactions**			
6.2.1	Comprehensive pre-trade Analysis.		2	
6.2.2	Deal Structuring must have standard template and flexibility		2	
6.2.3	System should be capable of scenario analyzing a comprehensive manner.		2	
6.2.4	Flexibility for deal pricing under different models and input variables.		2	
6.2.5	System should calculate risk factor sensitivities at trade levels and generates reports on a what-if-basis.		2	
6.2.6	System should generate terms sheet in line with norms.		2	
6.2.7	Computation of premature unwind settlement value		2	
6.2.8	System should be capable of defining and generating different term structures.		2	
6.2.9	System should be capable of employing different calculation methods and models for various derivatives instrument.		2	
6.2.10	Pricing of counterparty credit risk in derivative		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	transaction should be calculated.			
6.3	**Deal Capture & Documentation**			
6.3.1	System must have standard templates by the necessary flexibility.		2	
6.3.2	Deal capture to include all particulars pertaining to each type of products.		2	
6.3.3	Provision for capturing pre deal documents.		2	
6.3.4	Provision for periodic update of documents.		2	
6.3.5	Provision for deviation report, authorization of such exception and follow up.		2	
6.3.6	Upload of scanned copies of documents.		2	
6.3.7	System generated reports pertaining to clients, including but not limited to MTM, Term Sheet, Settlement Report etc.		2	
6.3.8	Communication between IB, Merchant desk and BO through the Treasury System.		2	
6.4	**Settlement Module and various reports.**			
6.5	**Portfolio management and Derivatives risk analytics.**			
6.5.1	System should calculate greeks for options portfolio (Delta, Gamma, Vega, Theta, Rho & Phi) as well as modified greeks.		2	
6.5.2	Valuation of option portfolio on real time basis and computation of various greek's like delta, gamma, vega, theta etc. also on realtime basis. And valuations of all derivatives.		2	
6.5.3	Scenario analysis and report generation on options portfolio under different market conditions.		2	
6.5.4	System should calculate net PV01, Greeks at portfolio level.		2	
6.5.5	System should be able to decompose deals into simpler elements.		2	
6.5.6	System should be able to do P&L attribution to various risk factors.		2	
6.5.7	P&L and other portfolio reports should have a drill down feature.		2	
6.5.8	System should generate dealer wise and portfolio wise P&L and risk sensitivities.		2	
6.5.9	System should be able to generate alerts for rebalancing/delta hedging options portfolio.		2	
6.6	**Detailed valuation module.**		2	
6.7	**Cash Flow Reports.**		2	
6.8	**Accounting Reports.**		2	
6.9	**P & L Reports.**		2	
6.10	**Hedge Effectiveness Report.**		2	
7.1	**Analytics**			

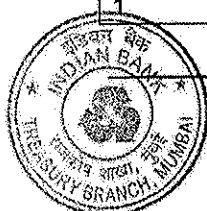| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
7.1.1	Valuation of SLR and NSLR instruments - as per guidelines (including Traded Debentures Valuation and valuation of HTM category).		2	
7.1.2	List of Exposure to particular industry / sector / group for domestic, FX and consolidated with breakup report.		2	
7.1.3	Internal Rating / External rating details of each investments.		2	
7.1.4	Listed / Unlisted details of each investments - as compulsory field.		2	
7.1.5	Secured/ unsecured marking of each investments.		2	
7.1.6	Identification and mapping of Investments as NPI and marking of investments acquired through restructuring/CDR/SDR.		2	
7.1.7	Duration, Modified Duration, PV01 of all investment portfolio- Category & Portfolio wise and for Total Investments.		2	
7.1.8	Discount accrual for discounted instruments on daily basis by increasing book value of Investments/Ammortisation		2	
7.1.9	Daily/weekly/monthly/quarterly/half yearly average category wise (like CG- AFS, HFT etc) and portfolio wise (like total AFS, HFT etc) and Total Investments of:-		2	
7.1.9.1	Daily Average of Investments - Book Value, Face Value, Market Value, Appreciation, Depreciation.		2	
7.1.9.2	Daily Average of Investments - PV01 and Moduration (Tenor wise also like less than 1 year etc) and Interest rate sensivity		2	
7.1.10	Daily average of all borrowing and lending's - category wise like call, CBLO, Foreign Currency etc with average cost / income.		2	
7.1.11	Yield on Investments - Interest / Income & Trading together (SLR, NSLR separately and entire portfolio) Investment position for comparison between two given dates.		2	
7.1.12	Trading Profit Statement- Consolidated as per our format (Consolidated / Category wise) - Daily.		2	
7.1.13	ALM of Investments, Borrowing, Lending's etc category wise, including FCY Borrowing & Lending.		2	
7.1.14	Consolidated Information as per our format for ALM.		2	

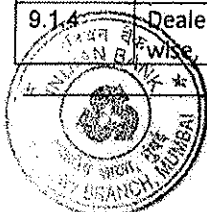| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
7.1.15	Provision for data extract for Central MIS integration.		2	
7.1.16	Fund flow (Inflow & Outflow) position of all the items in different buckets including Treasury and Central System.		2	
7.1.17	All data points needed as part of Risk Based Supervision along with logging of workings		2	
7.1.18	All RBI returns related to Treasury , CRAR data for (Treasury) etc.		2	
7.1.19	Sensitivity Analysis of Investments portfolio as per our format.		2	
7.1.20	Treasury data for LCR, NSFR as per the guidelines.		2	
7.1.21	Turnover data of Investments as per our format.		2	
7.1.22	Calculation of Capital Charge of Investments and FX as per Basel III guidelines.		2	
7.1.23	Calculation of Capital Charge of Investments and FX as per Basel II guidelines.		2	
7.1.24	Shifting of Investments between categories (AFS, HFT and HTM).		2	
7.1.24.1	Automatic vouching of Provision/loss in CBS TCS Bancs as per the guidelines		2	
7.1.25	NPI - Calculation of Memorandum of Interest, maintenance of provision, NPI movement and creation and maintenance of FITL accounts.		2	
7.1.26	Automatic classification of Asset Classification (Standard, Sub-Standard, Doubtful and Loss) based on receivables realized and as per guidelines.		2	
7.1.27	Daily Reconciliation of SGL and CSGL without manual intervention.		2	
7.1.28	Daily Reconciliation of Demat (maintained with Stock Holding) with Equity Investment Portfolio without manual intervention.		2	
7.1.29	Daily Reconciliation of Demat (maintained with IBMBS) with NSLR Investment Portfolio without manual intervention.		2	
7.1.30	Depreciation Provision and NPI Provision on Investments, maintenance, movement, and reporting as per our formats.		2	
7.1.31	All the MIS reports of Investment Portfolio/MM should be generated by the software as per our formats.		2	
7.1.32	All the customized reports of Investment Portfolio/MM should be generated by the software as per our formats		2	
7.1.33	CRR maintenance with dashboard with cash		2	

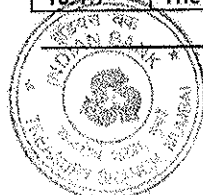| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	inflows/outflows			
7.1.34	SLR maintenance with dashboard with inflows/outflows		2	
7.1.35	Pre-Deal analysis: Deal/Deals effect on entire/selected Investment Portfolio with app/dep, effect on Modified Duration, PV01, counterparty limits and other factors as per our format		2	
7.1.36	Consolidated exposures (Domestic and Forex) monitoring and alerting before entering the deal. (Counterparty limit exposure and other exposures as specified by the bank from time to time and on real time basis)		2	
7.1.37	Mapping of CIF in CBS (TCS Bancs) with unique identifier of issuers of securities in the software.		2	
7.1.37.1	Monthly, weekly and daily ledger of equity, VCF and Mutual Funds should be prepared by system with holding percentage in any company.		2	
7.1.37.2	Monthly, weekly and daily ledger for equity classified as Financials, Non financials, preference shares, Subsidiary/ Joint Ventures and Banking Firms (reports should come separately)		2	
7.1.37.3	Listed and Unlisted ledger separately		2	
7.1.37.4	Dividend Ledger.		2	
7.1.37.5	Exempted items from capital market exposure.		2	
7.1.37.6	Our investments in Tier II capital of other banks.		2	
7.1.37.7	Call Borrow and Minutes templates.		2	
7.1.38	NSLR Other Details			
7.1.38.1	On Line Rate Scan Of The Bonds And Debenture Deals Based On The Trade Day Deals Details Taken From The Nse Or Fimmda Data Base.		2	
7.1.38.2	Preparation Of The Reports Approval Reports For The Sale Of The Nslr Security.		2	
7.1.38.3	Provision For Security Receipts Partial Redemption Description Column To Insert Details To Feeded In The Systems.		2	
7.1.38.4	Provision For Irregular Cash Flow Instrument Receipts Accounting With Without Reentry Of The Deal.		2	
7.1.38.5	Accounting Reminder Of The Interest Arrears		2	

| Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	Not Received On The Partial Redemption Of The Principle On The Actual Date Of Receipt Of The Interest In Income Management .(Ridf And Security Receipt).			
7.1.38.6	Network Analysis (Based On The RBI Format)		2	
7.1.38.7	All Details Are Not Seen In Authorization Screen. Dealers Comments Are Not Visible In The Authorization Screen To Mention Rate At The Deal Time.		2	
7.1.38.8	Financial Data Should Be Taken From The Reuter And Bloomberg For Calculation Of The Financial Ratio.		2	
7.1.38.9	Rating Migration Report Of The Listed Entity Should Generated Based On The Rating Given By The Rating Agency (Crisil , Care Fitch Icra) On Quaterly Basis.		2	
7.1.38.10	NSLR HFT Ageing Data/stop loss		2	
7.1.38.11	Brokerage Turnover Data And Broker Payment Confirmation		2	
7.1.38.12	WAC Report		2	
7.1.38.13	Auto Discount Accrestion For (Cd, Cp& Tbills) On Daily Basis Auto Update in CBS with maker checker concept.		2	
7.1.38.14	Masters of nslr bonds and debentures/commercial paper to be fixed at entity levels and only placements to be instrument wise		2	
7.1.38.15	Cash flows to be inputted once only and should not be changed		2	
7.1.38.16	Masters to be edited needs maker /checker concept		2	
7.1.38.17	Commercial paper and bonds investments needs limits in the system		2	
7.1.38.18	Amortization / Accrued interest on CD/CP/Tsbills to be a day end process		2	
7.1.38.19	Bonds and Commercial paper notes to CSC and respective authority to be brought into the system		2	
7.1.38.20	System to be linked to CBS to arrive at single borrower and group borrower		2	
7.1.38.21	Debenture and bonds trading and valuation on Tax free		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
7.1.38.2.2	Rating migration/rating internal/rating external		2	
7.1.38.2.3	Security receipt investments /NAV to be calculated for valuation /yield on SR/over and above income on SR		2	
7.1.40	Pre-Shifting Analysis (Between Categories AFS/HFT/HTM)		2	
7.1.40.1	Pre-Shifting effect on risk factors (Modified Duration, PV01 and other factors) as per our format		2	
8.1	**Interfaces - Receive input / Sending Output automatically without manual intervention from:**			
8.1.1	Reuters Rates		2	
8.1.2	Reuters Deals		2	
8.1.3	RTNS Deals form other than Reuters Platform.		2	
8.1.4	Deals from CCIL's FX-Clear.		2	
8.1.5	SWIFT		2	
8.1.6	RTGS/NEFT		2	
8.1.7	NDS-OM		2	
8.1.8	NDS Call		2	
8.1.9	NDS Auction		2	
8.1.10	STP Gateway for Equity Trades		2	
8.1.11	CCIL - CBLO		2	
8.1.12	CCIL - CROMS		2	
8.1.13	CCIL - CLS		2	
8.1.14	CCIL - USD/INR		2	
8.1.15	CCIL - FORWARD		2	
8.1.16	CCIL - IRS		2	
8.1.17	AMFI for Mutual Funds		2	
8.1.18	SAS - ALM/Risk Management Software.		2	
8.1.19	BSE/NSE/MCX/USE Bhav/Bilav files for price upload.		2	
8.1.20	FEDAI, FIMMDA for valuation (as per the latest guidelines).		2	
8.1.21	NSE /MCX/ USE Futures trading and risk management platform		2	
8.1.22	Online Trading platform for merchant transactions		2	
9.1	**Mid-Office Requirements**			
9.1.1	Limits Sheet - Daily activity report for activities covering all the desks including risk appetite position.		2	
9.1.2	Exception report for entire treasury activity.		2	
9.1.3	Rate scan monitoring by taking relevant data from Bloomberg/Reuters feeder systems.		2	
9.1.4	Dealer wise, deal wise, stop loss limits, security wise, take profit limits, portfolio wise etc which		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	needs as part of online monitoring by MID Office.			
9.1.5	Turnover statement for derivatives, domestic, forex based on different platform, dealers etc.		2	
9.1.6	PV01 Bucket wise report as needed as part of RBS Data point (For trading book, Banking Book and together)		2	
9.1.7	Min, Max,2ndmax,3rd max, avg for NOOPL, AGL, VaR, MDuration, Daylight, Excess SLR, Excess CRR, Call, CBLO,LAF etc based on the range selected.		2	
9.1.8	Data needed in predefined format for SMM and IMA capital computation.		2	
9.1.9	Product wise breakup of data used in various reports like NOOP, NOPL, AGL, IC5, IC6.		2	
9.1.10	Treasury data needed for ALM,MAP,SIR,IRS statements etc Scenario analysis (Parallel / Non-parallel shift for interest rate related portfolio, equity portfolio, forex portfolio and derivatives portfolio).		2	
9.1.11	Scenario analysis (Parallel / Non-parallel shift for interest rate related portfolio, equity portfolio, forex portfolio and derivatives portfolio).		2	
9.1.12	Capital computation of investment portfolio through SMM as per regulatory requirement.		2	
10.1	**User Related Requirement**			
10.1.1	Parameterized Password standards - Min and Max Length, Number of Numerals and Special Characters, Number of times old passwords do not used, Reset Password period, etc to done as per Bank's Policy.		2	
10.1.2	Multiple logins to a single user should not be allowed.		2	
10.1.3	Integration of User Authentication with Active Directory.		2	
10.1.4	The system should support two-factor authentication and where required interface with Bio Metric Verification.		2	
10.1.5	Maker checker for all operations (financial, non-financial, user administration, product configuration etc.,) - Parameterized to avail.		2	
10.1.6	The system should have capability to lock the screen if left attended for parameterized time and facility should be provided to either logout or re-activate using User's Password		2	
10.1.7	The duties of System administrators, Security		2	

