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...भरोसे का प्रतीक !



punjab national bank
...the name you can BANK upon !



GAD, CO: MUMBAI-WESTERN, AMAN CHAMBER, 1ST FLOOR, SVS ROAD, OPPOSITE
PASSPORT OFFICE, PRABHADEVI, MUMBAI: 400025

TENDER DOCUMENT (PART A & B)

PART-A (TECHNICAL BID)

RFP FOR SITC OF NOTE SORTING MACHINE (NSM), 4+2 POCKET AT BANDRA CURRENCY CHEST.

CLIENT

PUNJAB NATIONAL BANK
GAD, CO: MUMBAI-WESTRN
AMAN CHAMBER, 1ST FLOOR
PRABHADEVI, MUMBAI: 400025

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1. INTRODUCTION

Punjab National Bank (PNB) (The Bank) a Public Sector Bank, constituted under the Banking Companies (Acquisition & Transfer of Undertaking) Act 1970, commenced its operations on April 12, 1895 to undertake Banking activities. The Bank enjoys strong fundamentals, large franchise value and good brand image.

2. DISCLAIMER

The information contained in this tender document or subsequently provided to Bidder/s, whether verbally or in documentary form by or on behalf of the Punjab National Bank or any of their representatives, employees or advisors (collectively referred to as — Bank Representatives), is provided to Bidder(s) on the terms and conditions set out in this tender Document and any other terms and conditions subject to which such information is provided. This document shall not be transferred, reproduced or otherwise used for purpose other than for which it is specifically issued.

This tender Document is to provide the Bidder with information to assist the formulation of their Proposal. This tender Document may not be appropriate for all persons, and it is not possible for the Bank Representatives, their employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this tender or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the tender and any assessment, assumption, statement or information contained therein or deemed to form or arising in any way for participation in this bidding process. The Bank also accepts no liability of any nature whether resulting from negligence or otherwise, however caused arising from reliance of any Bidder upon the statements contained in this tender.

The Bidder is expected to examine all instructions, forms, terms and specifications in the bidding Document. Failure to furnish all information required by the bidding Document or to submit a Bid not substantially responsive to the bidding Document in all respect will be at the Bidder's risk and may result in rejection of the Bid.

The Bank Representatives may in their absolute discretion, but without being under any obligation to do so, update, amend or supplement the information in this tender Document.

IMPORTANT BID DETAILS

1.	TENDER REFERENCE	CO/MUM-WEST/GAD/NSM/2021-22
1.1	Name of work	Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest.
2.	Date of release of Tender	As per schedule (Plz. Visit at https://etender.pnbnet.in)
3.	Date & time of commencement of Tender download	As per schedule (Plz. Visit at https://etender.pnbnet.in)
4.	Last date and time downloading tender	As per schedule (Plz. Visit at https://etender.pnbnet.in)
5.	Date & time of start of Bid Hash preparation	As per schedule (Plz. Visit at https://etender.pnbnet.in)
6.	Last Date & time of Bid Hash preparation	As per schedule (Plz. Visit at https://etender.pnbnet.in)
7.	Date & time for start of preparing technical & Commercial bid	As per schedule (Plz. Visit at https://etender.pnbnet.in)
8.	Last date & time for submission of technical & commercial bid online	As per schedule (Plz. Visit at https://etender.pnbnet.in)
9.	Last date & time for physical submission of Technical bid	26.04.2022, up to: 14:00Hrs
10.	Date & time of Bid re-encryption	As per schedule (Plz. Visit at https://etender.pnbnet.in)
11.	Date & time of opening & closing of EMD	As per schedule (Plz. Visit at https://etender.pnbnet.in)
12.	Date & time for opening & closing of Technical Bid online	As per schedule (Plz. Visit at https://etender.pnbnet.in)
13.	Date & time of Technical evaluation	As per schedule (Plz. Visit at https://etender.pnbnet.in)
14.	Date & time of Commercial bid opening	As per schedule (Plz. Visit at https://etender.pnbnet.in)
15.	Uploading of R-Auction MOM	As per schedule (Plz. Visit at https://etender.pnbnet.in)
16.	Date & time of award of tender	As per schedule (Plz. Visit at https://etender.pnbnet.in)

17.	Cost of Tender Document /Tender Fees	Rs.1,180/- (INR One Thousand One Hundred and Eighty Only inclusive of GST) (non-refundable) in the form of crossed Demand Draft favour of Punjab National Bank payable at Mumbai. * Firms registered under SMEs for Sales & Services of Note Sorting Machine (NSM) would be exempted from submission of tender fees. Firms registered under SMEs for other works are not eligible for exemption of tender fees.
18.	Earnest Money Deposit (EMD) Amount	Rs.19,000/- in form of crossed Demand Draft (D.D.) favouring Punjab National Bank, payable at Mumbai. * Firms registered under SMEs for Sales & Services of Note Sorting Machine (NSM) would be exempted from submission of EMD. Firms registered under SMEs for other works are not eligible for exemption of EMD.
19.	Estimated Cost of Work	Rs.11.21Lakh, inclusive of GST (Per annum)
20.	Validity of Tender	90 Days from the date of opening of commercial bids.
21.	Acceptance of letter	7 days from date of award of work
22.	Date of start of work	15 days from the date of issue of award letter.
23.	Place of opening of Bids	GAD, CO: Mumbai-Western, Aman Chamber, 1 st Floor, Parbhadevi, Mumbai: 400025.
24.	Contact Details	Chief Manager, GAD, GAD, CO: Mumbai-Western, Aman Chamber, 1 st Floor, Parbhadevi, Mumbai: 400025.
26	Security Deposit	Successful Contractor will deposit 10% of quoted /awarded amount within 07 days of date of order (in form of DD: In favour of Punjab National Bank, Payable at Mumbai) as SD.
27	Refund of S.D.	S.D. amount will be paid to the Successful Contractor after successful completion of contract period.
28	Forfeiture of S.D.	In case the contractor abandons the contract or leaves the contract unperformed, the S.D. shall be liable to be forfeited.
29.	Refund of EMD	EMD of unsuccessful bidder shall be returned after completion of bidding process/award of work to L-1

		bidder wherein EMD amount of successful bidder shall be adjusted towards performance security.
30.	Forfeiture of EMD	In case L-1 contractor does not submit the acceptance letter within the stipulated time then his EMD will be for forfeited (Bank's discretion).

Bank will be following the e-tender process. The complete details of the requirements for participation in the e-tender process of the bank are given in the website <https://etender.pnbnet.in>, which may be referred for details & clarification. It is essential for the bidder to be registered on our website to be able to submit the bid online also.

Note: - Technical bids will be opened in the presence of bidders who choose to attend as above. The above schedule is subject to change. Notice of any changes will be published on Bank's website (www.pnbindia.in & <https://etender.pnbnet.in>) wherever feasible. Further, please note that commercial bid opening date, time will be intimated to the technically qualified bidders at a later date.

NOTICE INVITING e-TENDER

Reg: Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest.

Punjab National Bank (PNB) invites E-tenders (two bid systems) for **Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest**, who fulfil the eligibility criteria mentioned in tender documents.

Tender documents may be downloaded from our official website www.pnbindia.in & bank's e-Tendering website <https://etender.pnbnet.in/login>.

The tender cost fee of **Rs.1,180/-inclusive of GST** in the form of Demand Draft shall be submitted by bidders in a separate envelope in Envelope No.1.

The Bidders intending to participate in this tender are required to get enrolled on the bank's website i.e. <https://etender.pnbnet.in/login>. Enrolment on the above mentioned website is mandatory.

As the bids of the Bidders have to be digitally signed by the Digital Certificate of the respective Bidder before submitting the bids online, the bidders are advised to obtain Digital Certificates in order to bid for the tender.

The Tender Documents containing detailed terms & conditions can be downloaded online directly from the portal <https://etender.pnbnet.in/login> as per tender schedule attached and shall be submitted online.

Bidders may submit their queries regarding any technical clarification up to 17:00Hrs before **22.04.2022** through e-mail: comumbaiwesterngad@pnb.co.in

Standardized documents may be downloaded from the "Corrigendum / Addendums" section of the above mentioned portal up to 15:00 Hrs on **25.04.2022** after clarification on queries. No deviation on the above will be entertained by the bank there after.

Based on the clarification of conditions by the bank, the intending bidder will submit their unconditional acceptance on the prescribed format along with tender document.

Submission of Tender

Bidders are required to submit their bids in the three envelope system as detailed under.

PHYSICAL SUBMISSION:

Envelope No.1- Tender Cost & EMD

Envelope No.1 shall contain Tender Cost of **Rs.1,180/-inclusive of GST** (INR One Thousand One Hundred only), in the form of crossed Demand Draft which shall be

non-refundable and EMD amounting to **Rs.19,000/- favouring Punjab National Bank, payable at Mumbai**. This envelope shall be super scribed **“Envelope No. 1- Tender Cost & EMD for Bid: Supply, Installation, Testing & Commissioning (SITC), 4+2 pocket of Note Sorting Machine (NSM) at Bandra Currency Chest”**.

Envelope No. 2 – Technical Bid

Envelope No. 2 shall contain technical bid (one set of duly signed tender document except commercial bid). Each page and correction duly signed by Bidders including tender form duly filled in with complete details and descriptions. Bidder shall submit supporting documents in support of eligibility criteria as mentioned in tender documents. This envelope shall be super scribed **“Envelope No. 2 - Supply, Installation, Testing & Commissioning (SITC), 4+2 pocket of Note Sorting Machine (NSM) at Bandra Currency Chest”**.

The contractor should also submit attested copy of documents as per check list mentioned in this technical bid.

Big Envelope:

In this envelope shall contained envelope No1 (Tender cost & EMD) & envelope No.2 (Technical Bid) and shall be super scribed **“Big Envelope for Supply, Installation, Testing & Commissioning (SITC), 4+2 pocket of Note Sorting Machine (NSM) at Bandra Currency Chest”**.

ONLINE SUBMISSION

COMMERCIAL BID

STEPS FOR BID SUBMISSION ONLINE

1. Make Digital Certificates
2. Visit at PNB e-tender System (etender.pnbnet.in)
3. Go to Bidder support, follow the instructions and finally get vendor registration
4. Get registration confirm from Bank
5. Download Bidder Manual from option Bidder Support and follow the instructions
6. Download schedule of activities from site: etender.pnbnet.in
7. As per schedule you can download the tender documents
8. As per schedule prepare the bid & Hash submission
9. As per schedule do the activity of re-encryption

Note: - Bidders are advised to note that Bank will not entertain queries pertaining to process of activities and issues pertaining to activities. Bank will entertain queries pertaining to technical bid clarification and confirmation of registration only.

Commercial bid shall be submitted **online only**. No physical copy of commercial bid (price bid) shall be submitted by bidder along with tender documents.

The price bid of technically eligible bidder who meets the eligibility criteria stipulated in tender documents will be opened online in the presence of participated or representatives of participated bidders. Date for opening of commercial bids will be as per schedule available on PNB, e- tender System for particular tender.

All disputes arising out of or in connection with this agreement shall deem to have arisen in Mumbai and only the courts of Mumbai shall have the jurisdiction to determine the same.

- Last date for downloading the tender document (as per tender schedule).
- Last date for Bid Preparation and Hash Submission (as per tender schedule).
- Last date for Bid Submission (as per tender schedule).

Please note that bid preparation and hash submission and bid submission along with re-encryption is compulsory activity, failing which bidder will not be able to submit the bids online.

Please note that for tendering procedure through the electronic tendering system, refer to the instructions for using the Electronic Tendering System document available along with the tender documents on <https://etender.pnbnet.in>.

Physical submission of technical bids along with supporting documents:-

Sealed tenders as above will be received by the office of Chief Manager (GAD), CO: Mumbai-Western, 1st Floor, Aman Chamber, Parbhadevi, Mumbai:400025 up to **14:00** hours on **26.04.2022** and Envelope no.1 (Tender Cost & EMD) and technical bid (Envelope No.2) will be opened on **26.04.2022 at 15:30 Hrs.**

Tenders received late on account of any reason whatsoever and telegraphic tenders will not be entertained. The tender not accompanied by the Earnest Money & Tender Cost deposited by Demand Draft are liable to be rejected as NON-RESPONSIVE.

The Tender shall be valid for a period of 90 days after the date of opening of Commercial Bid (online).

The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reasons whatsoever.

Interested Bidders are requested to send the email to **comumbaiwesterngad@pnb.co.in** containing following information, so that in case of any clarification same may be issued to them.

- a) Name of company
- b) Contact person
- c) Mailing address with Pin Code
- d) Telephone No
- e) Fax No
- f) Email address
- g) Mobile No

Yours faithfully,
FOR & ON BEHALF OF PUNJAB NATIONAL BANK
Chief Manager

LETTER OF SUBMITTING TENDER

Chief Manager,
GAD, CO: Mumbai-Western
1st floor, Aman Chamber
Parbhadevi: 400025

Dear Sir,

With reference to the tender invited by you for **Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest.** I/ We do hereby offer to execute the work under contract at the respective rates mentioned in the schedule of quantities. I/ We have seen the site understood the general conditions. I/ We agree to execute the work as per specifications general conditions of contract, special conditions, additional conditions, schedule of quantities etc.

I/ We have will be depositing Performance Security (PS) an amount of 3% of awarded value by the way of Demand Draft which amount is not to bear any interest. I/ We do hereby agree that this sum & EMD shall be forfeited by you in the event our tender is accepted and I/ We fail to execute the contract when called upon to do so.

I/ We understand that you are not bound to accept the lowest or any tender that you receive.

Yours faithfully,

(CONTRACTORS)

Tenders submitted on _____ before _____ P.M.

ELIGIBILITY CRITERIA

This invitation of bid is open to all national/international Companies having permanent office or a subsidiary company in India and who fulfil the eligibility criteria as mentioned below: -

S.N	Criteria
1.	<p>Track record of bidder should be clean and should not have any involvement in illegal activities or financial frauds. There should not be any case with the Police/Court/Regulatory authorities against the bidder.</p> <p>Bidder must not have been prosecuted or suffered any penalty for violation of any statutory laws by any Authorities.</p> <p>The bidder should not have rescinded/abandoned any contract awarded by any of his clients before the expiry of prescribed period of contract.</p> <p>Bidder must not have been suspended / delisted / blacklisted by any organization on any grounds for last 05 years.</p> <p>For above, please furnish the relevant annexure on affidavit.</p>
2.	<p>The Bidders desirous of quoting should have their own manufactured brand and plant in any part of the world for the note sorting machine and should have a permanent office or a subsidiary company in India. OR</p> <p>If the Bidder is not an Original Equipment Manufacturer (OEM) and only an authorized dealer, they should have valid authorization letter from their OEMs to deal/market their product in India and such authorization letter should be valid for a further period of minimum 5 years from the date of RFP</p>
3.	<p>Bidder should have experience of having successfully completed similar work (SITC of Note Sorting Machine in any scheduled commercial Banks during the last 5 years ending 31st Jan, 2022 should be either of the following:</p> <ol style="list-style-type: none"> a. Three similar completed works costing not less than amount equal to 40% of estimated cost (02 years older from the date of RFP). b. Two similar completed works costing not less than amount equal to 50% of estimated cost (02 years older from the date of RFP). c. One similar completed works costing not less than amount equal to 80% of estimated cost (02 years older from the date of RFP). <p>Similar work: SITC of Note Sorting Machine in any scheduled commercial Banks.</p> <p>Bidder to submit copy of work completion certificate for completion of awarded work and Performance certificate from employer as evidence of satisfactory performance of work.</p>
4.	<p>The Bidder should be able to provide qualified service engineers for attending the problems if any during the Warranty/AMC period. The availability of</p>

	services of the engineers for the proposed locations as per Annexure should be ensured.
5.	The Model quoted by the bidder should have been released /operational in the Market for at least 12 months before the date of this RFP.
6.	Model offered by the Vendor should have passed the testing done at National Test House, Chennai in recent time. The test shall comply the technical specifications & guidelines on Note Authentication and Fitness Sorting Parameters (Testing procedures) as per Annexure .

ARTICLES OF AGREEMENT

This Agreement is made at Mumbai on..... Day of..... 2022 between Punjab National Bank (CO: Mumbai-Western, 1st floor, Aman Chamber, Parbhadevi, Mumbai:400025) a Body Corporate, constituted under the Banking Companies (Acquisition and transfer of undertakings) Act 1970, having its Head Office at Plot No 4, Sector -10, Dwarka, Delhi-110075 (hereinafter called the "Bank", which term shall, wherever the context so permits, mean and include its successors and assigns) of the one part

&

..... (Herein after called "the Tenderer") of the other part.

WHEREAS the Employer is desirous of **Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest** and has vide letter of acceptance dated accepted a tender by the Tenderer for the execution, completion, and maintenance of such works. The successful tenderer (M/s. -----) has deposited Rs.____, with the Bank as security deposit for due performance of the agreement.

NOW THIS AGREEMENT WITNESSES AS FOLLOWS:

1. In this agreement words and expressions shall have the same meaning as are respectively assigned to them in the said conditions of contract hereinafter referred to.
2. The following documents and the terms & conditions contained therein shall form and construe as integral part and parcel of this agreement viz.
 - a) Original tender document.
 - b) Relevant correspondence (all letter/ correspondence) forming parts of contract and referred to in acceptance letter.
 - c) Acceptance letter
 - d) Bill of quantities
 - e) Other additional documents as required
 - f) Corrigendum, if any.
3. The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies the latest documents issued by the Bank shall prevail over the earlier documents.
4. In consideration of payment to be made by the employer to the tenderer as hereinafter mentioned, the tenderer hereby covenants with the employer to

perform execute, complete and maintain the work in conformity in all respects with the provision of the contract.

5. It is also agreed that bank may, in the event of termination of contract as provided herein having regard to exigencies of matter, arrange maintenance/ repair/ replacement of parts etc. in discretion from any other source/ agency from the date of notice. In the event of termination of contract for non-satisfactory performance of the contract, the security deposit made by tenderer shall stand forfeited. The Bank is not liable to pay any interest on the security deposit made by the tenderer.

6. The Annual service contract includes **Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest.**

7. The employer hereby covenants to pay the tenderer in consideration of the execution, completion and maintenance of the work such sums as shall become payable hereunder at the time(s) and in the manner prescribed in the said conditions and price schedule of quantities / bill of quantities prescribed in the contract.

8. All disputes or differences whatsoever arising between the parties shall be settled amicably. If parties are not able to solve amicably, the same shall be settled by arbitration in accordance with the Arbitration and Conciliation Act 1996. Venue of arbitration shall be Mumbai. Arbitration shall be conducted by the sole arbitrator.

IN WITNESS, whereof the parties hereto have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day, month and year first above written.

SIGNED SEALED AND DELIVERED BY THE

Said_____

Said_____

(Name
On behalf of the contractor

(Name
On behalf of the Employer

In the presence of

in the presence of

Name:

Name:

Address

Address

GENERAL RULES & INSTRUCTIONS TO BIDDERS

Contents of the Technical Bid:

1. All pages of this RFP as downloaded from the website duly signed on all pages.
2. Documents in support of all eligibility criteria.
3. Technical Documentation (Product Brochures, leaflets, manuals, drawings). An index of technical documentation submitted with the offer must be enclosed.
4. Media containing the detailed pictures of the machine its dimensions and functioning of the machine etc.
5. A detailed list of the other **site requirements** for machine operational and functioning of the machine covering space, ventilation, temperature, power requirement and other safety precautions.
6. It is mandatory to furnish the make & model of the machine quoted.
7. Power of Attorney / authorization with the seal of the bidder's company / firm in the name of the person signing the RFP documents.
8. Tender fees & EMD

Contents of the Financial Bid.