Item No.	Description	Readily Available(R)/ Customizable(C)/ To be Developed(D)	Maximum Marks	Module name with relevant details
	administrators, and User Groups should be clearly segregated.			
10.1.8	The system should be able to define different level (profiles) for different type of users like Dealer, front office user, back office user, mid office user.		2	
10.1.9	Maker/checker concept should be mandatory for all transactions.		2	
10.1.10	The system should disable the user on defined (parameterized) number of unsuccessful attempt to login.		2	
10.1.11	Password history should be maintained and user shall not be able to reuse previous passwords. The number of passwords in history should to parameterized.		2	
10.1.12	Password shall be encrypted and not directly transmitted over WAN/Internet or stored in database or initialization files, registry etc.		2	
10.1.13	The system should automatically disable a User if not logged into the system for a parameterized period.		2	
10.1.14	The system should disable automatically a user after a specified date (parameterized) namely Retirement date or Deputation period.		2	
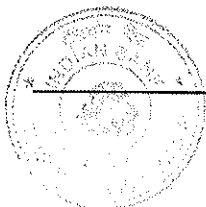
ANNEXURE – II
SOLUTION TECHNICAL REQUIREMENTS

Sl. No.	Particulars	Bidder's Response (Complied/ Not Complied)
1.	**Integration Application Requirements**	
1.1	Ability to integrate to support online, real time and batch operation	
1.2	Integrator's support for scheduling and defining of jobs	
1.3	Application should handle automatic switchover in cluster environment	
1.4	Should be able to support different protocols (TCP/IP, IPX etc.)	
2.	**Database requirements**	
2.1	Ability for patch management / up gradation of database	
2.2	Ability to support online replication	
2.3	Ability to implement SANs for data storage in the architecture	
3.	**General IT related Requirements**	
3.1	Audit trail of all the activities should be maintained	
3.2	System should track the client's IP and Network interface address	
3.3	Export of reports and inquiries into different formats like Word, Excel, PDF, Text, CSV etc.	
3.4	Application Should be Web Based only	
3.5	The solution should have the capability to archive the data on HDD/ Peripherals and retrieve from the above for the purpose of processing.	
3.6	The solution should provide user defined backup/retrievals (Automated/ Scheduled/Manual).	
3.7	The details of support for direct Backup/Retrieval of database and applications shall be furnished	
3.8	Support for integration with packages like chart generators, Statistical/ Financial DLLs, MS Office Components, Popular Case Tools etc.	
3.9	Type of import and export capabilities available for creating customized data feeds.	
3.10	Day/Month/Qtr. End/Half year end/Year Begin and end Reports should be defined and generated immediately without any user intervention.	
3.11	Database link, Data Dictionary and support should be provided to Bank's DataWarehousing & MIS project to enable them to generate the reports in Bank's formats without any additional cost.	
3.12	Data migration if any from existing ITMS v4.6 from M/s Credence Analytics (India) Pvt. Ltd Solution should be the sole responsibility of the new bidder. However, Bank shall co-ordinate for providing the	

	required data from the existing systems. No manual data entry of master and transaction records should be done by the users. The data required in the proposed solution which is not available in the existing FRM solution has to be extracted from other source systems and uploaded to the proposed solution by the bidder without any manual intervention.	
4.	**Security / Audit Trail**	
4.1	The system should enable profiling of users and definition of control levels and passwords	
4.2	All Error messages must be logged. It should be possible to look up on-line (by error message number or by alphabetical list) all error messages reported by the system, to determine their meaning and the appropriate corrective course of action. Error messages or events of a certain severity level should be immediately notified automatically by email, SMS, etc. to the System Administrator's Group and actual user.	
4.3	System should provide auditable management of User-ids, access rights and passwords, logins, activities etc	
4.4	Maintenance of a secure, auditable log of access to the system, identifying user-id, date, time, functions accessed, operations performed. The raw logs have to be stored for at least 10 years.	
4.5	Proposed solution should provide complete forensic evidence as to why a transaction was declined/hold/allowed.	
4.6	A Separate Login/Role / user type is required for Auditors who can view all the parameters / test cases / pending reports/ and perform complete Audit / reporting through the user. Though the audit user would have view permission only for the FRM data/details, he would have the full capabilities including update / delete in the audit schema.	
5.	**Ability to provide comprehensive Audit trail features such as :**	
5.1	Daily activities log merged into the history log file/s	
5.2	Date, time and User stamped process list for different processes.	
5.3	Provision for daily activity report/s to highlight all the processes invoked	
5.4	Provision for recording of all unsuccessful login attempts	
6.	**Networking / Bandwidth Requirements**	
6.1	Bandwidth requirements should be provided to the Bank as per below chart.	

Year	Between	Bandwidth required with units like mbps/kbps
1st	DC and DR	
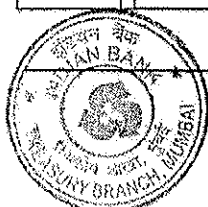
	2nd			
	3rd			
	4th			
	5th			
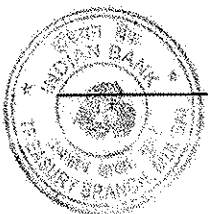
Section III –CONDITIONS OF CONTRACT

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SECTION – III –CONDITIONS OF CONTRACT

1.   DEFINITIONS

In this contract, the following terms shall be interpreted as indicated:

a.   "**The Contract**" means the agreement entered into between the purchaser and the supplier, as recorded in the contract form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein;

b.   "**The Contract Price**" means the price payable to the supplier under the contract for the full and proper performance of its contractual obligations;

c.   "**The Goods**" means all of the equipment, machinery, and / or other materials which the supplier is required to supply to the purchaser under the contract;

d.   "**The Services**" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training and other such obligations of the supplier covered under the contract;

e.   "**The Purchaser**" means Indian Bank.

f.   "**The Supplier**" means the company supplying the Goods and Services under this Contract.

g.   "**The Project Site**", where applicable, means the place of delivery of equipments.

2.   USE OF CONTRACT DOCUMENTS AND INFORMATION;

2.1   The supplier shall not, without the purchaser's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the purchaser in connection therewith, to any person other than a person employed by the supplier in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

2.2   The Supplier shall not, without the purchaser's prior written consent, make use of any document or information pertaining to this contract except for purposes of performing the contract.

3.   INTELLECTUAL PROPERTY RIGHTS

While the successful bidder/OEM shall retain the intellectual property rights for the application software, it is required that successful bidder shall grant the perpetual license to the bank for the bank's exclusive use without limitation on the number of users. The successful bidder shall place the source code of customizations done for the bank (and the procedures necessary to build the source code into executable form) for the application software, in escrow with a reputable agency (a bank or established software escrow firm in India) acceptable to the Bank during the contract period.

4.   PERFORMANCE SECURITY

4.1   Within 15 days of issue of Purchase Order, the supplier shall furnish to the Purchaser the Performance Security equivalent to 10% of the Contract Amount in the form of a Bank

Guarantee issued by a Scheduled Commercial Bank located in India, valid for 71 months(with further one month of claim period), in the format enclosed.

4.2 The proceeds of the Performance Security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

4.3 The Performance Security will be discharged by the Purchaser and returned to the Supplier after expiry of claim period.

4.4 In case of project getting delayed, Bank will seek extension of the Performance bank guarantee

5.   INSPECTIONS AND TESTS

5.1 The Purchaser or its representative(s) shall have the right to visit and /or inspect any of the Bidder's premises to ensure that data provided by the Bank is not misused. The Purchaser shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

5.2 Any charges payable to the Purchaser's representative designated for inspection shall be borne by the Purchaser.

5.3 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery and / or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Purchaser.

5.4 Should any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements at no additional cost to the Purchaser.

5.5 The Purchaser's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the destination shall in no way be limited or waived by reason of the Goods having previously been inspected, tested and passed by the Purchaser or its representative prior to the Goods' shipment.

6.   DELIVERY AND DOCUMENTS

Delivery of the goods and services shall be made by the Supplier in accordance with the terms specified in the schedule of requirements. Road permits will not be given / arranged by the purchaser. The supplier has to make his own arrangements to deliver the equipment at the site provided by Bank. The details of shipping and / or other documents to be furnished by the Supplier are as follows.

  (i) Copy of the Supplier Invoice showing contract number, description, quantity, unit price, total amount;
  (ii) Delivery Note, acknowledgement of receipt of goods from the Consignee;
  (iii) Manufacturer's / Supplier's Warranty Certificate;
  (iv) License Certificates.

7.   COMPREHENSIVE ONSITE WARRANTY

7.1 The supplier has to provide 1 year onsite comprehensive 24*7*365 maintenance support under warranty from the date of go live.
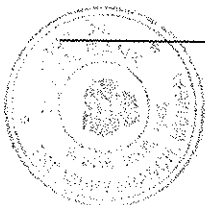
7.2 Upon receipt of such notice, the Supplier shall with all reasonable speed, repair or recitify the issue raised by the Purchaser, without cost to the Purchaser.

7.3 If the Supplier, having been notified, fails to remedy the issue(s) within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Purchaser may have against the Supplier under the Contract as per the SLA.

7.4 Comprehensive Onsite AMC for 4 years after warranty period of one year after go live. However, Bank reserves the right to enter into AMC with other vendor.

8. CONTRACT PERIOD

The contract period will commence from the date of acceptance of the Purchase order and will be valid upto a period of five year (one year warranty and four years ATS/AMC) from the date of go live or sign off. The contract is extendable / renewable further at the option of the Bank on mutually agreed terms.

9. PAYMENT TERMS

The Bank shall make payments as follows:

Milestones	License Cost	Implementation Cost
Delivery of UAT (Non- Production) licenses at Primary Site and submission of SRS document	80% of the cost of UAT licenses	10% of implementation cost
UAT	20% of the cost of UAT licenses	20% of implementation cost
Delivery of Production Licenses at Primary and DR site	80% of the cost of Production licenses	-
Installation of ITMS solution	--	10% of implementation cost
Customization and Migration from the existing application solution	--	20% of implementation cost
Go-Live	20% of the cost of Production licenses	20% of implementation cost
2 DR Drills		10% of Implementation cost on successful completion of each DR drill.
AMC/ATS for the solution for 2nd year from the date of Go-live	90% of the cost of AMC/ATS for the solution implemented at DC and DR	
AMC/ATS for the solution for 3rd	100% of the cost of	

year from the date of Go-live	AMC/ATS for the solution implemented at DC and DR	
AMC/ATS for the solution for 4th year from the date of Go-live	100% of the cost of AMC/ATS for the solution implemented at DC and DR	
AMC/ATS for the solution for 5th year from the date of Go-live	100% of the cost of AMC/ATS for the solution implemented at DC and DR	
AMC/ATS for the solution for 2nd year from the date of Go-live	10% of the cost of AMC/ATS for 2nd year AMC/ATS for the solution implemented at DC and DR	
Customization and change requests raised by bank after completion of warranty period i.e. post one year warranty from the days of Go live.		

The ITMS solution & related software should be maintained with back to back 24*7*365 support from the respective OEMs by the bidder till the end of the contract period. Also, onsite support should be provided from 8:00 AM to 8:00 PM on all Bank working days for a period of six months from the date of go live. All payments will be released only after submission of the proof for the same along with the invoices, request for payment and other related documents.

The successful Bidder must accept the payment terms proposed by the Bank. The financial bid submitted by the Bidder must be in conformity with the payment terms proposed by the bank.

The bank shall have the right to withhold any payment due to the bidder, in case of delays or defaults on the part of the bidder. Such withholding of payment shall not amount to a default on the part of bank.

10. CHANGE ORDERS

10.1 The Purchaser may at any time, by a written order given to the Supplier make changes within the general scope of the Contract in any one or more of the following :

a.   the place of delivery; and / or
b.   the Services to be provided by the Supplier;

10.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.