1. **Online** Financial bid which should contain all price information, including AMC details.

OPENING OF BIDS:

Envelope No.1 (Tender fees & EMD): This envelope shall be opened in the presence of the Bidder's representatives present on the date & time of opening of bids. Bidders those have submitted the D.Ds/exemption certificate as mentioned in this tender document shall be eligible to participate in the event of technical bids opening.

Envelope No.2 (Technical bids):- The Technical Bids of eligible Bidders shall be opened in the presence of the Bidder's representatives present on the date & time of opening of bids.

EVALUATION OF TECHNICAL BIDS: - The Technical Bid will be evaluated only for those bidders who submit EMD in the envelope No.1 and based on the stipulated eligibility criteria mentioned in tender documents. The bidders who comply with

the eligibility criteria will be qualified for further evaluation and the Price Bid of such pre qualified bidders will be opened online on scheduled date & time.

Price Bids opening:- Price bids of all technically qualified bidders shall be opened online only on scheduled date & time in presence of representatives of bidders present on the event.

DETERMINATION OF L-1 PRICE

The L-1 price will be determined on the basis of the lowest price quoted in the Price Bid as per the BOQ on Total Cost of Ownership (TCO) basis and the L-1 bidder will be determined accordingly.

Total Cost of Ownership will be calculated as follows:-

$$\text{TCO} = \text{Cost of machine} + \text{AMC cost for 5 years after warranty.}$$

OFFER VALIDITY PERIOD: 90 days from the date of opening of price bid online.

PROPOSAL OWNERSHIP: - The proposal and all supporting documentation submitted by the bidder shall become the property of the Bank.

MODIFICATIONS AND WITHDRAWALS OF BID/S: - Offer cannot be modified or withdrawn by a Bidder after submission of Bid/s. In case any modification required on account of clarifications in Technical bids, such modifications can be done with the prior approval of the bank.

NO COMMITMENT TO ACCEPT LOWEST OR ANY OFFER:

1. The Bank is not bound to accept the lowest bid or any offer / bid or to assign any reason for non-acceptance. It also reserves its right to reject any or all the offers / Bids without assigning any reason thereof whatsoever.
2. The Bank will not be obliged to meet and have discussions with any bidder and/or to entertain any representations in this regard.
3. The bidder including those, whose RFP is not accepted shall not be entitled to claim any costs, charges, damages and expenses of and incidental to or incurred by them through or in connection with his submission of RFPs, even though the Bank may opt to modify/withdraw the RFP / Recall the RFP.

INCOMPLETE OFFERS WILL BE REJECTED: - The incomplete offers will be rejected without any further reference. Such rejections may take place in case of non-adherence to the format or partial submission of technical information as per the format given in the offer or not Furnishing the information sought for.

TIME PERIOD.

1. The supply and made the machine operational has to be completed within a period of **30 days** from the date of receipt of the Purchase order by the bidder.
2. Time is the essence of the Contract. Time Period for delivery and made the machine operational shall be firm and binding on the bidder / vendor.
3. The successful bidder shall co-ordinate the activities relating to provision of infrastructural facilities within the scope of the Bank. Such facilities shall be specifically listed out by the Bidder at the time of submission of the RFP.
4. The delay and made the machine operational will attract Liquidated Damages in the terms & conditions of RFP.
5. The warranty period will start from the date of machine operational as certified by the Bank in writing.

PRICE:- The Price/s quoted for supply of the Note Authenticator cum sorting Machine must be made in Indian Rupees only and shall include the following:-

1. All duties and importing cost.
2. Quoted rate should be inclusive of all the applicable Taxes including CST/LST/VAT/Service Tax /GST/ Octroi / Entry Tax/ Packing, Transportation and Forwarding charges to the site.
3. Cost of any other miscellaneous items supplied by the Bidder for functioning of the machine if any.
4. Made the machine operational at free of cost.
5. Local levies in the country of origin and shipment
6. Minimum of One-Year Comprehensive On-site Warranty from the date of the machine operational at site including free preventive service once in three months.
7. Future Up gradations issued by the RBI / Bank for total eight years.
8. If the bidder fails to include any other expenditure/item in the RFP, no claim thereof will be considered by the bank afterwards.
9. The AMC prices shall be firm and binding without any escalation whatsoever for entire period of 4 years of contract after warranty period of one year.

10. No escalation in price is permitted for any reason whatsoever. Prices quoted must be firm till the completion of the contract i.e. supply, testing, and operationalizing the machines warranty period and AMC period.

AGREEMENT: The Successful bidders shall sign an agreement on bank prescribed format as per Annexure I with the Bank within 07 days from the date of receipt of Purchase Order.

DELIVERY

1. The delivery has to be made at the locations.
2. In the event of any change / modification in the locations where the Note Sorting Machine is to be delivered, the bidder in such cases shall deliver, at the modified locations at no extra cost to the Bank. However if the Note Sorting Machine is already delivered, and if the modification in location is made after delivery, the bidder shall carry out operationalizing work for free of cost and the modified location and the Bank in such cases shall bear the shifting charges / arrange shifting. The Warranty / AMC should be applicable at the altered locations also.
3. The order will be deemed as incomplete if any component of the Note Authenticator cum sorting Machine is not delivered or is delivered but not operational or not acceptable to the Bank after acceptance testing / examination. In such an event, the supply and made the machine operational will be termed as incomplete and Note Authenticator cum sorting Machine will not be accepted and the warranty period will not commence. The machine will be accepted only after complete operational of the machine.
4. If the Bidder fails to deliver and / or made the machine operational (Note Authenticator cum sorting) ordered within the stipulated time schedule or by the date extended by the Bank, the same shall be treated as a breach of contract. Partial supply of the ordered quantity shall also be considered as breach of contract. In such case, the Bank may invoke the proportionate amount of Security Deposit / Bank Guarantee.
5. The Bank will not arrange for any Road Permit / Sales Tax clearance for delivery of machine to different locations and the Bidder is required to make the arrangements for delivery of machine to the locations as per the list of locations /items provided from time to time by the Bank. However, the Bank will provide letters / certificate / authority to the Bidder, if required.

Import / Export license, if any required shall be arranged by the bidder only on his own, at his own cost. Failure to obtain required licence from the competent authority will not be considered as Force majeure.

6. Operationalizing of the Note Authenticator cum sorting Machine will be deemed as complete only when the same is certified by the Branch In charge in accordance with the Terms & Conditions of this RFP.

Post Delivery Test: The Bank reserves the rights to test i.e. both technical and stress test at site. The cost of such testing and related expenses shall be borne by the successful bidder. Any failure of the machines to meet the rules, terms and conditions of RFP as a result of post-delivery tests either fully or partially, will Empower Bank to reject the machines supplied to Bank against the purchase order of this RFP.

In such events the bidder shall supply new machines on the same rules, terms and conditions of the RFP. Any delay due to such failure will attract Liquidated Damages as stipulated in this RFP and no extensions will be permitted.

LIQUIDATED DAMAGES FOR DELAY

1. If the bidder fails to deliver and operationalizing the machines within the specified time, the Bank shall have the option to accept or reject the machine delivered by the bidder after the expiry of the time period specified in the RFP. In case of acceptance of the delayed operational of the machine, LD shall be imposed.

2. The bidder agrees and considers that the liquidated damages set out herein above are fair and reasonable and that he will raise no objection or dispute with regard to the bank's right to recover the liquidated damages.

3. The liquidated damages shall be deducted / recovered by the bank from any money due or becoming due to the bidder under this purchase contract or may be recovered by encashment of bank guarantees or otherwise from bidder.

TERMS OF PAYMENT: - The following terms of payment shall be applicable to this contract.

1. Bank will not pay any advance.

2. Payment shall be made after completion of Satisfactory Post-delivery test within 15 days as per of the Terms and Conditions:-

- a. Vendor's signed Financial invoice (IN DUPLICATE)
- b. Manufacturer's Inspection and Test certificates.
- c. Machine receipt and testing Certificate signed by the Branch In charge.

3. Please note that Bidder's Signed Financial Invoice, *Delivery Proof and machine operational Reports duly signed by bank officials of the branch / office should be submitted in originals only while claiming payment* in respect of orders placed.

SECURITY DEPOSIT

1. The successful bidder should submit a Security Deposit for **10 % value of the contract** within **7 days** from the date of receipt of the Banks' purchase order. If the Security Deposit is not submitted within the stipulated time, Bank reserves rights to cancel the order and forfeit the EMD.

2. The successful bidder should submit Security Deposit by way of DD drawn in favour of Punjab National Bank, payable at Mumbai. No interest shall be payable by the Bank on the above security deposit.

3. 50% of the security deposit will be returned to the bidder / vendor within 15 days after completion of warranty period subject to satisfactory performance of the machines as per the RFP rules, terms& conditions and deducting the recoveries if any . The Balance 50 % of the security deposit shall be retained by the Bank for the duration of AMC period of 4 years for due performance of the AMC.

ORDER CANCELLATION: - The Bank reserves its right to cancel the entire / unexecuted part of Purchase Order at any time by assigning appropriate reasons in the event of one or more of the following conditions treating it as default / nonperformance of the contract:

1. Fails to accept the purchase order within the specified time.
2. Fails to sign the agreement within the specified time.
3. Fails to deposit the Security deposit within the specified time.
4. Delay in delivery beyond the specified period.
5. Partial Delivery.
6. Serious discrepancies noted in the items delivered.
7. Breaches in the terms and conditions of the Order.

In addition to the cancellation of purchase order, the Bank shall forfeit the Security Deposit given by the bidder towards nonperformance/noncompliance of the terms and conditions of the contract.

SOFTWARE, DRIVERS AND MANUALS

1. The bidder shall supply along with each Note Authenticator cum sorting Machine ordered, all the related documents and necessary media of the software loaded in the machine without any additional cost. The media and documents shall be in English. These will include but not restricted to User Manual, Operation Manual, Other Software and Drivers etc.

2. All related documents, manuals, catalogues and information furnished by the bidder shall become the property of the Bank.

WARRANTY

1. The supplied machine shall be free from defective material and workmanship and any shortfall/defect that may appear/be detected within 12 months from the date of site acceptance, which in the opinion of the Bank has

arisen from bad design, material and/or workmanship, shall upon intimation to the bidder, be made good at the bidder's own risk within 2 days.

2. The entire machine including its accessories etc. shall be under Comprehensive Onsite Warranty covering all parts, maintenance or support for its proper operation, performance and output as specified in the RFP for a **Period of 12 months** from the Date of satisfactory operational of Machines and Certified by the Branch In Charge in writing.
3. During the said warranty period of 12 months, the bidder shall without any extra cost, carry out all routine and special maintenance of the Note Authenticator cum sorting Machine and attend to any difficulties/defects/replacements that may arise in the operation of the system. There should be regular **preventive maintenance at least once in three months**.
4. The Bidder should further guarantee that the Note Authenticator cum sorting Machine shall be brand new and based on proven and established technology and shall be suitable for Indian conditions.
5. The defective or replaced parts shall be returned to the Bidder upon request and at his cost and responsibility. The Bank will, however, render such assistance in the matter as will expedite the same.
6. If the Bidder on account of the defects and/or repairs replaces certain items by changing the design or materials, such change shall not reduce the performance of the equipment as per the technical specification.
7. The issue of machine operational, certificate/inspection certificate/approval by the Bank shall in no way relieve the Bidder from the provisions of this clause.
8. If the bidder does not rectify either by repair or replacement, such defects and put back the machine into satisfactory operation within 2 working days from the date of notice by the Bank or does not complete the said rectification with reasonable diligence, a penalty of Rs.1000/- per day subject to a maximum of cost of machine will be levied and deducted from the security deposit or such other/any other sums payable to the bidder. If the machine cannot be repaired within the stipulated time, the bidder shall arrange for a standby machine.
9. Bank reserve rights to forfeit the Security Deposit deposited by the vendor in case of any breach / deviations on part of vendor on any service related issues or warranty issues or any breach in the contract during warranty period.

COMPERHENSIVE ANNUAL MAINTENANCE CONTRACT (CAMC)

1. The Bank, at its discretion may enter into Annual Maintenance Contract with the

bidder.

2. The support for maintenance of Note Authenticator cum sorting Machine supplied should be available for a minimum period of 4 years after warranty period by the bidder.
3. The Bidder shall quote his rates per year per machine for all inclusive (comprehensive) maintenance service **inclusive of Taxes, Charges Fee /Service tax** after the expiry of Warranty period, for minimum period of Four years.
4. The rate of AMC must be quoted both in words and figures in the Financial Bid separately for maintenance contract (which shall cover replacement of defective parts) for 4 years after the expiry of warranty.
5. The AMC Charges should cover the regular maintenance of the machine, cost of the replaced parts, consumables and also the manpower cost except electrical power.

It may be noted by the bidder that Bank will not provide any kind of assistance in the form of men/material and the Bidder will have to make his own arrangements for deputing the required skilled manpower including all necessary spares for setting right the reported/observed defects. These rates shall remain firm and valid for a period of **Four years** from the date of expiry of the warranty period.

Repairs to the Machines and trouble shooting of software in the event of any breakdown, the scope of the contract shall include all costs, transport, handling, insurance charges and including all taxes, duties, levies for the following:-

- a. Preventive maintenance like periodical servicing, trouble shooting, settings, adjustments, cleaning, oiling, greasing at periodical intervals to ensure (i) smooth and trouble free working of the system and (ii) the performance of the machine at the contracted capacity.
 - b. Troubleshooting, settings, adjustments including cost of repair/supply of spares/ components/ sub-systems.
 - c. The bidder has to update the features of the Note Authenticator cum sorting Machine as per the guidelines issued by the regulator (RBI) regarding the matter related to issue/sorting/quality etc., of currency notes from time to time, free of cost.
6. CAMC Payment will be made on quarterly arrear basis during the period.
 7. Any breakdown of the machine/ shortfall in its performance will be intimated to the bidder by the Bank and the bidder shall attend to the fault and rectify the same within 2 working days of reporting the fault. If the machine is not put back into satisfactory operation within 2 working days, a penalty at the rate of Rs 1000/- per working day per machine subject to a maximum of Rs 1.50 lakh per machine will be imposed and the same will be deducted from

the AMC charges payable or from the security deposit.

8. The Bank shall have the option to terminate the service contract any time during the contract period by giving a written notice of 1 month, without assigning any reason thereof. However, the contractor shall commit himself to the service contract for a minimum period of 4 years, unless the service contract is terminated by the Bank and bidder will have no right to terminate the contract within this period.
9. Bank reserve rights to forfeit the Security Deposit deposited by the vendor in case of any breach / deviations from the vendor side on any service related issues or any breach in the contact during AMC period.
10. There should be a preventive maintenance during the CAMC period; such preventive maintenance should be at **least once in three months**.

TRAINING:- The successful bidder shall associate the Bank's staff during the testing of the Note Authenticator cum sorting Machines. The successful Bidder shall train Bank's staff in proper Operation, Trouble identification, Trouble shooting and routine maintenance of the Note Authenticator cum sorting Machine on a mutually agreed Date & Time

LOCAL SUPPORT:- The bidder should be capable of meeting the service & support standards as specified in this RFP. Service support should be available during all Bank working days/ hours.

PATENT:- The bidder shall indemnify, protect and save the Bank against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any law pertaining to patent, trademarks, copyrights etc. or such other statutory infringements in respect of Note Authenticator cum sorting Machine supplied by them.

PUBLICITY:- Any publicity by the bidder in which the name of the Bank is to be used will be done only with the explicit written permission of the Bank.

GUARANTEES FOR SOFTWARE: - The bidder should guarantee that the Note Authenticator cum sorting Machine delivered to the Bank are brand new, including all components. In the case of software, the bidder should guarantee that the software supplied to the Bank is licensed and legally obtained. All hardware and features must be supplied with their original and complete printed documentation.

SPARE PARTS:- The bidder will make the spare parts for the Note Authenticator cum sorting Machine available for a minimum period of 4 years after warranty period.

If any of the peripherals / components is not available during the warranty / AMC period, the substitution shall be carried out with peripherals / components of equivalent or higher capacity.

NEGLIGENCE:- In connection with the contravenes the provisions of General Terms, If the bidder neglects to execute the order with due diligence or expedition or refuses or neglects to comply with any reasonable order given to him in writing by the Bank, in such eventuality, the Bank may after giving notice in writing to the bidder calling upon him to make good the failure, neglect or contravention complained of, within such times as may be deemed reasonable and in default of the said notice, the Bank shall have the right to cancel the Contract holding the bidder liable for the damages that the Bank may sustain in this behalf. Thereafter, the Bank may make good the losses at the risk and cost of the Contractor.

RESPONSIBILTY FOR COMPLETENESS: - Any supplies and services which might not have been specifically mentioned in this RFP but are necessary for the design, engineering, manufacture, supply and operationalizing, completeness of the order, shall be provided / made available as per the time schedule for smooth and efficient operation and maintenance of the machine under Indian condition.

The Bidder shall be responsible for any discrepancies, errors and omissions in the drawings or other information submitted by him irrespective of whether these have been approved, reviewed or otherwise accepted by the bank or not. The bidder shall take all corrective measures arising out of discrepancies, error and omission in drawings and other information as mentioned above within the time schedule and without extra cost to the bank.

FORCE MAJEURE: - The bidder shall not be liable for default or non-performance of the obligations under the contract, if such default or non-performance of the obligations under this contract is caused by any reason or circumstances or occurrences beyond the control of the bidder, i.e. Force Majeure.

For the purpose of this clause, “Force Majeure” shall mean an event beyond the control of the bidder, due to or as a result of or caused by acts of God, wars, insurrections, riots, earth quake and fire, events not foreseeable but does not include any fault or negligence or carelessness on the part of the bidder, resulting in such a situation.

In the event of any such intervening Force Majeure, the Bidder shall notify the Bank in writing of such circumstances and the cause thereof immediately within five calendar days. Unless otherwise directed by the Bank, the Bidder shall continue to perform / render / discharge other obligations as far as they can reasonably be attended / fulfilled and shall seek all reasonable alternative means for performance affected by the Event of Force Majeure.

In such a case, the time for performance shall be extended by a period (s) not less than the duration of such delay. If the duration of delay continues beyond a period of three months, the Bank and the Bidder shall hold consultations with each other in an endeavor to find a solution to the problem.

Under no circumstances the bidder will be entitled to any compensation, damages or extra cost. Notwithstanding above, the decision of the Bank shall be final and binding on the Bidder.

RESOLUTION OF DISPUTES: - All disputes and differences of any kind whatsoever, arising out of or in connection with this Offer or in the discharge of any obligation arising under this Offer (whether during the course of execution of the order or after completion and whether beyond or after termination, abandonment or breach of the Agreement) shall be resolved amicably. In case of failure to resolve the disputes and differences amicably the matter may be referred to a sole arbitrator mutually agreed upon after issue of at least 30 days' notice in writing to the other party clearly setting out there in the specific disputes. In the event of absence of consensus about the single arbitrator, the dispute may be referred to joint arbitrators; one to be nominated by each party and the said arbitrators shall appoint a presiding arbitrator. The provisions of the Indian Arbitration and Conciliation Act, 1996, shall govern the arbitration. In case the Proposal is not received as required above on or before the said date and time, Bank shall presume that bidder is not interested proceeding with the dispute. The venue of arbitration shall be **Mumbai**.