11.   DELAYS IN THE SUPPLIER'S PERFORMANCE

11.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Purchaser in the Schedule of Requirements.

11.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Purchaser in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Purchaser shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of the Contract.

12.   LIQUIDATED DAMAGES

The supplier must strictly adhere to the schedules for completing the assignments. Failure to meet these Implementation schedules, unless it is due to reasons entirely attributable to the bank, may constitute a material breach of the supplier's performance. In the event that the purchaser is forced to cancel an awarded contract (related to this RFP) due to the successful supplier's inability to meet the established delivery dates, the purchaser may take suitable penal actions deemed fit in addition to invocation of performance guarantee.

Liquidated Damages on delay in Implementation: For delay beyond the implementation schedule, The supplier shall be liable to forfeit 0.5%of the cost of the deliverables for the respective implementation phase, as per the project implementation timelines mentioned in clause no. 3 of Section IV, for every week or part thereof subject to maximum of 10% of cost of project for the delay solely not attributable to purchaser. Once the penalty crosses 10%of the cost of the project, purchaser reserves the right to cancel the contract.

13.   GUARANTEES ON RESPONSE TO ERRORS

The Bank will classify all issues in production region in three categories:

- Severity 1: Fault/bugs which prevent the software from being used at all or affect the critical operations of the licensee which is exclusively dependent on functioning of this application/software.
- Severity 2: Faults refer to faults/bugs which severely affect the functionality of the implemented software or affect the critical operations of the Licensee which is exclusively dependent on functioning of this application/software.
- Severity 3: These are bugs those for which workaround solutions exist and/or relate to the non-critical functionality of the implemented software

The successful bidder undertakes and guarantees that all the errors will be resolved in the production environment; and any failure will be subject to the penalty clause stipulated below. The classification of error types by the bank is final and is binding on the successful bidder.

Issue Classification	Warranty Period		Post-Warranty Period	
	Response Time	Resolution Time	Response Time	Resolution Time
Severity 1	0.5 hours	4 hours	0.5 hours	4 hours
Severity 2	1 hour	6 hours	1 hour	6 hours
Severity 3	2 hours	12 hours	2 hours	12 hours

*A penalty of Rs. 2,000/- shall be charged per hour for non-conformance with the aforementioned table. Maximum penalty for non-conformance would be capped at the cost of the project.

14. TERMINATION FOR DEFAULT

14.1 The Purchaser, without prejudice to any other remedy for breach of contract, by 15 days written notice of default sent to the Supplier, may terminate this Contract in whole or in part :

a. if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser;

or

b. if the Supplier fails to perform any other obligation(s) under the Contract and fails to cure the same within the curing period provided by the purchaser in writing.

c. If the Supplier, in the judgement of the Purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

'For the purpose of this clause:

"corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and

"fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Purchaser of the benefits of free and open competition.

14.2 In the event the Purchaser terminates the Contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Purchaser for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

15. FORCE MAJEURE

15.1 The Supplier shall not be liable for forfeiture of its performance security, liquidated damages, or termination for default, if and to the extent that, its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

15.2 For purposes of this clause, "Force Majeure" means an event beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but are not restricted to, acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

In such a case the time for performance shall be extended by a period (s) not less than duration of such delay. If the duration of delay continues beyond a period of three months, the Bank and the successful bidder shall hold performance in an endeavour to find a solution to the problem.
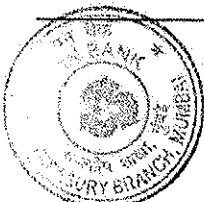
Notwithstanding the above, the decision of the Bank shall be final and binding on the successful Bidder.

16. TERMINATION FOR CONVENIENCE

The Purchaser, by 30 days written notice sent to the Supplier, may terminate the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the Contract terms and prices. For the remaining Goods, the Purchaser may elect:

a.   to have any portion completed and delivered at the Contract terms and prices; and / or

b.   to cancel the remainder and pay to the Supplier an agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

17. SETTLEMENT OF DISPUTES

17.1 If any dispute or difference of any kind whatsoever shall arise between the purchaser and the supplier in connection with or arising out of the contract, the parties shall make every effort to resolve amicably such disputes or difference by mutual consultation.

17.2 If after 30 days the parties have failed to resolve their disputes or difference by such mutual consultation, then either the purchaser or the supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

17.3 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the goods under the contract.

17.4 Submitting to arbitration may be considered as an additional remedy and it does not preclude the Parties to seek redressal/other legal recourse.

Arbitration proceedings shall be conducted in accordance with the following rules of procedure.

The dispute resolution mechanism to be applied shall be as follows:

(a)   In case of dispute or difference arising between the Purchaser and a Supplier relating to any matter arising out of or connected with this agreement, such dispute or difference shall be settled in accordance with the Arbitration and Conciliation Act, 1996. The arbitral tribunal shall consist of 3 arbitrators one each to be appointed by the Purchaser and the Supplier; the third Arbitrator shall be chosen by the two Arbitrators so appointed by the Parties and shall act as Presiding Arbitrator. In case of failure of the two arbitrators appointed by the parties to reach upon a consensus within a period of 30 days from the appointment of the Arbitrator appointed subsequently, the Presiding Arbitrator shall be appointed by the Indian Banks' Association, India which shall be final and binding on the parties.

(b)   If one of the parties fails to appoint its arbitrator within 30 days after receipt of the notice of the appointment of its Arbitrator by the other party, then the Indian Banks' Association, shall appoint the Arbitrator. A certified copy of the order of the Indian Banks' Association making such an appointment shall be furnished to each of the parties.

(c)   Arbitration proceedings shall be held at Chennai, India, and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

(d)   The decision of the majority of arbitrators shall be final and binding upon both parties. The cost and expenses of Arbitration proceedings will be paid as determined by the Arbitral Tribunal. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its proceedings as also the fees and expenses paid to the arbitrator appointed by such party or on its behalf shall be borne by each party itself.

(e)   Where the value of the contract is Rs. 10 million and below, the disputes or differences arising shall be referred to the Sole Arbitrator. The Sole Arbitrator shall be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the Indian Banks' Association.

(f)   Notwithstanding any reference to arbitration herein,

   i.   the parties shall continue to perform their respective obligation under the contract unless they otherwise agree; and

   ii.   the purchaser shall pay the supplier any monies due to the supplier.

18.   CONFIDENTIALITY

The Bidder will be exposed by virtue of the contracted activities to internal business information of Bank, affiliates, and/or business partners. Disclosure of the aforementioned information to parties not directly involved in providing the services requested could result in the disqualification of the Bidder, pre-mature termination of the contract, or legal action against the Bidder for breach of trust. Successful bidder has to enter into Non-disclosure agreement(as per format enclosed) with the Bank. Besides the successful bidder, the employees/representatives of the Bidder who are responsible for the implementation of the project are also required to enter into a Non-disclosure Agreement (as per the NDA format prescribed by the Bank for functionaries) in their personal capacity.

19.   APPLICABLE LAW

The Contract shall be interpreted in accordance with the laws of India. Any dispute arising out of this contract will be under the jurisdiction of Courts of Law in Chennai.

20.   INSTALLATION REQUIREMENTS

The Supplier will test all software operations and accomplish all adjustments necessary for successful and continuous operation of the software solution at all installation sites. Supplier has to provide the power cables required to install the systems being supplied.

21.   MAINTENANCE

The Successful Bidder must provide uninterrupted availability of the application solution and ensure that the problem is resolved within the time schedule as prescribed in the clause no. 13 of section III Also, the successful bidder agrees to maintain the entire supplied ITMS solution, supplied with the proposed solution on a 24*7*365 basis with a back to back arrangement with respective OEMs to ensure meeting the terms of the RFP. For any major break down such as application crash, the successful bidder must arrange for immediate onsite support for recovery and resumption of operations. The re-installation of any software including RDBMS (Relational Database Management System) if required is the sole responsibility of the successful Bidder, which should be treated as service provided under Warranty and AMC/ATS. Maintenance support will also include installation of system updates and upgrades, providing corresponding updated manuals, and follow-up user training. During the contract period, all updates and upgrades should be free and must be implemented without any additional cost to the bank. All the
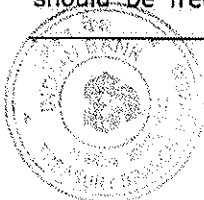
software supplied must be maintained under back to back support from the respective OEMs and the versions installed must not be End of life / support. All software installed must be maintained with latest patches and fixes free from any known bugs, vulnerabilities, etc. Certificate for the same should be submitted half-yearly to Bank by the successful bidder. During the contract period, all regulatory / statutory requirements/modifications to existing solution should be done without any additional cost to the Bank.

22. TRAINING

Please provide training plan in detail covering the following

1. The Supplier should provide training to personnel identified by purchaser from domain team on end user aspects of ITMS solution.
2. The duration of the training will be of 6 days.
3. The Supplier should provide the End - User Training.
4. The training has to be provided to 70 officers of purchaser in at least 2 batches not exceeding 35 officers each
5. Training should include training aids such as online tutorials, manuals, etc
6. The Supplier should provide detailed training plan for this purpose as part of the deliverables
7. The Supplier will also provide training material for an on-line training course which can be undertaken by employees as an e-learning program.

23. SUB CONTRACTING

The supplier will not subcontract or delegate or permit anyone other than the suppliers' personnel to perform any of the work, service or other performance required of the supplier under this agreement without the prior written consent of the Bank.

24. SERVICE LEVEL AGREEMENT (SLA)

The supplier shall be required to sign Service Level Agreement (SLA) covering all terms and conditions of this tender and Purchase Order within 30 days from the date of issuing the purchase order.

25. EXIT REQUIREMENTS

In the event of Agreement comes to end on account of termination or by the expiry of the term / renewed term of the Agreement or otherwise, the Successful bidder shall render all reasonable assistance and help to the Bank and to any new vendor engaged by the Bank, for the smooth switch over and continuity of the Services.

26. INDEMNITY

The successful bidder will indemnify the Bank against all actions, proceedings, claims, suits, damages and any other expenses for causes attributable to the successful bidder. The successful bidder shall also indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof without any limitation.

27. LIMITATION OF LIABILITY

Vendor's aggregate liability under the contract shall be limited to a maximum of the contract value. This limit shall not apply to third party claims for

a) IP Infringement indemnity
b) Bodily injury (including Death) and damage to real property and tangible property caused by vendor's gross negligence. For the purpose for the section, contract value at any given

point of time, means the aggregate value of the purchase order placed by bank on the vendor that gave rise to claim, under this tender.

28. INTEGRITY PACT

Bidders should submit Integrity Pact (IP) along with the bid. Integrity Pact is an agreement between the prospective bidders and the buyer committing the persons/officials of both the parties not to exercise any corrupt influence on any aspect of the contract. IP should cover all phases of the contract.

29. DEEMED ACCEPTANCE

All products will be accepted on delivery.

The successful bidder will provide notice to Bank when the Deliverables are ready for acceptance. Acceptance of Deliverables will occur upon the date successful bidder demonstrates to Bank, by the successful completion of acceptance tests that the Deliverables substantially conform to the acceptance criteria as agreed between Bank and successful bidder and mentioned in the SOWs attached. Acceptance will not be delayed for any reason (s) other than non-conformance with the requirements specified in the terms of Contract and SOW. The acceptance test results will be declared by Bank within a maximum of 15 (fifteen) days from the completion of acceptance tests. In case the 15 (fifteen) days period after completion of acceptance tests has elapsed without the acceptance test results being declared, then the system or the portion thereof, subject to acceptance testing would be deemed accepted. If Bank fails to give successful bidder written notice of non-conformance within the 15 (fifteen) day period or, prior to expiry of the 15 (fifteen) day period, uses the system or any part thereof supplied by successful bidder for productive use (other than testing purposes), it will be deemed accepted. In the event that any Deliverable fails to confirm to the agreed acceptance criteria, successful bidder will have a reasonable time to remedy such non-conformance by either repair or replacement of the Deliverable, following successful bidder's receipt of written notice from Bank specifying in reasonable detail the nature of such non-conformance.

30. TRANSFER OF OWNERSHIP/TITLE

The successful bidder shall pass the title of ownership of the licenses supplied under this Contract to Indian Bank on delivery of the material at the location(s) specified by bank.

31. TECHNICAL DOCUMENTATION

The Technical Documentation involving detailed instruction for operation and maintenance is to be delivered with the software supplied. The Bidder, at the time of installation shall deliver to the Bank required copies of the object code version of the Software and the associated Program Documentation including operation manual, job cards and training material. The Bidder, after customization shall deliver to the Bank required copies of the object code version of the customized Software and the associated Program Documentation including operation manual, job cards and training material. The Bidder, after modifications, updates or new versions shall deliver to the Bank required copies of the revised object code version of the latest Software and the revised associated Program Documentation including operation manual, job cards and training material. The Program Documentation shall consist of required number of User Manuals per user group, Data Centre and Disaster Recovery Centre. The program documentation shall be supplied by the Bidder to the Bank both in hard copy except where hard copies are not available and soft copy. The operational manual shall be provided by the Bidder under help menu in the software as dynamic online documentation / help files, wherever applicable. The object code version of the Software, executables and required run-time files shall be on Compact Disc or on any such media as desired by the Bank as may be applicable.
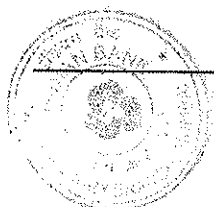
Should the software provided by the Bidder be infringing, it would have a serious business impact on the business of the Bank. Therefore, the Bidder should take responsibility of its actions. Even if Bank (Secured / Unsecured) would have used the deliverables before the infringement was noticed, legally each such use constituted infringement and therefore the Bidder is in breach of the Bidder's warranty and obligation. The language of the documentation should be English.

SECTION IV – SCOPE OF THE PROJECT

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SECTION – IV

SCOPE OF THE PROJECT

1. BRIEF DESCRIPTION

Indian Bank Intends to implement a standard ITMS solution with proven credentials by way of implementation in Indian and International Treasury operations. The solution proposed by the bidder must have compatibility with Core Banking Solution and other applications/services/channels/transaction systems Implemented in the Bank and the scope would include Supply, Installation, Development/Configuration, Customization, Implementation, Management and Maintenance of all necessary Software. The scope of the work is as follows:-

- Preparation of SRS document for migration from the current solution to the proposed solution.
- Supply, Installation, Development/Configuration, Customization, Implementation, Management and Maintenance of all necessary Software to provide a standard features as mentioned under Annexure-II in Section II.
- Training to 70 officers from Treasury Branch batches not exceeding 35 officers per batch.
- Provide Onsite support services for a period of six months from date of Go live of the proposed solution for supporting day to day technical and functional operations.

2. SCHEDULE OF REQUIREMENTS / DELIVERABLES:

The ITMS implementation shall include (but is not limited to) the following key deliverables:

2.1 Software : Supply, Installation, Development/Configuration, Customization, Implementation, Management and Maintenance of all necessary Software.

2.2 Customized Application : Customization should be done as per the Banks' requirements and these should be documented properly. These customizations are required to be kept under ESCROW every quarter. ITMS solution provided by the OEM along with the customizations kept as ESCROW would form the complete ITMS software as per the requirements defined by the Bank.

2.3 Implementation Services : The SI must develop a comprehensive and detailed approach and strategy for the implementation of the proposed ITMS solution. The plan should be scalable, flexible as per the following strategy, but not limited to the following (SI may propose others, based on their strategy / methodology):
   - Requirement Gathering and documentation (SRS)
   - Overall integration plan and work plan (in phases)
   - Architecture plan and diagrams
   - Installation plan
   - Migration plan
   - Training plan
   - Testing plan
   - Cut-over and decommissioning plan
   - BCP for unplanned and planned drills

2.4 Testing Services : Conduct testing for the system, application and any customised components. Testing shall include, but is not limited to the following (SI may propose others, based on their strategy / methodology):
   - System Integration Testing (SIT)

- User Acceptance Testing (UAT) Facilitation

2.5 **Documentation :** Provide all necessary documentation relating to the implementation including, but not limited to the following (SI may propose others, based on solution offerings) :-
- Project charter
- Solution architecture and design
- Architecture / technical diagrams
- User manuals
- System flow documentation
- Technical manuals
- Training manuals
- UAT test scripts
- Standard Operational Procedures

2.6 **Training :** The successful bidder has to provide training as per the clause no. 22 of Section III.

2.7 **Warranty/Post-Warranty Services :** The SI must support the solution implemented (including ITMS and supporting software) under the contract for the ITMS Solution under the warranty support for a period of one year post the go-live of solution and AMC/ATS for four years post warranty .

The SI must submit a detailed plan including the manpower to be deployed during the post-implementation support of the solution. Manpower can be changed only with an advance approval from the Bank.

3. PROJECT IMPLEMENTATION TIME AND SCHEDULE OF DELIVERY

The schedule of delivery and activities towards implementation of the project is given below:

Milestones	Period	Period from Issue of Purchase Order
Delivery of UAT (Non- Production) licenses at Primary Site and submission of SRS document	1 month	1 month
UAT	2 month	3 months
Delivery of Production Licenses at Primary and DR site	1 month	4 months
Installation of ITMS solution	1 month	5 months
Customization and Migration from the existing application solution	2 months	7 months
Go-Live	1 month	8 months
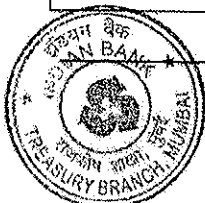
2 DR Drills	One in each half year after go-live.	20 months

The Deliverables of the phases are subject to change on mutual agreement between purchaser and supplier.

4. ESCROW

The Bank and the successful bidder shall agree to appoint an escrow agent to provide escrow mechanism for the deposit of the source code for the ITMS software supplied by the successful bidder to the Bank in order to protect its interests in an eventual situation. The Bank and the successful bidder shall enter into a tripartite escrow agreement with the designated escrow agent, which will set out, interalia, the events of the release of the source code and the obligations of the escrow agent. Costs for the Escrow will be borne by the successful bidder. As a part of the escrow arrangement, the successful bidder is expected to provide a detailed code documentation of the ITMS software. The Escrow arrangement suggested by the successful bidder shall not be binding on the Bank. The Bank reserves the right to explore alternate escrow mechanisms based on the Bank's existing practices. The Bank and the successful bidder may enter into such escrow arrangement that is mutually agreed upon by the two parties. The source code of customizations done by the successful bidder on the latest version of the application software under the proposed solution running in the bank is to be kept in escrow once in a quarter.

The escrow will be released to and become the property of the Bank in the event that the agreement is terminated for either default or insolvency or should the bidder cease, or give notice of intention to cease to provide maintenance or technical support service for the software as required by the agreement. All payment and costs with respect to lodging of software with escrow services in India would be borne by the successful bidder.

5. MONITORING & AUDIT

Compliance with security best practices may be monitored by periodic computer security audits/Information Security Audits performed by or on behalf of the Bank. 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. The successful bidder must provide the Bank access to various monitoring and performance measurement systems. The successful bidder must provide the Bank access to the auditing menu through the application itself and facilitate the audits. The successful bidder has to remedy all discrepancies observed by the auditors at no additional cost to the bank.

For service level measurement, as defined in SLA, data recording is to be captured by the industry standard tools implemented by the successful Bidder. These tools should be a part of the proposed solution.

6. USER ACCEPTANCE TEST OF SOFTWARE

The Bank shall conduct User Acceptance Test (UAT) for the ITMS solution to ensure that all the functional requirements are available & functioning as per RFP. It will be the bidder's responsibility to create the testing environment, test plan and share possible test cases for the Bank's users for testing the product features and the bidder will be required to assist the Bank in the entire testing phase. The BANK will accept the developed/ customized software only after implementation of the software with successful conduct of acceptance testing by its users, including load and performance test. Software will be considered to be accepted only after the BANK issues an acceptance letter to the successful bidder. New Software may be audited for risk

analysis and security features by Bank's IS Audit team or a third party bidder appointed by the BANK, if so desired by the BANK. Support is to be provided for fixing such findings.

7. CUSTOMIZATION OF THE SOFTWARE

On awarding the contract, the successful bidder should discuss with core users of the Bank for understanding the functioning of the existing system and gap analysis. The successful bidder shall prepare a customization document based on the gap analysis and other requirements of the RFP. The successful bidder shall undertake to obtain Bank's approval of the customization documentation and associated project plans before software customization work commences. The customization document should provide the plan in detail based on the criticality of the requirements.

8. LICENSES

The successful bidder has to provide necessary concurrent perpetual enterprise licenses for ITMS solution for the different type of users mentioned below which will be used for both Primary Site & DR Site. Accordingly all necessary perpetual licenses for the ITMS solution have to be provided by the bidder for both PR & DR. The successful bidder has to quote for all software license requirements for Primary and DR implementation in their commercial Bid. Specification for ITMS solution has also to be mentioned in the technical bid. The Bidder shall furnish all the software licenses in the light of Bank's requirement for unlimited period and unlimited usages for implementation of the solution. The licensing policy of the solution supplied must be provided to support the licensing model & actual licenses supplied to the Bank.

The following are the details of the number of users for various modules/functionality :-

S No.	Particulars	No. Of Users
1.	Domestic - G Sec & CSGL Front Office	6
2.	Domestic Back Office	6
3.	Money Market, Equity & NSLR	4
4.	Inter Bank FX Dealer	6
5.	Inter Bank Back Office	6
6.	FX Merchant	6
7.	Derivatives Front Office	6
8.	Analytics	4
9.	Inward Remittance, FCNR etc	5
10.	Reconciliation	5
11.	Forex Cell	4
12.	Mid Office	6
13.	Others	9
	Total	**73**

9. DISASTER RECOVERY SITE

The successful bidder is required to establish the Disaster Recovery (DR) setup for the proposed solution at Chennai. DR setup will be mirror image of the Primary setup.

Recovery Point Objective (RPO) for DR	10 min
Recovery Time Objective (RTO) for DR	20 min
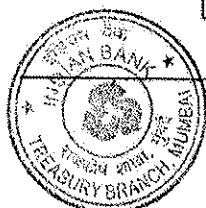
Bank will arrange for the network/WAN link between DC and DR Sites. Bandwidth requirement has to be specified clearly to meet the specified RPO and RTO as above. For a DR Drill, Bank may plan to shift functioning of all the systems from PR to DR which would include the ITMS solution also. Modalities for such Switchover/switchback needs to be finalized. The maximum number of DR drills is presently two (one per half year). This will be subject to requirement from time to time.

The solution architecture should support 3-way DR setup, if the Bank decides to go for Near DR in future.

10. ON-SITE SUPPORT

The successful bidder shall provide 8:00 AM to 8:00 PM onsite support for the solution from the date of Go Live of the phase 3 for a period of 12 months and can be extended for further period at mutually agreed terms. The successful bidder needs to provide the price breakup of the resources allocated during the 12 months support period. On banks' request, the successful bidder is bound to increase the onsite support resource at the cost specified in the price breakup.

The scope for the on-site engineer will include configuration changes, version upgradations, performance monitoring, trouble shooting, patch installation, support for day to day Treasury branch functional and technical operations. The Service Response and Resolution time for the onsite support services are as per clause 13 of section III.

11. DOCUMENTATION

The following minimum documentation (hard copy and soft copy) on any proposed software components must be made available in English:

1. General functional description
2. Set up and installation guide
3. User guide including:-
   a. Screen layouts
   b. Report layouts
   c. Transaction processing rules
   d. Operation authorization descriptions
   e. Error correction procedure descriptions
4. Error tracking and defect resolution documentation process
5. System administrator guide including :-
   a. Data base administration guide
   b. Data backup guide
   c. System security and access guide
   d. System audit trail guide
   e. Glossary of terms
   f. Necessary training for version upgrades / system maintenance
   g. Changes in usage of the system in case of major upgrades
   h. Detailed SRS (System Requirement Specifications) Document
6. High Level Architecture Document.
7. Techno – Functional Risks and Mitigation Document
8. Functionality Traceability matrix
9. High Level Design Document
10. Proof of Concept for the solution
11. Low Level Design Document
12. Test Plans
13. Comprehensive Test Cases Document (Unit, Integration and UAT Test Cases tested)
14. Deployment Plan Document
15. Content Management Guide
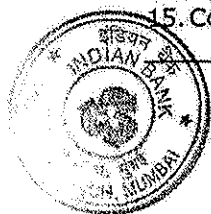
16. Change Management Methodology Document
17. Security Guide
18. User Management Guide
19. Release Notes
20. BCP Guide

12. INSTALLATION, MAINTENANCE AND SUPPORT:

1. Supply, Install, Configure, Test, Migrate, Integrate & Commission all the necessary software modules with necessary and adequate customization, modification, patches, upgrades, utilities, tools etc to achieve full functionality with features required in the ITMS solution as specified in the functional requirements.

2. Seamless integration of supplied, customized, developed ITMS software for Indian Bank to meet the Bank's Functional, Operational, Risk Management, **Regulatory** and MIS requirements of Treasury with all required interfaces. Integrate the proposed solution with Bank's Core Banking Solution B@NCS24 with necessary interface **on real time basis.**

3. Proposed Solution should also provide interface with Integrated Risk Management System, MFTP, MIS, Oracle GL, SWIFT etc.

4. On-Site maintenance of ITMS solution and related products with customization, change management, addition of new reports as required and desired by the Bank. Performance tuning of application, necessary and adequate patches, upgrades, utilities, tools etc. after successful GO-LIVE of the ITMS solution at the Bank, inclusive of providing support for day to day functional and technical support to the Treasury branch team at Treasury Branch, Mumbai.

5. The following test activities should be carried out:
   - Submit all the test reports to the Bank authorities for vetting and approval.
   - Vulnerability assessment & Penetration Testing (minimum two times a year)

6. To provide complete training on the entire solution with all its components as enumerated in clause no. 22 of section no. III of this RFP.

7. Daily accretion of discount on discounted instruments

8. Transaction wise data flow from CBS to Treasury for positions, PCFC, EBRs, FCNR, EEFC, RFC.

9. Data from CBS branches to treasury module for computation of NDTL, DTL for CRR & SLR.

10. Integration & data flow from treasury to D2k System for investments and NPI.

11. All Risk based supervision (RBS-RBI) reports, and data points.

12. The proposed solution should cater to the needs of our Global Treasury requirements and other Statutory, and Regulatory requirements of present and immediate future of the Bank.