UPGRADATION:- Features should be upgradeable so as to incorporate the additional/new features of Bank Notes as and when introduced by RBI and also should be capable of sorting a particular series as soiled notes as directed by the Bank/ RBI . Bidder to provide necessary features for all denominations of bank notes in Note Authenticator cum sorting Machine for detection of suspect notes.

LIMITATION OF LIABILITY

Contractor's aggregate liability under the contract shall be limited to a maximum of the contract value. In the following circumstances limitation of liability shall not apply and the contractor shall be liable for amount of cost, damages, compensation, penalty etc. suffered by the Bank: -

1. Breach of the confidentiality provisions.
2. Liability for an infringement of a third party's IPR by contractor and
3. Employment liabilities for contractor's staff relating to the period of their employment within **contractual period while working with purchaser Bank** and;
4. Any other liability that cannot be capped or excluded as a matter of applicable law and imposed by the statutory authority/ government bodies/ court tribunals etc.
5. Any other breach caused due to the non-performance of the obligations of the contractor under the Agreement.

This limit shall not apply to third party claims.

SURVIVAL

The Parties have expressly agreed that any liabilities or obligations set forth in this contract by their nature and content are intended to survive the performance hereof, shall so survive despite such completion/expiration or termination of this contract.

NON EXCLUSIVE CLAUSE

The Successful bidder shall not have any exclusive right to provide the services to the bank. The bank shall be free to engage any other service provided/s or may entrust services similar to the services or any part thereof to any person/s during on/or after the expiry of the service agreement.

CONFIDENTIALITY

The bidder shall not, without the written consent of the Banks, disclose the contract or any provision thereof, any specification, or information furnished by or on behalf of the Banks in connection therewith, to any person(s).

The bidder shall not, without the prior written consent of the Banks, make use of any document or information except for purposes of performing this agreement.

The Bidder shall not, without the prior written consent of the Bank, make use of any document or information except for purposes of performing this agreement.

The Bidder shall take all steps as may be reasonably necessary to protect the integrity of confidential information and to ensure against any unauthorized disclosure thereof.

The Bidder shall use the confidential information only for the purpose for which it was provided and shall not profit from the same in an unauthorized manner.

The Bidder shall provide access of the Confidential Information to its employees only on need to know basis and such employees/ personnel shall be required to enter into a confidentiality agreement which is of no less strict terms than this Agreement. Even if some bidder's employee leaves the job, he will neither share any information about bank with anybody else nor will he use it for his new job. Bidder shall continue to be responsible for any such act of its ex-employee.

The Bidder shall indemnify Bank against any loss suffered by Bank due to disclosure of confidential information by employee of contractor.

The obligation contained in this clause shall survive after the termination of this agreement for a period of six years.

Confidentiality of customer information should be maintained even after the contract expires or gets terminated.

Confidentiality and Non-disclosure: The Bidder shall not without the consent of Bank make use of any document or information coming in its way while discharging their jobs of bank except for the purpose of performance of this agreement. Bidder will keep all the data, sources and information confidential and will not disclose or release it to any other party. This clause will remain valid even after the termination or expiry of this agreement.

INDEMNITY CLAUSE

1. Contractor shall indemnify, protect and save the Bank, its directors and employees, and hold them harmless from and defend against all claims, losses, costs, damages, taxes, expenses, action suits and other proceedings, assessments including penalties, punitive damages, (including attorney fees, court costs), relating to or resulting directly or indirectly from any system failure/ anomaly / defect / shortcoming / unintended consequence in services/goods in breach of the terms of this agreement including those imposed under any contract, local or national law or laws, or in respect to all salaries, wages or other compensation to all persons employed by the bidder or bidders in connection with the

performance of any system covered by the purchase contract., or infringement by the Contractor of any patent, trademarks, copyrights etc. or intellectual property rights vest in a third party, the bidder shall be liable for settling with such third party and paying any license fee, royalty and/ or compensation thereon. or breach of the terms of this agreement or such other statutory infringements in respect of all services rendered / goods provided to fulfil the scope of this Agreement.

2. Contractor further undertakes to promptly notify BANK in writing any breach of obligation of the Agreement by its employees or representatives including confidentiality obligation and in such an event, BANK will in addition to and without prejudice to any other available remedies be entitled to immediate equitable relief in a Court of competent jurisdiction to protect its interest including injunctive relief.

3. Contractor hereby undertakes the responsibility to take all possible measures, at no additional cost, to avoid or rectify any issues which thereby results in non-performance of software/ hardware/ deliverables/goods within reasonable time. Contractor also undertake to co-operate with other Contractors thereby ensuring expected performance covered under scope of work.”

4. All indemnities shall survive notwithstanding expiry of termination of the contract and bidders shall continue to be liable under indemnities.

5. The parties agree that in such event, the successful bidder apart from vigorously contesting all such claims and contentions shall also compensate Bank for any monetary loss or damage that suffered due to failure and/or non –performance of the services by the successful bidders in terms of agreement.

WHENEVER THERE IS TIE

In the case of two tenders appearing “Prima Facie” lowest i.e. quoting the same figures before or after the arithmetical check etc., an opportunity shall be given to both the parties for making a revised offer on the basis of a percentage reduction in the total value, in sealed covers, which shall be opened by the TOC on a fixed date in the presence of two tenderers. In the event of the parties not agreeing to revise their tender or any other reasons, it is not possible to resolve the “TIE” the Competent Authority shall exercise his discretion and accept the tender of the contractor who is considered to be better of the two and decision of Bank Competent Authority will be final and binding to the both tenderers.

EVALUATION OF CONDITIONAL OFFERS

If representatives of tenderers are agreed then conditional offers, if any, shall be examined to ascertain their financial implication on the tendered sum. The statement of financial effect shall be worked out and put up for consideration of the Competent Authority.

DEALING WITH INCONSISTENCE RATES

In case, inconsistency rates are observed for items of the same description in the different parts of the schedule of quantity, the lowest of such rates shall be considered as the rate for all such items, unless the Competent Authority finds there is justification for such inconsistent rate.

FREAK RATES

A freak rate is one which is higher or lower by more than 25% of the rate considered market rate for the item. The freak rate shall be dealt with as under: -

a. The quantities of items against which the tenderer has quoted freak rates, shall be verified/checked for accuracy.

b. As a result of verification, if it is revealed that substantial error exists in the quantities against the freak rates, the matter along with the report on the financial aspect shall be referred to the Competent Authority for further instruction.

c. Normally, no changes in specification shall be considered for items against which freak rates have been quoted. If the change, however, is inescapable, the approval of the Competent Authority shall be taken.

d. In case of acceptance of a tender with certain freak rates, it shall be ensured that the quantities are not varied beyond the limit of 10% without prior approval of the Competent Authority.

EVENTUALITY-LOWEST BACKING OUT OR NOT RESPONDING

In case the lowest tenderer backs out or does not respond to the acceptance letter and/or refuses to execute/sign the contract, re-invitation of tenders shall be called by the Bank.

PROFORMA OF AFFIDAVIT

I/We hereby solemnly declare that:

1. I.....Son / Daughter of Shri..... Proprietor/Partner/ Director / Authorized Signatory of is / am competent to sign this declaration and execute this tender document.

2. I have carefully read and understood all the terms and conditions of the tender and hereby convey my acceptance of the same.

3. The information / documents furnished along with the above application/tender are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.

4. I/We undertake and confirm that has/have not any involvement in illegal activities or financial frauds and there are no any cases with the Police/Court/Regulatory authorities against our firm, have not been prosecuted or suffered any penalty for violation of any statutory laws by any Authorities, have not rescinded/abandoned any contract awarded by any of the clients before the expiry of prescribed period of contract, did not submit the acceptance letter after award of work, did not terminated, have not been suspended / delisted / blacklisted by any organization on any grounds for last 05 (five) years.

5. Further that, if such information comes to the notice of the department then I/we shall be debarred for bidding in PNB in future forever. Also, if such information comes to the notice of department on any day before date of start of work, the Bank Authorities shall be free to cancel the agreement and to take further necessary action as prescribed in the document.

NOTE: Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/-

Signature of Notary with seal

Signature of Bidder(s) or an authorized Officer of the firm with stamp

PROFORMA OF AFFIDAVIT FOR EXECUTION OF SIMILAR WORKS

I/We undertake and confirm that eligible similar works(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of PNB, then I/we shall be debarred for bidding in PNB in future forever. Also, if such a violation comes to the notice of Bank before date of start of work, the Engineer-in-Charge of Bank shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

NOTE: Affidavit to be furnished on a 'Non-Judicial' stamp paper worth Rs.100/-

Signature of Bidder(s) or an authorized Officer of the firm with stamp

Signature of Notary with seal

ANNEXURE - 1

Particulars of Bidders / Manufacturer

Sr No	Particulars	
A	Company/Bidder Profile	
1.	Name of the Bidders/Firm Company	
2.	Constitution	
3.	Date of Establishment/Incorporation	
4.	Address Registered Office Corporate Office	
5.	Telephone No FAX No E-mail Address Website	
6.	Sales Turnover 2018-2019 2019-2020 2020-2021	
7.	Domestic Customer Base (Number of Sorting Machines installed in India)	
8.	Service Net Work (Number of Service in.....)	

Sr No	Particulars	
B.	Manufacturer's Profile	
1.	Name of the Manufacturing Company	
2.	Constitution of the Manufacturing Company	
3.	Date of Establishment/Incorporation of the Manufacturing Company	
4.	Address of the Manufacturing Company Registered Office Corporate Office	
5.	Telephone No FAX No E-mail Address Website	
6.	Nature of Relationship of your company with the Manufacturing Company. Subsidiary of the Manufacturing Company/Division of Manufacturing Company/Sole Distributor/Non Exclusive Distributor/Agent/Others Please Specify	
7.	Experience of the Manufacturing Company in Sorting Machines	

Signature of the Authorized Signatory with date & seal

ANNEXURE - 2

Details of Offices/ Branches /Service Centers in

Sr No	Place	Postal Address	Contact Details (including Name of In charge and his contact no.email etc)	Service Facilities Available (Describe)	No of Engineers	Jurisdiction
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signature of the Authorized Signatory with date & seal

ANNEXURE - 3

Technical compliance Statement

Declaration

We hereby undertake to agree to abide by all the terms & conditions stipulated in the RFP document

We certify that the systems / services offered by us for RFP conform to the specifications stipulated in the RFP form

We have quoted for the Model.....

Signature of the Authorized Signatory with date & seal

Authorization letter format

To

The Chief Manager
GAD, CO: Mumbai-Western
1st Floor, Aman Chamber
Prabhadevi, Mumbai.

Dear Sir,

SUB: Authorization Letter for attending the Bid Opening

REF: YOUR RFP NO: - _____ Dt _____.

This has reference to your above RFP for supply of _____. Mr. Miss/Mrs. _____ is hereby authorized to attend the bid opening of the above RFP _____ DT: _____ on _____ on behalf of our organization.

The specimen signature is attested below:

Specimen Signature of Representative

Signature of Authorizing Authority
Authority

Signature of Attesting

Name of Authorizing Authority

Manufacturer's Authorization Form

No. _____ dated. _____.

To

**The Chief Manager
GAD, CO: Mumbai-Western
1st Floor, Aman Chamber
Prabhadevi, Mumbai.**

Dear Sir,

RFP Reference No. _____

We _____ who are established and reputed manufacturers of _____ having factories at _____ and _____ do hereby authorize M/s _____ (Name and address of the Agent/Dealer) to offer their quotation, negotiate and conclude the contract with you against the above invitation for RFP offer.

We hereby extend our full guarantee and warranty as per terms and conditions of the RFP and the contract for the equipment and services offered against this invitation for RFP offer by the above firm and will extend technical support for a period of **5 years** from the date of submission of this RFP.

Yours faithfully

(Name)
For and on behalf of
M/s _____
(Name of Manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a competent person of the manufacturer.

TECHNICAL SPECIFICATIONS**NOTE AUTHENTICATOR CUM SORTING MACHINE (NA-S 4+2 POCKETS)**

The machines shall perform authenticity check with reference to the features of genuine notes as disclosed by the Reserve Bank of India from time to time. Any note which is not found to be having all the features of a genuine note shall be classified by the machine as suspect.

Notes can only be recycled / reissued if they are evaluated as genuine and fit according to the parameters laid down by RBI (see Guidelines on Note Authentication and Fitness Sorting Parameters attached). Authenticity check is a prerequisite for fitness sorting. Fitness sorting can be done only in case of genuine notes. The machines shall be able to identify and separate suspected counterfeits and notes which are unfit for circulation in terms of these standards in a reliable and consistent fashion.

A fit note is a note that is genuine, sufficiently clean to allow its denomination to be readily ascertained and thus suitable for recycling. An unfit note is a note that is not suitable for recycling because of its physical condition or belongs to a series that has been phased out by Reserve Bank of India. All the fitness parameters laid down by RBI are to be evaluated individually. A note must pass all the fitness parameters to be considered fit for recycling.

If the Machine offered by the bidder meets with the following specifications and requirements, the bidder's response to be given as "YES", otherwise the exact specification should be given.

Sl. No.	Details	Remarks by Bidder
1	Model number of machine	
2	Model- Desk top - Ergonomic design, sturdy, capable of working in dusty, hot and humid conditions in India	
3	Number of Stackers with capacity -1 Nos	
4	Number of Reject Stackers with capacity - One	
5	Minimum Processing Speed - 25000 Notes/hour. Machine programmable for diverse sorting parameters	
6	Feeding Capacity - Minimum 500 Notes with Assisted Feed mechanism	
7	Machine should work on both orientation of the notes	
8	First Note recognition	
9	Denomination sorting	
10	Orientation sorting	
11	Facing sorting	
12	Machine must detect and sort suspect Notes	
13	Fitness sorting: The machines shall perform the following fitness sorting functions as per criteria and standards laid down in RBI Guidelines on Note Authentication and Fitness Sorting Parameters:	
A	Soiling	

	B	Limpness:	
	C	Dog-Ears	
	D	Tears:	
	E	Holes:	
	F	Stains:	
	G	Graffiti:	
	H	Crumples/Folds:	
	I	Decolouration:	
	J	Repair:	
	K	Mutilated, Imperfect and Mismatched Notes	
14	Batching Arrangement with indication in sound or light		
15	Table top model		
16	Machine should have LCD graphic mode Digital display of information with value / Nos. of Notes. That should be Dual display for note counting at cashier as well as towards customer end.		
17	Tape Note: Machine should have sensors for detection of tape note in counting as well fitness sorting modes.		
18	Counterfeit: Machine to have detection of counterfeit note in counting and fitness sorting modes.		
19	Machine should indicate the reason for rejected notes		
20	Up gradation of software : Up gradation of Software or Hardware for new features or changes in existing denomination of notes or type of notes as suggested by RBI time to time and to be free of charge		
21	Sensors : The machine should have all type of sensors like Dual Compact Image Sensor (CIS) scan Sensor, magnetic sensor, UV sensor, thickness sensor , infrared sensor, security thread detection etc to check all type of Note authentication and sorting etc.		
22	Machine should be capable of capturing the serial number of the bank notes, the serial number should be able to capture in Laptop or PC and can be retrieved for banks reference.		
23	The technology must be image based or equivalent.		
24	User interface machine should have provision to attach printer, display with function, menu keys, external display for count of notes at no extra cost.		
25	Printer interface facility must be provided free of cost		
26	Power supply requirements and consumption		
27	Voltage stabilizer - inbuilt or external? (at no extra cost)..		
28	Warranty (1 years, unconditional)		
29	Machines should have Central Monitoring facility		
30	Details of EMD: DD No..... Date..... .Amount..... Bank..... Payable at.....		

Guidelines on Note Authentication and Fitness Sorting Parameters

1. Introduction

A fit note is a note that is genuine, sufficiently clean to allow its denomination to be readily ascertained and thus suitable for recycling. An unfit note is a note that is not suitable for recycling because of its physical condition or belongs to a series that has been phased out by Reserve Bank of India. All the fitness parameters laid down in this document are to be evaluated individually. A note must pass all the fitness parameters to be considered fit for recycling.

These parameters provide the minimum standards for cash handling machines used by banks (hereinafter called 'the machines'). Notes can only be recycled / reissued if they are evaluated as genuine and fit according to these parameters. Authenticity check is a prerequisite for fitness sorting. Fitness sorting can be done only in case of genuine notes. The machines shall be able to identify and separate suspected counterfeits and notes which are unfit for circulation in terms of these standards in a reliable and consistent fashion.

The Reserve Bank of India phases out certain series (issue) of notes from circulation from time to time. These notes, though considered legal tender unless otherwise specified, are unfit for recycling. As and when the Reserve Bank of India decides to phase out a specific series (issue) of a specific denomination of notes, the machines shall sort all the phased out notes as unfit, irrespective of their physical condition.

2. Applicability

These parameters are applicable to machines operated by banks, either directly by their staff or indirectly by their agents. These machines can be of any of the following:

- (i) Machines which check the authenticity and fitness of notes, i.e. note processing machines / note sorting machines, and
- (ii) Machines which check only the authenticity of notes, i.e. note authentication machines. All these machines shall classify the individual notes as either genuine or suspect.

3. Authenticity Check

The machines shall perform authenticity check with reference to the features of genuine notes as disclosed by the Reserve Bank of India from time to time. Any note which is not found to be having all the features of a genuine note shall be classified by the machine as suspect.

4. Fitness Sorting

As a part of fitness sorting, notes with any visual or physical defects are to be sorted as unfit as per the criteria set out in Table 1.

Table 1: Sorting Criteria

Sl. No.	Feature	Criteria
1	Soiling	General distribution of dirt across the entire note
2	Limpness	Structural deterioration resulting in a marked lack of stiffness
3	Dog-ears	Corner folds
4	Tears	Lengthwise and crosswise cuts
5	Holes	Holes of a specific diameter
6	Stains	Localized concentration of dirt
7	Graffiti	Deliberate graphic alteration of the note
8	Crumples	Multiple random folds
9	Decolouration	Lack of ink on part or whole of the note, e.g. a washed note
10	Folds	Folds reducing the length or width of the note
11	Repair	Note repaired using adhesive tape/ paper/ glue

(i) Soiling

Soiling refers to the general distribution of dirt across the entire note or in some patterns. It is a measure of the loss of reflectivity from the unprinted areas due to dirt, ageing (yellowing), wear and extraneous markings and includes decolouration due to ageing, excessive folding wear and other wearing. Soiling increases the optical density and decreases the reflectance of the notes. Notes exceeding the soiling levels set out in Table 2 shall be sorted as unfit. Both the obverse and the reverse of the note shall be checked for soiling.