13. Maintaining history of all additions, modifications, deletions and parameter changes etc. as Audit Trails.
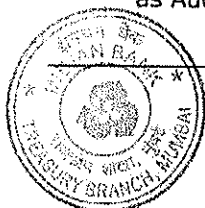
14. Ability to rapidly generate ad-hoc reports with an easy to use report writing Tool / Wizard.

15. The proposed solution should provide for Maker and Checker concept for transaction processing and authorization. Solution should also provide for a workflow to facilitate various levels of authorization.

16. Providing application maintenance for error fix, patch management, upgradation, additions / modifications in the application to cater changes to data sources and /or new reporting requirements during warranty period of one year as well as during the post warranty period.

17. The bidder should study the requirements of the bank including customization and provide a Systems Requirement Study (SRS) report to the bank.

18. The bidder will be required to implement all three environments for the solution i.e. Production, DR, Development/ Test.

19. Solution should support all industry specific standard format i.e. ISO 20022, ISO 8583, SWIFT messaging formats.

20. System should support RBI's directives and guidelines pertaining to Treasury & Risk Management issued from time to time.

21. The proposed solution should provide audit reports and Tools for the Bank's internal/concurrent/statutory /SEBI/CCIL/IDRBT/RBI audit/inspections /RBS RBI.

22. The vendor has to migrate complete data from existing Credence solution to the proposed solution.

23. All data files transmitting through various interfaces should be in encrypted form.

24. Interface with the service providers for Market data like various bench marks and rating migrations etc.

25. Interface between proposed software and SWIFT for auto generation of authenticated messages and then transmission of the messages on real time basis

26. Any new regulatory requirement during/after implementation must be covered.

27. The hardware recommended should be scalable to support additional users and modules.

28. The bidder will be required to implement all three environments for the solution i.e. Production, DR, Development/ Test.

29. Necessary support should be provided to the IS auditor appointed by the bank for conducting Vulnerability Assessment & Penetration Testing on the solution supplied.

30. Closure of all VAPT/ EAPT / IS AUDIT observations pertaining to the proposed solution within time frame stipulated by Bank without any additional cost to the Bank. The observations may be made at any frequency by the bank or bank appointed external system audit team.

31. Bidder will be required to provide root cause analysis for all performance and availability problems that occur. Formal root cause analysis will be delivered within 5 days of problem occurrence, including-
    a. Explanation of the root cause
    b. Actions taken to resolve the problem
    c. Action plan to prevent recurrence, with project plan/tasks required and timing for each major milestone of the correction effort, and identification of Bank's responsibilities in the correction process.

32. The implementation of ITMS solution should be in line with ISO 27001:2013 standards

33. Undertake and assist the bank officials for the following Access Control activities (indicative):
    a. User account Creation/deletion as per access policy of the organization
    b. Creating/modifying/deleting groups
    c. Administering user rights, roles and passwords of all the relevant subsystems.
    d. Maintaining data access security etc.
    e. Regular submission of various reports for all activities undertaken at periodicities, formats and activities etc. as decided by and at the discretion of Bank

34. Undertake and assist the bank officials for the following Performance Tuning activities (indicative):
    a. Methodically carry from diagnosis to solutions.
    b. Assist in device safe and secure procedures for enhancing performance of critical production systems/databases in a competitive, policy based environment in co-ordination with application vendor.
    c. Identify, correlate and isolate the performance bottlenecks in components of software solution.
    d. Carry out performance tuning of solution application and databases on regular basis.
    e. Regular submission of various reports for all activities undertaken at periodicities, formats and activities etc. as decided by and at the discretion of Bank.

35. Coordinate with and assist the following bank official the following server administrator activities (indicative):
    a. Solution software Re-installation in the event of system crash/failures
    b. Configuring file systems, volumes and apportioning disk space.
    c. Ensure proper configuration of server parameters.
    d. Periodic system performance tuning.
    e. Addition, deletion, re-configuration of devices, additional users etc.
    f. Implementing security patches on servers at all levels.
    g. Security management - Configuring account policy, access rights, password control as per Bank's security policy.
    h. Ensure all critical services are running properly on the servers. Schedule and optimize these services.
    i. Maintain lists of all system files, root directories and volumes.
    j. Performance tuning of servers and other equipments
    k. Monitoring access logs and application logs
    l. Purging of temporary Files, logs in accordance with Bank's policies
    m. Firewall/IPS/IDS Policy formulation and implementation in the system supplied.
    n. Data backup and restoration planning and implementation
    o. Regular and proper backups of all Servers & Storage to protect against data losses
    p. Regular analysis of events and logs generated in the entire sub systems including but not limited to servers, operating systems, databases, applications, etc. Applying service packs, hot fixes and security rollouts.
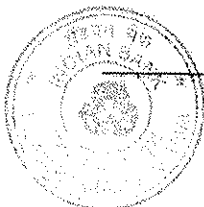
q. Customizing login scripts
r. Troubleshooting Problems etc.
s. Regular submission of various reports for all activities undertaken at periodicities, formats and activities etc. as decided by and at the discretion of Bank

36. Integration with DAM, PIM, SIEM and VAS installed at Bank.

37. Coordinate with and assist the following bank official the following server administrator activities (indicative):
   a. Installation, configuration and commissioning of Backup plan/ policy
   b. Configure Backup for automatic backup of Application and Data.
   c. Media Logs/Replacement
   d. Recovery of Data in case of necessity etc.
   e. Regular submission of various reports for all activities undertaken at periodicities, formats and activities etc. as decided by and at the discretion of Bank

38. Monitoring and confirming the DR replication and performing DR:
   a. Ensuring that the application maintains the RPO and RTO as per RFP terms.
   b. Performing switchover and switchback operations for DR drills as per the RFP terms.
   c. Documentation of the detailed procedure for switchover/failover and switchback/fallback operations to be performed during DR drill/Disaster.
   d. Data protection, complete data backup and other data safeguards including disaster recovery in respect of the project.
   e. Coordinating with bank for creating infrastructure for Disaster Recovery and Business Continuity Management as per Bank policies.

39. The bidder should provide Solution Administration manual(s), User / operational manual(s), regular training manuals and all related manual(s), service guides and handbooks, which shall be used by the Bank to run the ideal production environment. This should include how the various parameters should be monitored and tuned in the live system. Manuals should be provided in printed duly hard bounded form and 2 sets in soft copy duly labeled and indexed working CD/DVD.

40. All installation and configuration reports, documents, diagrams etc are to be supplied before commissioning.

41. Compliance to Indian Bank's policies like IT policy, Security policy, etc.

42. All professional services of the vendor required for complete installation, commissioning and maintenance shall be included in the scope of work.

43. The major responsibilities as specified above are indicative only and are not exhaustive in any manner.

44. The successful bidder should provide consultancy and assistance to bank for making the Solution comply with industry best practices for high availability within and across the site at every component level.

45. Solution must integrate with the Bank's existing network and security solutions.

46. Undertake immediate bug fix actions in the event of software failure causing an interruption of Treasury branch operation as per the response / resolution times defined in Clause No. 13 of Section III. The bidder should assist bank in making the solution fault resistant i.e. during the event of any failure (software /hardware /network /etc.), the solution should continue to function seamlessly and no transactions should be lost.
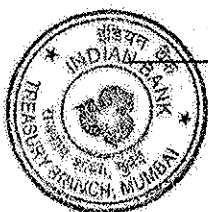
47. Notify about all the detected software errors and correct them in the shortest possible time.

48. The SI will be responsible for notification of new versions / releases of the ITMS software and supervise their implementation in mutually agreed deadlines.

49. Enter into the obligation that in the event OEM releases a new version of software, and bank is using one of the previous versions, OEM would provide the full scope of services to the version used by bank for the period of at least 5 years from the date of go live.

50. The ITMS software service must be conducted in a manner not compromising the security and integrity of Bank's data and not compromising the quality of operation of Treasury branch, particularly the services rendered to customers.

51. Conduct 2 DR drills after Go live of the solution in conjunction with the Bank or as required by the Bank in the period of 1 year from the date of Go Live.

52. Requirement gathering for customization of the proposed solution, migration from the current solution to the proposed solution and preparation of Software Requirement Specification document.

53. The scope for the on-site engineer will include configuration changes, version upgradations (ITMS solution), performance monitoring, trouble shooting, patch installation, database tuning for improving performance of ITMS application, and liaison with OEM for various support issues, etc.

54. Alerting bank in case of any performance issues or hardware upgradation requirements.

55. Resolution of the issues as per the Service Response and Resolution time for the onsite support services mentioned in clause no. 13 of Section III.

56. Provide Enterprise wide dashboards and ability to create customized dashboards as required.

57. Coordinating with the bank team and the vendor assigned by bank for exposing services and integration with the Enterprise Service Bus (whenever implemented), performing customization in application for the same (if required any) at no additional cost.

13. HARDWARE SIZING:

SI is required to provide for the detailed configuration of the recommended Development, Test, Disaster Recovery and Production server environments as per the requirements mentioned.

Hardware intended to be sized and recommended by the bidder for the ITMS Solution should be able to process the peak level transactions projected at the end of contract period, at any point of time seamlessly and adhere to the hardware utilization parameters mentioned in this document.

Performance Parameters:

The recommendations for the hardware should consider the following:

a. The recommended hardware should be industry standard and have high reliability, fault tolerance, redundancy and high availability.

b. The recommended hardware for the solution should not exceed 70% of CPU(s), Memory(s),storage space and storage performance utilization levels at any given point in time during the contract period.
c. Clustering of the application and database servers where required
d. The recommended hardware and software should support the ITMS solution requirements for a period of 5 years post the acceptance of the solution.

Base Data Volumes

Following is the peak daily transaction volume expected:

S No.	Desk	No.of Deals /Day
1	Domestic G-Sec - Proprietary	500
2	Domestic G-Sec - CSGL	500
3	Money Market	200
4	Equity & NSLR	300
5	Forex - Interbank	1000
6	Forex Merchant	1500
7	Derivatives	1500

The annual increment on number of deals shall be 20%.

Network Requirements

Please provide the details of the network requirements for the proposed solution.

Disaster Recovery

The solution provided by SI must support Disaster Recovery plans as follows:
1. Allow fail over to a DR Site
2. Provide architecture and design for Disaster Recovery.
3. Disaster Recovery design to support that "No transactions are lost".
4. SI must detail out any licensing information related to Disaster Recovery design.

Peak: The peak utilization of the components mentioned above should not cross 70% of its installed / activated performance parameters even at peak load for the entire contract period.

SECTION V

QUALIFICATION CRITERIA

(Bidders should furnish a statement furnishing the compliance details. If a separate sheet is enclosed for details, relevant page number should be mentioned against that item)

The Bid will be rejected and will not be processed further, if the following documents are not provided along with the Technical Bid.

The bidder must satisfy the following eligibility criteria and should submit the required proof.

a. The Bidder should be a limited company and should be in existence in India for the last 5 years as on 30.09.2016. (Copy of Certificate of Incorporation)

b. The bidder should be OEM / authorized reseller for the items quoted for (Proof to be submitted). Either OEM or authorized resellers (SI) on behalf of OEM can bid in a tender but not both.

c. The Bidder should be having Positive Net profit in the following three financial years of the bidder 2013-14, 2014-15, 2015-16 (Copy of audited Balance Sheet for the respective financial years).

d. The annual turnover should be Rs 50.00 crores or above in each of the following three financial years of the bidder 2013-14, 2014-15, 2015-16 (Copy of audited Balance Sheet for the respective financial years).

e. The bidder should have satisfactorily implemented proposed ITMS solution and its support services in at least one scheduled commercial bank in India and one commercial bank in any of the other country. Copy of Purchase orders issued by Commercial Scheduled Bank in India and a commercial bank abroad should be submitted along with Technical Bid.

f. OEM(s) should provide a letter, on Solution support during the contract period.

g. OEM(s) should also provide certificate that the solution offered will not go 'End of Sale' in the next one year and 'End of support' for a minimum of 6 years.

h. The Bidder should not have been blacklisted by any Government Dept/PSU/Banks currently.

i. The Bidder/OEM should have support centers in Chennai and Mumbai.

j. Bidder should produce letter from OEM confirming back to back support and availability

Photocopies of relevant documents / certificates, duly stamped and signed must be submitted as proof in support of the claims made. The Bank reserves the right to verify /evaluate the claims made by the Bidder independently. The decision of the Bank in this regard shall be final, conclusive and binding upon the Bidder. The bidder should submit a copy of the RFP duly signed by the authorized person with seal for having accepted the terms and conditions without any deviations.

SECTION VI

BID FORM AND OTHER FORMATS

SECTION – VI

1. BID FORM

FORM OF BID

(Bidders are required to furnish the Form of Bid)

Date: _____

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Sub: Supply, installation, migration and maintenance of Integrated Treasury Management Software

Ref: Bid Document No. CO:TSY:001:2016-17 dated 21.12.2016.

Having examined the Bidding Documents including Agenda Nos.............. (Insert numbers), the receipt of which is hereby duly acknowledged, we, the undersigned, offer to Supply, Installation, Development/Configuration, Customization, Implementation, Management and Maintenance.................................. .... (Description of Goods and Services), in conformity with the said Bidding Documents.