Table 2: Soiling Levels

Sl. No.	Denomination	Maximum Density difference	Minimum Reflectance	Filters
1	Rs. 5	0.07	85 %	Yellow
2	Rs. 10	0.07	85 %	Yellow
3	Rs. 20	0.06	87 %	Yellow
4	Rs. 50	0.06	87 %	Yellow

5	Rs. 100	0.05	90 %	Cyan
6	Rs. 500	0.04	93 %	Cyan
7	Rs. 2000	0.03	95 %	Cyan

(ii) Limpness

Limpness relates to structural deterioration or wears resulting in a marked lack of stiffness in the note paper. Notes with a very low stiffness shall be sorted as unfit. Notes with very low stiffness of paper, i.e. with paper which is worn out in circulation or mechanically mutilated shall be sorted out as unfit. Detectors for paper quality shall be adapted to the same level as for soiling.

(iii) Dog-Ears

Notes with dog-ears with an area of more than 130 mm² and a minimum length of the smaller edge greater than 10 mm shall be sorted as unfit. Chipped notes shall also be sorted as unfit.

(iv) Tears

Notes exhibiting at least one tear at the edge shall be classified as those having tears. Notes with tears larger than those indicated in Table 3 shall be sorted as unfit.

Table 3: Tears

Sl. No.	Direction	Width	Length
1	Vertical	4 mm	8 mm
2	Horizontal	4 mm	15 mm
3	Diagonal *	4 mm	18 mm

* Measured by drawing a straight line from the peak of the tear to the edge of the note where the tear begins (rectangular projection), rather than measuring the length of the tear itself.

(v) Holes

This refers to notes with at least one visible hole. Notes with holes with area exceeding 10 mm² shall be sorted as unfit.

(vi) Stains

Stains are visible markings which are not part of the feature of a note. Notes shall be detected as unfit if localized - i.e. with limited extension - stain can be recognised on its surface. In case the total area covered by stains exceeds 500 mm², the note shall be sorted as unfit. A note with a single stain covering an area of more than 200 mm² shall be sorted as unfit. Both the obverse and the reverse of the note shall be checked for stains.

(vii) Graffiti

Graffiti refers to deliberate graphic alteration of the note with for example, figures or letters. Fitness sorting criteria in case of graffiti shall be the same as those for stains. Both the obverse and the reverse of the note shall be checked for graffiti.

(viii) Crumples/ Folds

Crumpled / folded notes shall be sorted as unfit if the folds result in reduction of the original note in length or width greater than 5 mm.

(ix) Decolouration

Notes affected by decolouration shall be sorted as unfit if the ink is partially or wholly missing from its surface. Both the obverse and the reverse of the note shall be checked for decolouration.

(x) Repair

A repaired note is created by joining parts of the same note together, for example, by using extraneous matter such as tape, paper or glue. Notes with the following types of repairs shall be sorted as unfit:

- Repairs covering an area greater than 100 mm²; or
- Thickness of the extraneous matter 50 µm or more; or
- Width of the extraneous matter 10 mm or more; or
- Length of the extraneous matter 10 mm or more.

5. Mutilated, Imperfect and Mismatched Notes

A mutilated note is note, of which a portion is missing or which is composed of more than two pieces. An imperfect note is a note, which is wholly or partially, obliterated, shrunk, washed, altered or indecipherable but does not include a mutilated note. A mismatched note is a note, which has been formed by joining a half note of any one note to a half note of another note. Such notes shall be classified as unfit.

Detailed Procedure for Conducting Different Tests on Note Authenticator cum Sorting Machines (NA-S).

These tests have to be conducted in presence of the Technical consultants / Agents of National Test House at currency chest / branch / Testing agent Laboratory. The test results have to be recorded in the prescribed format and jointly signed by the representative of the tenderer and the technical consultants.

1. Authenticity check

The machines shall check authenticity of notes with reference to the features of genuine notes as disclosed by the Reserve Bank of India from time to time.

Test procedure: A known number (not less than 100) of suspect notes, which do not have one or more of the features of genuine notes and which are otherwise in good condition, shall be mixed with about 2000 notes fit for circulation and shall be processed. The machine should detect all the suspect notes. The test should be repeated with at least two other denominations.

2. Speed Test

This test should be carried out in the presence of technical consultants to Bank. The speed test should be carried out for all denominations of currency notes (Rs. 10, 20, 50, 100, 500 and 2000). The procedure for carrying out the speed test is outlined below.

Set the machine in the sorting mode

- Load a bundle consisting of 2000 pieces of bank notes of Rs. 10 denomination.
- Record the time (T seconds) required by the machine to process this bundle
- Speed of the machine (N notes per hour) is computed using the formula

$$N = \frac{(2000 \times 3600)}{T}$$

- Repeat this procedure for all the other denominations.
- The results should be recorded in the format given in **Annexure**.

3. Repeatability Test

This test will be carried out notes of denomination Rs. 100, Rs. 500 and Rs. 2000. The procedure for carrying out the Repeatability test on denomination of Rs. 100 for NSM comprises of 12 iterations in total and is outlined below. This procedure will have to be repeated for denominations of Rs. 500 and Rs.2000.

Iteration-1

- The machine should be configured to sort the note into the following categories - Fit (issuable) and Soiled (non-issuable) / Reject/Suspect.
- Feed the machine with a minimum of **2000 pieces** of bank notes.
- Let ***F1 and S1/ R1*** denote respectively the number of Fit notes, Soiled notes and Reject notes
- Record these numbers in the table provided in **Annexure**.

Iteration-2(a)

- Feed the machine with notes declared as Fit in the first Iteration (Number of notes to be fed is ***F1***).
- Let ***F2a and S2a/ R2a*** denote respectively the number of Fit notes, Soiled notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure -Rt..**

Iteration-2(b)

- Repeat the iteration 2(a) i.e. feed the notes declared as Fit in the first Iteration (***F1*** number of notes) once again into the machine.
- Let ***F2b and S2b/ R2b*** denote respectively the number of Fit notes, Soiled notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure -Rt..**

Iteration-3(a)

- Feed the machine with notes declared as Soiled in the first Iteration (Number of notes to be fed is ***S1***).
- Let ***F3a and S3a/ R3a*** denote respectively the number of Fit notes and Soiled notes / Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure -Rt..**

Iteration-3(b)

- Repeat the iteration 3(a) i.e. feed the notes declared as Soiled in the first Iteration (***S1*** number of notes) once again into the machine.
- Let ***F3b and S3b / R3b*** denote respectively the number of Fit notes, Soiled notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure -Rt..**

Iteration-4(a)

Feed the machine with notes declared as Reject in the first Iteration (Number of notes to be fed is

R1).

Let ***F4a and S4a R4a*** denote respectively the number of Fit notes, Soiled notes and Reject notes in this iteration.

Record these numbers in the table provided in **Annexure -Rt.**

Iteration-4(b)

- Repeat the iteration 4(a) i.e. feed the notes declared as Reject in the first Iteration (***R1*** number of notes) once again into the machine.
- Let ***F2b and S2b / R2b*** denote respectively the number of Fit notes, Soiled notes and Reject notes in this iteration.

- Record these numbers in the table provided in **Annexure -Rt..**

Iteration-5:

Configure the machine is to classify the notes as ATM Fit, Bank Fit and Reject/Suspect.

- Feed the machine with notes declared as Fit in the first Iteration (Number of notes to be fed is ***F1***).
- Let ***A5 and B5 / R5*** denote respectively the number of ATM fit notes, Bank fit notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure.**

Iteration-6(a):

- Feed the machine with with notes declared as ATM fit in the 5th Iteration (Number of notes to be fed is ***A5***).
- Let ***A6a and B6a / R6a*** denote respectively the number of ATM fit notes, Bank fit notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure.**

Iteration-6(b)

- Repeat the iteration 6(a) i.e. feed the notes declared as ATM fit in the 5th Iteration (***A5*** number of notes) once again into the machine .
- Let ***A6b and B6b / R6b*** denote respectively the number of ATM fit notes, Bank fit notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure -Rt.**

Iteration-7(a):

- Feed the machine with notes declared as Bank fit in the 5th Iteration (Number of notes to be fed is ***B5***).
- Let ***A7a and B7a/ R7a*** denote respectively the number of ATM fit notes, Bank fit notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure.**

Iteration-7(b)

- Repeat the iteration 7(a) i.e. feed the notes declared as Bank fit in the 5th Iteration (***A5*** number of notes) once again into the machine.
- Let ***A7b and B7b/ R7b*** denote respectively the number of ATM fit notes, Bank fit notes and Reject notes in this iteration.
- Record these numbers in the table provided in **Annexure.**

The formulae for computing % variation in the sorting of Fit (issuable), Soiled (non-issuable) and Reject/Suspect notes are given in **Annexure.**

4. Test for detecting Counterfeit/Damaged/Old series bank notes

To conduct this test the machine should be fed with counterfeit (forged), notes having holes, notes of incorrect dimension, notes having tears, tapes, missing parts and stains and Ashoka pillar series notes and bank notes of Rs. 500 denomination of Mahatma Gandhi (MG) series (1996). This test should be conducted on bank notes of all denominations (Rs. 10, 20, 50, 100, 500, 2000) Such defective notes should be mixed with 100 pieces of genuine notes of the corresponding denomination and fed to the machine. The machine should respond in the following manner.

- Ashoka pillar series note, bank notes of Rs. 500 denomination Mahatma Gandhi (MG) series (1996) should go to the non-issuable i.e. soiled pocket.
- All the (100%) forged notes, notes of incorrect dimension, notes having tears, tapes, missing parts and improper thickness should be detected by the machine and sent to the reject/suspect pocket.
- Notes having big holes/ number of holes, stains should go to the reject pocket.
- The results have to be tabulated in the format given in **Annexure**.

Annexure St
Speed Test

Name of the supplier : Model number :
Structure : Modular / Singular
No. of pockets :

Test Results

Denomination	Time taken (in seconds) to process 2000 bank notes (T seconds)	Speed of the machine $N = \frac{2000 \times 3600}{T}$ Notes per hour
Rs. 10		
Rs. 20		
Rs. 50		
Rs. 100		
Rs. 500		
Rs. 2000		
Average speed of the machine (notes/hour) =		

Other observations (if any)

We have carefully gone through the speed test procedure given to us and have understood the contents thereof.

We confirm that the speed test was conducted in the presence of representative of the tenderer and that the results recorded in the above format reflect the factual position.

We are signing this test result jointly as already agreed by us while submitting the tender document.

1. Authorized Representative) 2. Bank Officials 3.National Test House.

Annexure - Rt

Repeatability Test

Performance of the Note Authenticator cum Sorting Machines while undergoing the test for Repeatability.

Name of the

supplier : Model number :

Structure : Modular / Singular No. of pockets:

Machine is configured to classify the notes as Fit (Issuable), Soiled (Non-issuable) and Reject/Suspect.

Iteration- 1

Denomination (Rs.)		50	100	500	2000
No. of notes processed					
No. of Fit (Issuable) <i>F1</i>					
No. of Reject/Suspect <i>R1</i>					

Iteration-2(a) : Notes declared as Fit (Issuable) in Iteration-1 are processed

Denomination (Rs.)		50	100	500	2000
No. of notes processed	<i>F1</i>				
No. of Fit (Issuable) <i>F2a</i>					
No. of Reject/Suspect/Soil	<i>R2a</i>				

Iteration-2(b) : Notes declared as Fit (Issuable) in Iteration-1 are processed again

Denomination (Rs.)		50	100	500	2000
No. of notes processed	<i>F1</i>				
No. of Fit (Issuable)	<i>F2b</i>				
No. of Reject/Suspect/Soil	<i>R2b</i>				

Iteration-3(a) : Notes declared as Soiled (Non-issuable) in Iteration-1 are processed

Denomination (Rs.)		50	100	500	2000
No. of notes processed	<i>S1</i>				
No. of Fit (Issuable)	<i>F3a</i>				
No. of Reject/Suspect/Soil	<i>R3b</i>				

Iteration-3(b) : Notes declared as Soiled (Non-issuable) in Iteration-1 are processed again

Denomination (Rs.)		50	100	500	2000
No. of notes processed	S1				
No. of Fit (Issuable)	F3b				
No. of Reject/Suspect/Soil	R3b				

Iteration-4(a) Notes declared as Reject/Suspect in Iteration-1 are processed

Denomination (Rs.)		50	100	500	2000
No. of notes processed	R1				
No. of Fit (Issuable)	F4a				
No. of Reject/Suspect	R4a				

Iteration-4(b) Notes declared as Reject/Suspect in Iteration-1 are processed again

Denomination (Rs.)		50	100	500	2000
No. of notes processed	R1				
No. of Fit (Issuable)	F4b				
No. of Reject/Suspect	R4b				

Machine is configured to classify the notes as ATM Fit, Bank Fit and Reject/Suspect.

Iteration-5 Classification of notes declared as Fit in Iteration-1 as ATM Fit and Bank Fit notes

Denomination (Rs.)		50	100	500	2000
No. of notes processed	F1				
No. of ATM Fit	A5				
No. of Reject/Suspect	R5				

Iteration-6(a) Notes declared as ATM Fit in Iteration-5 to be processed

Denomination (Rs.)		50	100	500	2000
No. of notes processed	A5				
No. of ATM Fit	A6a				
No. of Reject/Suspect	R6a				

Contd.....Annexure Rt

Iteration-6(b) Notes declared as ATM Fit in Iteration-5 to be processed again

Denomination (Rs.)		50	100	500	2000
No. of notes processed	A5				
No. of ATM Fit	A6b				
No. of Reject/Suspect	R6b				

Iteration-7(a) Notes declared as Bank Fit in Iteration-5 to be processed

Denomination (Rs.)		50	100	500	2000
No. of notes processed	B5				
No. of ATM Fit	A7a				
No. of Reject/Suspect	R7a				

Iteration-7(b) Notes declared as Bank Fit in Iteration-5 to be processed again

Denomination (Rs.)		50	100	500	2000
No. of notes processed	B5				
No. of ATM Fit	A7b				
No. of Reject/Suspect	R7b				

% variation in the sorting of notes

Denomination (Rs.)		50	100	500	2000
Sorting of Fit Notes	$(S2a + R2a) \times 100 / F1$				
	$(S2b + R2b) \times 100 / F1$				
Sorting of Non-Issuable Notes	$(F3a + R3a) \times 100 / S1$				
	$(F3b + R3b) \times$				
Sorting of Suspect / Reject Notes	$(F4a + S4a) \times 100 / R1$				
	$(F4b + S4b) \times$				
Sorting of ATM Fit Notes	$(B6a + R6a) \times 100 / A5$				
	$(B6b + R6b) \times 100 / A5$				
Sorting of Bank Fit	$(A7a + R7a) \times 100 / B5$				
	$(A7b + R7b) \times 100 / B5$				

% variation calculated in each cell should be less than 5%

Observations (if any)

We have carefully gone through the Repeatability Test procedure given to us and have understood the contents thereof.

We confirm that the Repeatability Test was conducted in the presence of representative of the tenderer and that the results recorded in the above format reflect the factual position.

We are signing this test result jointly as already agreed by us while submitting the tender document.

1. Authorized Representative) 2. Bank Officials 3. National Test House.

Annexure - Ct
Test for detecting Counterfeit/Damaged/Old series bank notes

Performance of the DTNSM while undergoing the test for detection of counterfeit notes / notes having improper dimension / notes with holes, tears, stains etc.

Name of the

supplier : Model number :

Structure : Modular / Singular No. of
pockets :

Hundred numbers of Fit (Issuable) bank notes of a particular denomination are mixed with known number of counterfeit (forged) notes, notes having holes, notes of incorrect dimension, notes having tears, tapes, missing parts and stains, Ashoka pillar series notes. The mixture is fed to the machine under test and set to classify. The test is carried out for notes all denomination and the results are tabulated.

Sl. No.	Particulars of notes fed	Denomination wise number of notes fed						Denomination wise result of number of notes that were correctly counted/sorted/checked/detected					
		10	20	50	100	500	2000	10	20	50	100	500	2000
1	Fit (Issuable)	100	100	100	100	100	100						
2	Soiled (Non-issuable)												
3	Ashoka Pillar series												
4	Mahatma Gandhi (MG) series (1996) of												
5	Counterfeit notes												
6	Notes having holes												
7	Notes of incorrect												
8	Notes having tears, tapes, missing parts,												

Note:

1. Notes in category 2, 3 & 4 should go to the soiled pocket
2. Notes in category 5, 6, 7 & 8 should go to the reject pocket

Observations (if any)

We have carefully gone through the **Counterfeit/Damaged/Old series** Test procedure given to us and have understood the contents thereof.

We confirm that the **Counterfeit/Damaged/Old series** Test was conducted in the presence of representative of the tenderer and that the results recorded in the above format reflect the factual position.

We are signing this test result jointly as already agreed by us while submitting the tender document.

1. Authorized Representative) 2. Bank Officials 3. National Test House.

Annexure - S

Stress Test

This test is conducted to check the suitability of the machine to work continuously for long hours. The test shall be conducted under conditions similar to those that are available in normal branches and currency chests.

Test procedure: The machine should be put to work continuously for 6 hours daily for 4 consecutive days. The machine may be given rest for 10 minutes after each hour of working. During each hour, the machine should work continuously. Details of stoppages or breakdown, if any, (number of occasions, time, time taken to restart, nature of break down etc) and other defects or abnormal behavior etc noticed during the test should be carefully recorded.

1. Authorized Representative) 2. Bank Officials 3. National Test House.

CHECK LIST

S/N	Description	Compliance (Yes/No)
1	DD towards tender Fees (Rs.1,180/-) & EMD (Rs.19,000/-) /Exemption Certificate	
2	Copy of PAN Card	
3	Copy of GST Registration	
4	Copy of work completion certificates as per eligibility criteria.	
5	PROFORMA OF AFFIDAVIT FOR NON - BLACK LISTING & TRACK RECORD ETC, ANNEXURE-A	
6	PROFORMA OF AFFIDAVIT FOR EXECUTION OF SIMILAR WORKS, Annexure-B	
7	Particulars of Bidders / Manufacturer, Annexure-I	
8	Details of Offices/ Branches /Service Centres, Annexure-II	
9	Technical compliance Statement, Annexure-III	
10	Manufacturer's Authorization Form, Annexure-V	
11	TECHNICAL SPECIFICATIONS NOTE AUTHENTICATOR CUM SORTING MACHINE (NA-S 4+2 POCKETS), Annexure-VI	
12	ALL DOCUMENTS ARE SEAL & SIGNED BY AUTHORIZED SIGNATORY.	



PART-B

(To be filled online only)

Reg:- Supply, Installation, Testing & Commissioning (SITC) of Note Sorting Machine (NSM), 4+2 pocket at Bandra Currency Chest.

Model Quoted:

S.N	Description of Items	Unit	Qty.	Rate	Amt.
1	Cost of the Note Authenticator cum sorting Machine (NSM), 4+2 pocket with all the required hardware, software, and other miscellaneous items as per RFP including, transportation, operationalizing of the machine at site with 12 months of warranty and service during the warranty all as per this RFP. The Price shall be including cost of transportation, insurance, Duties, CST/LST/VAT ,Octroi / Entry Tax/ LST/VAT/CST/GST etc.	Nos.	1		
2	Comprehensive Annual maintenance Charges inclusive of all taxes/service tax after expiry of warranty period				
2.1	CAMC for the 1st year (after warranty period of 12 months), inclusive of GST				
2.2	CAMC for the 2nd year, inclusive of GST				
2.3	CAMC for the 3rd year, inclusive of GST				
2.4	CAMC for the 4th year, inclusive of GST.				