We undertake, if our bid is accepted, to deliver the goods in accordance with the Project Timeline and Schedule of delivery specified in the Scope of the Project.

If our bid is accepted, we will obtain the Guarantee of a Bank in a sum equivalent to 10% percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Bank.

We agree to abide by this for the bid validity period specified and it shall remain binding upon us and may be accepted at any time before the expiration of that period. We agree to extend the Bid Validity Period, Bank Guarantee towards Earnest Money Deposit, if required.

Until a formal contract is prepared and executed, this bid, together with your notification of award, shall constitute a binding Contract between us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India.

We understand that you are not bound to accept the lowest or any bid you may receive.

We undertake to supply, install, migrate and maintain Integrated Treasury Management Software (ITMS) for the Bank.

We confirm that we comply with the qualification criteria of the bidding documents and are submitting proof of the same along with bid.

Dated this ....day of .... 201.....................

....   Signature

....
(In the Capacity of)

Duly authorised to sign bid for and on behalf of

(Name & Address of Bidder) ....
..

Mobile:

Email

2.BIDDER'S PROFILE

S.No.	Particulars	To be furnished by the Bidder
1	Name and address of the Bidder	
2	Year of establishment	
3	Constitution of the bidder	
4	Telephone Number	
5	Fax Number	
6	E-mail ID	
7	Name and designation of the personnel **authorized to submit bids** on behalf of the Bidder and can make commitments to the Bank (Copy of Power of Attorney / resolution authorizing the official for signing the Bid to be submitted)	
8	His/Her telephone number Mobile number e-mail address	
9	Name and designation of the personnel **authorized to take decisions** on behalf of the Bidder and can make commitments to the Bank	
10	Telephone number Mobile number e-mail address	
11	Name and designation of the personnel **authorized to enter into contract** on behalf of the Bidder and can make commitments to the Bank (Copy of Power of Attorney / resolution authorizing the official for signing the contract to be submitted)	
12	His/Her telephone number Mobile number e-mail address	
13	Profile of key personnel involved in the Project (domain specific and others) with their CVs	
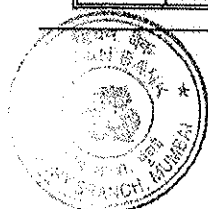
76

	(Information in respect of skill and expertise specifying technical and banking knowledge/solutions should be mentioned) Service/support for similar project assignment by the personnel Track record	
14	Details of ITMS solution implemented in Government dept. /scheduled commercial bank/ insurance company certified by IRDAI/ Non – Banking Financial Company by OEM:	
	Name of the Bank/Institution	
	Location of Head Office	
	No. of branches/sites under coverage	
	Specific area of involvement	
	Functionalities implemented	
	Start Date of the Project	
	Date of go live	
	Present Status of the Project	
15	Details of ITMS solution implemented in Government dept. /scheduled commercial bank/ insurance company certified by IRDAI/Non – Banking Financial Company by the bidder:	
	Name of the Bank/Institution	
	Location of Head Office	
	No. of branches/sites under coverage	
	Specific area of involvement	
	Functionalities implemented	
	Start Date of the Project	
	Date of go live	
	Present Status of the Project	
16	Present **ITMS** projects on hand:	

	Name of the Bank/Institution	
	Location of Head Office	
	No. of branches/sites under coverage	
	Specific area of involvement	
	Functionalities implemented	
	Start Date of the Project	
	Present Status of the Project	
17	Details of the Team proposed (along with their previous experience in ITMS solution implementation/operations) for proposed Solution implementation in Indian Bank	
18	Details of Tender Fee submitted	
19	Details of EMD submitted	
20	Turnover for the year 2013-14 (Rs Crores)	
21	Turnover for the year 2014-15 (Rs Crores)	
22	Turnover for the year 2015-16 (Rs Crores)	

(in case of any proof which is not identifiable, the decision of the Bank would be considered final and binding upon the bidders)

3. SELF DECLARATION – BLACKLISTING

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Dear Sir,

Sub: Supply, installation, migration and maintenance of Integrated Treasury Management Software

Ref: Bid Document No. CO:TSY:001:2016-17 dated 21.12.2016.

We hereby certify that, we have not been blacklisted by any Government Dept. / PSU / Banks currently.

Signature of Authorized Official

Name and Designation with Office Seal

Place:

Date:

4.   BID SECURITY FORM

Whereas........................ (Hereinafter called "the Bidder") who intends to submit bid for the supply of .... (name and/or description of the goods) (Hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that We.................... (Name of Bank) of .... (Name of Country), having our registered office at .... (address of Bank) (hereinafter called "the Bank"), are bound unto Indian Bank in the sum of _____for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this _____ day of _____ 201 _____.

THE CONDITIONS of this obligation are:

1. If the Bidder

(a)   withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or

(b)   does not accept the correction of errors in accordance with the Instructions to Bidders; or

2.   If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:

(a) fails or refuses to execute the Contract Form if required; or

(b) fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including forty five (45) days after the period of the bid validity and any demand in respect thereof should reach the Bank not later than _____.

(Signature of the Authorised Official of Bank)

NOTE: 1. The bidder should ensure that the seal and Code No. of the signatory is put by the banker, before   submission of the Bank Guarantee.
2.   Bank Guarantee issued by Banks located in India and shall be on a Non-Judicial Stamp Paper of requisite value.
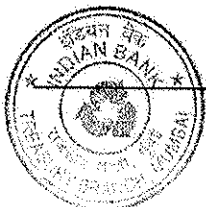
5.   **COVERING LETTER**

Ref. No:

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Dear Sir/Madam,

Ref: Indian Bank Tender No CO:TSY:001:2016-17 dated 21.12.2017 (Supply, installation, migration and maintenance of Integrated Treasury Management Software)

Having examined the RFP including all Annexures, the receipt of which is hereby duly acknowledged, we the undersigned, offer to supply and deliver the equipments and services including installations and commissioning in conformity with the said RFP.

We undertake, if our bid is accepted, to deliver the goods and services in accordance with the delivery schedule specified in schedule of requirement.

We confirm and acknowledge having received the following amendments/clarifications to the bid document:

Amendments/Clarifications No.	Dated

We agree to abide by this bid for the period of 180 days from the date of   technical bid submission.
We understand that Indian Bank is not bound to accept the offer and that Indian Bank has the right to reject the offer without assigning any reasons whatsoever.

Until the successful bidder is identified, this bid shall remain binding upon us.

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

Dated this _____ day of _____ 2016.

(Signature) (In the Capacity of)
Duly authorized to sign bid for and on behalf of
(Name & Address of Bidder) _____

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## 6. ACCEPTANCE LETTER TO BE GIVEN BY BIDDER

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Dear Sir/Madam,

Sub: Acceptance of the Terms and Conditions and Confirmation of the Offer.

Ref: Indian Bank Tender No. CO:TSY:001:2016-17 dated 21.12.2016. (Supply, installation, migration and maintenance of Integrated Treasury Management Software)

The details submitted in the format above are true and correct to the best of our knowledge and if it is proved otherwise at any stage of execution of the contract, Indian Bank has the right to summarily reject the proposal and disqualify us from the process.

We hereby acknowledge and confirm having accepted; bank can at its absolute discretion apply whatever criteria it deems appropriate, not just limiting to those criteria set out in the RFP and related documents, in short listing of bidders for providing ITMS solution.

We also confirm that we have noted the contents of the RFP including various documents forming part of it and have ensured that there is no deviation in submitting our offer in response to the tender. The Bank will have the option to disqualify us in case of any such deviations.

We also confirm that we will abide by the Terms & Conditions mentioned in the Tender Document in full and without any deviation.

Place:

Date:                                                    Seal & Signature of the Bidder

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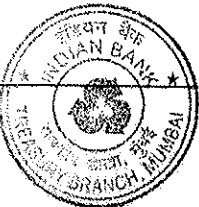`````````````````````````````````````````````````````````````
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**7. FORMAT FOR LETTER FROM INSTITUTION WHERE THE ITMS SOLUTION HAS BEEN IMPLEMENTED(As per the clause 5 of Section V)**

**Ref. No:**

To,
Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Dear Sir/Madam,

Sub: Implementation of ITMS solution

Ref:   Indian Bank Tender No. CO:TSY:001:2016-17 dated 21.12.2016. (Supply, installation, migration and maintenance of Integrated Treasury Management Software)

This is to certify that M/s .............................................. has implemented the ITMS Solution with the name ................................. in our Bank satisfactorily and the same is currently in use. The implementation of the solution started on ........................... And completed on ..................................
/ Under process.

(Authorized Signatory)
Name of the official:
Name & Address of Bank: _____

## 8. SELF DECLARATION – SIZING OF HARDWARE

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.


Dear Sir,

**Sub:** Supply, installation, migration and maintenance of Integrated Treasury Management Software

**Ref:** Bid Document No. CO:TSY:001:2016-17 dated 21.12.2016.


We hereby certify that, that the sizing of Hardware has been considered as per the requirements and we stand guarantee for the performance issues if any noticed.
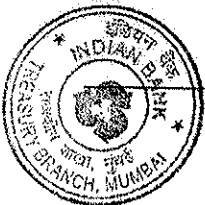

Signature of Authorized Official


Name and Designation with Office Seal


**Place:**

**Date:**

## 9. PERFORMANCE SECURITY FORM

Bank Guarantee No.                                         Date                                    :

To :

INDIAN BANK, CHENNAI, INDIA.

**WHEREAS** ............................................................ (Name of Supplier) hereinafter called "the Supplier") has undertaken, in pursuance of Contract No................ dated,...........to supply and maintain ....................... ............................................(Description of Goods and Services) (hereinafter called "the Contract").

**AND WHEREAS** it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a recognised bank for the sum specified therein as security for compliance with the Supplier's performance obligations in accordance with the Contract including Maintenance and Repairs of the entire system including cost of spares during warranty period.

**AND WHEREAS** we have agreed to give the Supplier a Guarantee:

**THEREFORE WE** hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of ................................... ...................................... (Amount of the Guarantee in Words and Figures) and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of ............................. (Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the .........day of...................201......

Signature of Authorised Official with Seal

...............................................................................

Date..................................................201..

Address:...............................................................
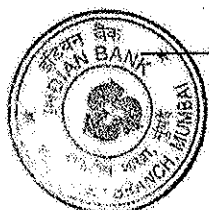...............................................................................

NOTE:

1. Supplier should ensure that seal and code no of the signatory is put by the bankers, before submission of the bank guarantee.

2. Bank Guarantee issued by Banks located in India and shall be on a Non-Judicial Stamp Paper of requisite value.

3.Please note that guarantee to be valid for 71 months and claim period is 1 month as per Clause 4 of Section III(Performance Security) of condition of contract.

**Ref: CO:TSY:001:2016-17**                                    **Date: 21/12/2016**

## 10. MANUFACTURER'S AUTHORIZATION FORM

**Note:** This authorization letter should be printed on the letterhead of all the Original Equipment Manufacturers (OEM) and should be signed by a competent person having the power of attorney to bind the manufacturer.

RFP: Reference No.                                                                        Date:

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Dear Sirs,

Sub: Supply, installation, migration and maintenance of Integrated Treasury Management Software

Ref: RFP No. CO:TSY:001:2016-17 dated 21.12.2016

We are established and reputable manufacturers/producers of_____
having factories/ development facilities at _____
_____(address of factory/
facility) do hereby authorize M/s _____(Name and address
of the bidder) to submit a Bid, and sign the contract with you against the above Bid Invitation.

We hereby extend full warranty for our Solution, Products and services offered by the above firm against this Bid Invitation throughout the contract period. We duly authorize the said firm to act on our behalf in fulfilling all installations, Technical support and maintenance obligations required by the contract.

We further certify that, in case the Authorized Partner is not able to meet its obligations as per contract during contract period, we, as the OEM, shall perform the said obligations with regard to their items through alternate & acceptable service provider. We also undertake to sign the ESCROW agreement alongwith the successful bidder.

Yours faithfully,

(Signature)
Name of Authorized Signatory:
Designation:
Date:
Name and address of the manufacturer:
Company Seal:

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Note: This letter of authority should be on the letterhead of the Manufacturer.

11. CONTRACT FORM

THIS AGREEMENT made the ....day of.................................2016 Between Indian Bank, having its Corporate Office at 254-260, Avvai Shanmugam Salai, Royapettah, Chennai 600 014 (hereinafter "the Purchaser") of the one part and .... (Name of Supplier) having its Registered Office at (City and Country of Supplier) (hereinafter called "the Supplier") of the other part :

WHEREAS the Purchaser invited bids vide RFP No. .... dated .... for certain Goods and ancillary services viz., ... (Brief Description of Goods and Services) and has accepted a bid by the Supplier for the provision of those goods and services in the sum for .... (Contract Price in Words and Figures) (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz.:

    (a)   the Bid Form and the Price Schedule submitted by the Bidder;
    (b)   the Schedule of Requirements;
    (c)   the Technical Specifications;
    (d)   the Conditions of Contract;
    (e)   the Purchaser's Notification of Award.

3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

Brief particulars of the goods and services which shall be supplied / provided by the Supplier are as under:

TOTAL VALUE:

DELIVERY SCHEDULE:

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, Sealed and Delivered by the
said .... (For Indian Bank)
in the presence of:................................

Signed, Sealed and Delivered by the
said .... (For the Supplier)
in the presence of:................................

12. PROFORMA OF INSTALLATION CERTIFICATE FOR ISSUE BY THE BANK AFTER COMPLETION OF IMPLEMENTATION EACH PHASE OF PROJECT

Date:

Sub: Certificate of COMPLETION OF IMPLEMENTATION OF THE ITMS SOLUTION.

Ref: Purchase Order No.

1.   This is to certify that the phase____ as detailed below has/have been implemented successfully covering delivery of all the deliverables for the phase (subject to remarks in Para No. 2). The same has been installed and commissioned.

    (a)   Contract No._____ dated _____
    (b)   Description of the phase _____
    (c)   Deliverables in the phase _____
    (d)   Date of Initiation of Phase_____
    (e)   Date of commissioning and proving test _____

2.   Details of deliverables not yet supplied and recoveries to be made on that account:

    S.No.   Description   Amount to be recovered

3.   The proving test has been done to our entire satisfaction and operators have been trained as per contract terms

4.   The supplier has fulfilled its contractual obligations satisfactorily for phase ____ of the project*

or

    The supplier has failed to fulfil its contractual obligations with regard to the following:
    (a)
    (b)
    Signature   _____

    Name   _____

    Designation with date and stamp _____

*Explanatory notes for filling up the certificates:

(a)   The Supplier has adhered to the time schedule specified for the phase in the contract in despatching the documents pursuant to Technical Specifications.

(b)   The Supplier has supervised the commissioning of the deliverables in time i.e. within the period specified in the contract from the date of initiation of phase in respect of the installation and completion of respective phase.

(c)   In the event of documents having not been supplied or installation and commissioning of the phase have been delayed on account of the supplier, the extent of delay should always be mentioned.

13. NON DISCLOSURE AGREEMENT

This Agreement made at _____, on this _____ day of _____ 2016.
BETWEEN
_____ a company incorporated under the Companies Act, 1956 having its registered office at _____ (hereinafter referred to as "-----" which expression unless repugnant to the context or meaning thereof be deemed to include its successors and assigns) of the **ONE PART**;

AND

INDIAN BANK, a body corporate constituted under the Banking Companies (Acquisition & Transfer of Undertakings) Act, 1970 and having its Corporate Office at 254-260, Avvai Shanmugam Salai, Royapettah, Chennai - 600 014 (hereinafter referred to as **"IB"** which expression unless repugnant to the context or meaning thereof be deemed to include its successors and assigns) of the **OTHER PART**

And are hereinafter individually referred to as party and collectively referred to as "the Parties". Either of the parties which discloses or receives the confidential information is respectively referred to herein as Disclosing Party and Receiving Party.

WHEREAS:

The Parties has established a business relationship and in course of the business relationship, it is anticipated that both the parties may disclose or deliver to either of the Parties certain or some of its trade secrets or confidential or proprietary information, for the purpose of enabling the other party to evaluate the feasibility of such business relationship (hereinafter referred to as **"the Purpose"**).

NOW, THEREFORE, THIS AGREEMENT WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. Confidential Information:
"Confidential Information" means all information disclosed/ furnished by either of the parties to another Party in connection with the business transacted/to be transacted between the Parties and/or in the course of discussions and negotiations between them in connection with the Purpose. Confidential Information shall include customer data, any copy, abstract, extract, sample, note or module thereof.

Either of the Parties may use the Confidential Information solely for and in connection with the Purpose.
Notwithstanding the foregoing, "Confidential Information" shall not include any information which the Receiving Party can show:
    (a) is now or subsequently becomes legally and publicly available without breach of this Agreement by the Receiving Party,
    (b) was rightfully in the possession of the Receiving Party without any obligation of confidentiality prior to receiving it, from the Disclosing Party,
    (c) was rightfully obtained by the Receiving Party from a source other than the Disclosing Party without any obligation of confidentiality, or
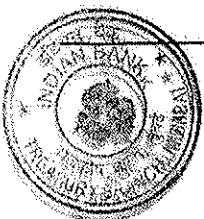
(d) was developed by or for the Receiving Party independently and without reference to any Confidential Information and such independent development can be shown by documentary evidence.

3. Use of Confidential Information.

i. Each party agrees not to use the other's confidential information for any purpose other than for the specific purpose. Any other use of such confidential information by any party shall be made only upon the prior written consent from the authorized representative of the other party or pursuant to subsequent agreement between the Parties hereto.

ii. The --- shall not commercially use or disclose for commercial purpose any confidential information or any materials derived there from, to any other person or entity other than persons in its direct employment who have a need to access and knowledge of the said information, solely for the purpose authorized above. The company shall take appropriate measures by instruction and written agreement prior to disclosure to such employees to assure against unauthorized use or disclosure. The Company agrees to notify the Bank immediately if it learns of any use or disclosure of the Bank's confidential information in violation of the terms of this agreement.

iii. The --- shall not make news release, public announcements, give interviews, issue or publish advertisements or Agreement, the contents/provisions thereof, other information relating to this agreement, the purpose, the Confidential information or other matter of this agreement, without the prior written approval.

4. Non-disclosure:

The Receiving Party shall not commercially use or disclose any Confidential Information or any materials derived there from to any other person or entity other than persons in the direct employment of the Receiving Party who have a need to have access to and knowledge of the Confidential Information solely for the Purpose authorized above. The Receiving Party may disclose Confidential Information to consultants only if the consultant has executed a Non-disclosure Agreement with the Receiving Party that contains terms and conditions that are no less restrictive than these. The Receiving Party shall take appropriate measures by instruction and written agreement prior to disclosure to such employees to assure against unauthorized use or disclosure. The Receiving Party agrees to notify the Disclosing Party immediately if it learns of any use or disclosure of the Disclosing Party's Confidential Information in violation of the terms of this Agreement. Further, any breach of non-disclosure obligations by such employees or consultants shall be deemed to be a breach of this Agreement by the Receiving Party and the Receiving Party shall be accordingly liable therefore.

Provided that the Receiving Party may disclose Confidential Information to a court or governmental agency pursuant to an order of such court or governmental agency as so required by such order, provided that the Receiving Party shall, unless prohibited by law or regulation, promptly notify the Disclosing Party of such order and afford the Disclosing Party the opportunity to seek appropriate protective order relating to such disclosure.

3. Publications:

Neither Party shall make news releases, public announcements, give interviews, issue or publish advertisements or publicize in any other manner whatsoever in connection with this Agreement, the contents / provisions thereof, other information relating to this Agreement, the Purpose, the Confidential Information or other matter of this Agreement, without the prior written approval of the other Party.
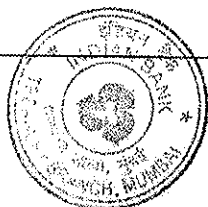
4. Term:

This Agreement shall be effective from the date hereof and shall continue till establishment of business relationship between the Parties and execution of definitive agreements thereafter. Upon expiration or termination as contemplated herein the Receiving Party shall immediately cease any and all disclosures or uses of Confidential Information; and at the request of the Disclosing Party, the Receiving Party shall promptly return or destroy all written, graphic or other tangible forms of the Confidential Information and all copies, abstracts, extracts, samples, notes or modules thereof.

Notwithstanding anything to the contrary contained herein the confidential information shall continue to remain confidential until it reaches the public domain in the normal course.

5. Title and Proprietary Rights:

Notwithstanding the disclosure of any Confidential Information by the Disclosing Party to the Receiving Party, the Disclosing Party shall retain title and all intellectual property and proprietary rights in the Confidential Information. No license under any trademark, patent or copyright, or application for same which are now or thereafter may be obtained by such Party is either granted or implied by the conveying of Confidential Information. The Receiving Party shall not conceal, alter, obliterate, mutilate, deface or otherwise interfere with any trademark, trademark notice, copyright notice, confidentiality notice or any notice of any other proprietary right of the Disclosing Party on any copy of the Confidential Information, and shall reproduce any such mark or notice on all copies of such Confidential Information. Likewise, the Receiving Party shall not add or emboss its own or any other any mark, symbol or logo on such Confidential Information.

6. Return of Confidential Information:

Upon written demand of the Disclosing Party, the Receiving Party shall (i) cease using the Confidential Information, (ii) return the Confidential Information and all copies, abstract, extracts, samples, notes or modules thereof to the Disclosing Party within seven (7) days after receipt of notice, and (iii) upon request of the Disclosing Party, certify in writing that the Receiving Party has complied with the obligations set forth in this paragraph.

7.   Remedies:

The Receiving Party acknowledges that if the Receiving Party fails to comply with any of its obligations hereunder, the Disclosing Party may suffer immediate, irreparable harm for which monetary damages may not be adequate. The Receiving Party agrees that, in addition to all other remedies provided at law or in equity, the Disclosing Party shall be entitled to injunctive relief hereunder.

8.   Entire Agreement, Amendment, Assignment:

This Agreement constitutes the entire agreement between the parties relating to the matters discussed herein and supersedes any and all prior oral discussions and/or written correspondence or agreements between the parties. This Agreement may be amended or modified only with the mutual written consent of the parties. Neither this Agreement nor any right granted hereunder shall be assignable or otherwise transferable.

9. Governing Law and Jurisdiction:

31.1   The provisions of this Agreement shall be governed by the laws of India. The disputes, if any, arising out of this Agreement shall be submitted to the jurisdiction of the courts/tribunals in Chennai. Submitting to arbitration may be considered as an additional remedy and it does not preclude the Parties to seek redressal/other legal recourse.

10. General:

The Receiving Party shall not reverse-engineer, decompile, disassemble or otherwise interfere with any software disclosed hereunder. All Confidential Information is provided "as is". In no event shall the Disclosing Party be liable for the inaccuracy or incompleteness of the Confidential Information. None of the Confidential Information disclosed by the parties constitutes any representation, warranty, assurance, guarantee or inducement by either party to the other with respect to the fitness of such Confidential Information for any particular purpose or infringement of trademarks, patents, copyrights or any right of third persons.

11. Indemnity:

The receiving party should indemnify and keep indemnified, saved, defended, harmless against any loss, damage, costs etc. incurred and / or suffered by the disclosing party arising out of breach of confidentiality obligations under this agreement by the receiving party etc., officers, employees, agents or consultants.

IN WITNESS WHEREOF, the Parties hereto have executed these presents the day, month and year first hereinabove written.

For and on behalf of

_____

Name of Authorized signatory:
Designation:
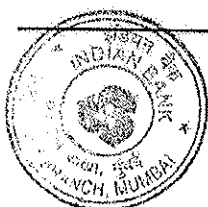
14. INTEGRITY PACT

INTEGRITY PACT Between

Indian Bank hereinafter referred to as "The Bank"

And

.... Hereinafter referred to as "The Bidder/Contractor"

Preamble

The Bank intends to award, under laid down organizational procedures, contract(s) for .... The Bank values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidders(s) and / or Contractor(s).

In order to achieve these goals, the Bank will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Bank

(1) The Bank commits itself to take all measures necessary to prevent corruption and to observe the following principles:

a. No employee of the Bank, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

b. The Bank will, during the tender process treat all Bidder(s) with equity and reason. The Bank will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

c. The Bank will exclude from the process all known prejudiced persons.

(2) If the Bank obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or it there be a substantive suspicion in this regard, the Bank will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2 – Commitment of the Bidder(s)/Contractor(s)

(1) The Bidder(s) / Contractor(s) commit themselves to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

(a) The Bidder(s) / Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Bank's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

(b) The Bidder(s) / Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

(c) The Bidder(s) / Contractor(s) will not commit any offence under the relevant IPC/PC Act: further, the Bidder (s) / Contractor (s) will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or documents provided by the Bank as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder (s) / Contractor (s) of foreign origin shall disclose the name and address of the Agents/Representatives in India, if any. Similarly, the Bidder(s)/Contractor (s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further, as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder (s) / Contractor (s). Further as mentioned in the Guidelines, all the payments made to the Indian Agent/Representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed at Annexure.

(e) The Bidder (s) / Contractor (s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder (s) / Contractor (s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3– Disqualification from tender process and exclusion from future contracts

If the Bidder (s) / Contractor (s), before award or during execution has committed a transgression through a violation of Section 2, above or any other form such as to put his reliability or creditability in question, the Bank is entitled to disqualify the Bidder (s) / Contractor (s) from the tender process.

Section 4– Compensation for Damages

(1) If the Bank has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Bank is entitled to demand and recover the damages equivalent to Earnest Money Deposit /Bid Security.

(2) If the Bank has terminated the contract according to Section 3, or if the Bank is entitled to terminate the contract according to Section 3, the Bank shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to performance Bank Guarantee.

Section 5 – Previous Transgression

(1) The Bidders declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any

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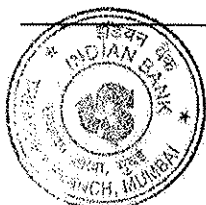
other Public Sector Enterprises in India that could justify his exclusion from the tender process.

(2) The Bidder agrees that if he makes incorrect statement on this subject, bidder is liable to be disqualified from the tender process or the contract, if already awarded, is liable to be terminated for such reason.

(3) The imposition and duration of the execution of the bidder will be determined by the bidder based on the severity of transgression.

(4) The Bidder/Contractor acknowledges and undertakes to respect and uphold the Bank absolute right to resort to and impose such exclusion.

(5) Apart from the above, the Bank may take action for banning of business dealings/holiday listing of the Bidder/ Contractor as deemed fit by the Bank.

(6) If the Bidder/Contractor can prove that he has resorted/recouped the damage caused by him and has implemented a suitable corruption prevention system, the Bank may, at its own discretion, as per laid down organizational procedures, revoke the exclusion prematurely.

Section 6 – Equal treatment of all Bidders/Contractors/Sub-Contractors

(1) The Bidder(s)/Contractor(s) undertake(s) to demand from all sub-contractors a commitment in conformity with this Integrity Pact, and to submit it to the Bank before contract signing. The Bidder(s)/Contractor(s) shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-contractors/Sub-vendors.

(2) The Bank will enter into agreement with identical conditions as this one with all Bidders/Contractors.

(3) The Bank will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s) /Contractor(s)/Sub contractor(s)

If the Bank obtains knowledge of conduct of a Bidder, Contractor or Sub-contractor or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or of the Bank has substantive suspicion in this regard, the Bank will inform the same to the Chief Vigilance Officer.

Section 8 – Independent External Monitor / Monitors

(1) The Bank appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

(2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. It will be obligatory for him to treat the information and documents of the Bidders/Contractors as confidential. He reports to the Authority designated by the Bank.
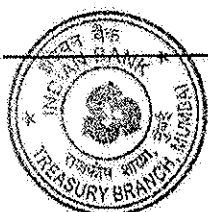
(3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentations of the Bank including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidders)/Contractors(s)/Subcontractors(s) with confidentiality.

(4) The Bank will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Bank and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

(5) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Bank and request the Management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

(6) The Monitor will submit a written report to the Authority designated by the Bank, within 8 to 10 weeks from the date of reference or intimation to him by the Bank and, should the occasion arise submit proposals for correcting problematic situations.

(7) If the Monitor has reported to Authority designated by the Bank, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Authority designated by the Bank has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.

(8) The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

This pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract, and for all other Bidders 6 months after the contract has been awarded on whomsoever it may be.

If any claim is made/lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by the Bank.

Section 10 – Examination of Books of Accounts

In case of any allegation of, violation of any provisions of this Integrity Pact or payment of commission, the Bank or its agencies shall be entitled to examine the Books of Accounts of the Bidder and the Bidder shall provide necessary information of the relevant financial documents in English and shall extend all possible help for the purpose of such examination.

Section 11 – Other provisions

(1) This agreement is subject to Indian Law, Place of performance and jurisdiction is the Corporate Office of the Bank, i.e Chennai.
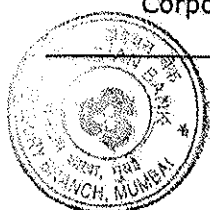
(2) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

(3) If the Contractor is a partnership or a Consortium, this agreement must be signed by all partners or Consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by Board resolution.

(4) Should one or several provisions of this agreement turn out to be invalid, the reminder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

(5) In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail.

(6) Any dispute or difference arising between the parties with regard to the terms of this Agreement/Pact, any action taken by the Bank in accordance with this Agreement/Pact or interpretation thereof shall not be subject to arbitration.

The parties hereby sign this Integrity Pact at ....on ....

---   --
(For & On behalf of the Bank)   (For & On behalf of Bidder/Contractor)

(Office Seal)   (Office Seal)
Place _____Place _____

Date _____Date_____

Witness 1:   Witness 1:

(Name & Address)_____   (Name & Address) _____

_____   _____

_____   _____

Witness 2:   Witness 2:

(Name & Address)_____   (Name & Address) _____

_____   _____

_____   _____

15. UNDERTAKING OF AUTHENTICITY (to be provided by OEM)

Sub: Supply, installation, migration and maintenance of Integrated Treasury Management Software
Ref: Bid Document No. CO:TSY:001:2016-17 dated 21.12.2016.

This has reference to Goods and Services being quoted to Indian Bank vide our Quotation No. _____ Dated_____

We hereby undertake that all the components/parts/assembly/software used in the Servers and other supplies under the above, like Hard disk, Monitors, Memory etc shall be original new components/parts/ assembly /software from respective OEMs of the products and that no refurbished/duplicate/ second hand components/parts/ assembly / software are being used or shall be used.

We also undertake that in respect of licensed operating system asked by Indian Bank in the purchase order shall be supplied along with the authorised license certificate (eg. Product Keys on Certification of Authenticity in case of Microsoft Windows Operating System) and also that it shall be sourced from the authorised source (e.g Authorised Microsoft Channel in case of Microsoft Operating System).

Should Indian Bank require, we shall produce certificate from our OEM supplier in support of above undertaking at the time of delivery/installation. It will be our responsibility to produce such letters from our OEM supplier's at the time of delivery or within a reasonable time.

In case of default and we are unable to comply with above at the time of delivery or during installation, for the servers and other supplies already billed, we agree to take back servers and other supplies if already supplied and return the money if any paid to us by Indian Bank in this regard and our EMD/BG get forfeited.

We (system OEM Name) also take full responsibility of both Parts & Service SLA as per the content even if there is any defect by our Authorised Service Centre/Reseller etc.

Authorised Signatory

Name:

Designation

Place

Date

PS: (The above declaration has to be given by the company secretary duly Signed on the Letter Head of the Company)

16. DECLARATION TO BE SUBMITTED BY THE BIDDER ON CONFIDENTIALITY

Note: The bidder has to submit the following declaration as part of Service level agreement(in their letter head).

RFP: Reference No.   Date:

To,

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai – 600 014.

Dear Sirs,

Sub: Supply, installation, migration and maintenance of Integrated Treasury Management Software

Ref: RFP No. CO:TSY:001:2016-17 dated 21.12.2016, tender Ref No. ....

As part of the agreement under the above reference, We hereby agree that:

1) RBI or persons authorized by it shall access the records of Bank and M/s ....
(successful bidder) related to the agreement referred above and cause inspection.

2) We (successful bidder) shall maintain confidentiality of customer information and will not disclose any confidential information including customer information even after completion of the contract.

3) We (successful bidder) shall obtain prior approval of the bank for use of sub-contracters for outsourced activity etc. Prior approval of the bank shall be obtained for any change proposed in any sub-contractors.

4) We (successful bidder) shall isolate and clearly identify the Indian Bank's customers' information, documents, records and assets to protect the confidentiality of the information, while acting as an outsourcing agent for multiple clients.

Yours faithfully,

(Signature)
Name of Authorized Signatory:
Designation:
Date
Company Seal

17. PART-II (PRICE BREAKUP TO BE SUBMITTED BY THE SUCCESSFUL BIDDER AFTER ONLINE REVERSE AUCTION)

Date:

Asst. General Manager
Expenditure Department
Indian Bank,
Corporate Office,
254-260, Avvai Shanmugam Salai,
Royapettah, Chennai - 600 014.

Dear Sirs,

Sub: Supply, installation, migration and maintenance of Integrated Treasury Management Software

Ref: Bid Document No. CO:TSY:001:2016-17 dated 21.12.2016.

Further to online reverse auction conducted on _____, we submit hereunder the price breakup details of Servers as per the specifications.

Price Schedule

A. Cost of ITMS solution licenses ^^ :-

S. No.	Items	Total Cost in Rupees	Warranty charges for one year(from the date of go live)	ATS charges for the entire contract period	Total
1	Cost of ITMS solution Licenses for UAT setup				
2	Any other cost for UAT setup, please specify				
3	Cost of ITMS solution Licenses for Primary site				
4	Any other cost for primary setup, please specify				
5	Cost of ITMS solution Licenses for Disaster Recovery Site				
6	Any other cost for Disaster Recovery setup, please specify				
	Total				

^^ **Please provide the price breakup for the cost of licenses for various types of users as listed in the tender with detailed licensing policy) for DC and DR site setup.**

B. Cost of Implementation, maintenance— ITMS Solution (at Primary Site and DR site)

S. No.	Item	Amount (in Rupees)
1	Implementation Charges (installation, configuration, Customization, Training, Interface(s), Testing, Acceptance, Data Migration etc.)	
2	Any other cost, Please specify	
	Total	

C. Cost of Manpower for onsite support for 1 year

S. No.	Item	Amount (in Rupees)*
1	Cost of manpower for Onsite support for 6 months i.e. 6 months from the date of Go Live of the proposed solution.	
	Total	

*(To be paid on a monthly basis from go live up to the end of the contract period)

Total Cost of Ownership (TCO) = Table-A + Table-B + Table-C

I. Man-days and Man-hour cost for Change Request Bill (in case of fresh change request as per the tender terms)

S. No.	Description	Applicable Charges (in Rs.) - Indicative
1	Man-Day	
2	Man-Hour	
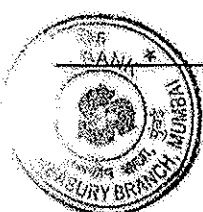
PRICE STATEMENT

Total Cost of Ownership (TCO) for ITMS solution for the entire contract period (inclusive of all duties, levies, freight, insurance, warranty/AMC/ATS, etc. and exclusive of all applicable taxes. Octroi/Entry Tax if any, will be reimbursed on submission of original receipts.) is Rs. _____ (in figures) Rupees _____ (in words)

We submit that we shall abide by the details given above and the conditions given in your above tender.

For

Office Seal
Place:
Date:

Business Address:

(Authorized Signatory)
Name:
Designation:
Mobile No:
Telephone No:

18. FORMAT FOR PRE-BID QUERIES

Sl No.	RFP Point No/Title	Page No in RFP	Details Provided in RFP	Query / Changes Requested

19. CHECKLIST FOR PART – I

SL No	Details of enclosure	Submitted / Not submitted
1	Documentary proof for bidder having implemented ITMS Solution and its support services in at least one scheduled commercial bank in India and in one commercial bank abroad. (Refer Format 7 of Section VI)	
3	Copy of Certificate of Incorporation issued by the Registrar of Companies for the proof of the company having registered in India. (Eligibility Criteria 1 of Section V)	
4	Certificate from a chartered Accountant supported by Audited Financial Statements (and Annual Reports, if applicable) that the bidder is having positive networth and Turnover more than Rs. 50 Crores for the last 3 financial years. (Eligibility Criteria 2 & 3 of Section V)	
5	An undertaking by the bidder that it will provide operational and technical support to the bank at Chennai & Mumbai along with the list of support centers at these locations.	
6	A self declaration by the bidder/OEM that they have not been blacklisted by any Bank/PSU/GOI Department for non-implementation / non delivery of the order / not providing support currently as on date of submission of bid. (Eligibility Criteria 4 of Section V) (Format No. 3 of Section VI)	
7	Self declaration by the bidder that the ITMS solution provided is compatible with all the guidelines issued by regulatory/government bodies.	
8	Covering Letter (refer format no. 5 of Section VI)	
9	Acceptance Letter to be given by the Bidder (refer format no. 6 of Section VI)	
10	Declaration letter from the OEMs that the sizing of hardware has been considered as per the requirements and they stand guarantee for the performance issues if any noticed (refer format no. 8 of section VI) and would upgrade the hardware at the agreed cost.	
11	Manufacturer's authorization Form (MAF) in the Bank's format. (refer format No. 10 of Section VI)	
12	Self-declaration from bidder for having back to back arrangement with OEMs individually.	
13	Bid Security (refer format no. 4 of Section VI)	
14	Power of Attorney / resolution authorizing the official for signing the Bid.	
15	Demand Draft for Rs. 20,000/- (Rupees Twenty Thousand only) towards Bid document Charges	
16	The copy of RFP duly signed with seal by the authorized person, as a proof for having accepted all the terms and conditions in to without deviation.	

17	Detailed Bill of material for software components with make and model and Characteristics without price information	
18	The detailed configuration of the recommended Development, Test, Disaster Recovery and Production server environments as per the requirements mentioned.	
19	Integrity Pact (refer format no. 14 of Section VI)	
Check list for Successful bidder		
1	Performance Guarantee (refer format no. 9 of Section VI)	
2	Contract Form (format no. 11 of Section VI)	
3	Non-disclosure agreement in the bank's format (refer format no. 13 of Section VI)	
4	Non-disclosure agreement by the employees of the bidder related to the project in Bank's format.	
5	Certificate of Satisfactory background Check of all the employees of the SI and OEM resources associated with the project. This Certificate has to be issued every time there is a change or addition of new members on the project also.	
6	Declaration regarding accessibility to RBI, confidentiality etc (refer item number 24)	
7	Bank may choose to take an undertaking from Vendor employees to maintain the confidentiality for the Bank's information /documents etc. Bank may seek details / confirmation on background verification of Vendor's employees worked / working on Bank's project as may have been undertaken / executed by the vendor. Vendor should be agreeable for any such undertaking/verification.	

Verified and found all the documents to be in the same order in both Hard copy and Soft Copy.

Signature of Authorised Signatory	
Name	
Designation	
Telephone Number	
Mobile number	
e-mail id	|