



Bank Note Paper Mill India Private Limited
Corporate Office, Gate 1 Administrative Building, Paper Mill Compound
Note Mudran Nagar, Mysuru, 5700003 Karnataka, India
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GLOBAL NOTICE

EXPRESSION OF INTEREST (EOI) FOR DESIGN, MANUFACTURING SUPPLY, ERECTION & COMMISSIONING AND TRAINING FOR MOULD COVER INSPECTION SYSTEM- QUANTITY 2 NOS. FOR BANK NOTE PAPER MILL MYSURU, KARNATAKA AND SECURITY PAPER MILL HOSHANGABAD MADHYA PRADESH.

BNPM/EOI/MCIS/381 /2017-18 DATED 22.01.2018

Bank Note Paper Mill India Private Limited (BNPM) is a joint venture company of Security Printing and Minting Corporation of India Ltd (SPMCIL) a Government of India Enterprise, and Bharatiya Reserve Bank Note Mudran Private Limited (BRBNMPL), a subsidiary of Reserve Bank of India engaged in design, manufacturing & supply of bank note paper **invites Expression of Interest** from, competent and resourceful firm (proprietor/Society/partnership firm/LLP/Company) for design, manufacturing, supply, erection & commissioning and training of automated mould cover inspection system for its Cylinder mould VAT made watermarked bank note (CWBN) Paper.

Interested vendors fulfilling the eligibility criteria as given in Annexure 3 are requested to submit Expression of Interest as per format given in Annexure 4 to this expression of interest. The Expression of Interest must be submitted with the brief profile of the firm, their past performance in manufacturing and supply of similar automated inspection system, financial background etc. in support of the eligibility criteria. The Expression of Interest must be sent to the following address:

The Managing Director
Bank Note Paper Mill India Private Limited
Corporate Office,
Gate 1, Administrative Building, Paper Mill Compound
Note Mudra Nagar, Mysuru -570 003



Karnataka, India

Response to EOI shall be sent on or before 1500 hours on March 23, 2018

Steps in the process:

1. Receipt and Evaluation of EOI
2. Presentation by bidders on past performance & brief description /functionality on the proposed system to be supplied. Technically viable solution shall only be considered for Pre-qualification.
3. Short listing of vendors for further clearance, if so required.
4. Issue of tender document to the said short listed firms.
5. Pre-bid meeting with intending bidders.(if so required)
6. Receipt and evaluation of bids
7. Discussion/negotiations of terms and conditions, if so required
8. Finalisation and award of work

Details of Annexures:

1. Brief background of the company and promoters - Annexure 1
2. Brief scope of work – Annexure 2
3. Eligibility Criteria – Annexure 3
4. Specimen Response letter to EOI as Annexure 4
5. Duly executed Integrity pact as Annexure 5

For and behalf of Bank Note Paper Mill India Private Limited

Alok Kumar
(Deputy General Manger)

Note: The Company reserves the right to accept/reject any application at its sole discretion and/or cancel the entire exercise. Mere fulfilling the minimum eligibility criteria will not confer any right on the applicant to be called for discussion/ selection.

All Addendum/Corrigendum to this EOI shall be uploaded only on website.



BNPM/EOI/MCIS/381 / 2017-18 DATED 22.01.2018

Background of the company and promoters and objective of EOI

Bank Note Paper Mill India Private Limited (BNPM) (www.bnpmindia.com) is a 50:50 Joint Venture Company promoted by Security Printing and Minting Corporation of India Ltd (SPMCIL) (www.spmcil.com), and Bharatiya Reserve Bank Note Mudran Private Limited (BRBNMPL) (www.brbnmpl.co.in). BNPM registered office and the factory is at Mysore. The company has set up a green field banknote paper mill with a production capacity of 12000 metric ton per annum. The Company has commenced the commercial production from April 2016 onwards.

SPMCIL is a Mini-Ratna Category – I CPSE and a wholly owned schedule 'A' Company of Government of India and is under the administrative control of Department of Economic Affairs, Ministry of Finance, Government of India. It is engaged in sovereign function of printing of bank notes and minting of coins besides printing of many other security documents.

BRBNMPL is the wholly owned subsidiary of Reserve Bank of India, established with a view to augment the production of bank notes in India and to bridge the gap between supply and demand for bank notes in the country. The company is engaged in sovereign function of printing and supplying of bank notes.

The BNPM factory is situated at Note Mudran Nagar Mysore, Karnataka, and its Registered and Corporate Office is also situated at the same premises.

Security Paper Mill, is a unit of SPMCIL having its factory at Hoshangabad, Madhya Pradesh for production of Currency paper/ Bank Note Paper.

Company intends to procure two automated mould cover inspection system, one for Bank Note Paper Mill, Mysore and another for Security Paper Mill, Hoshangabad for inspection and defect analysis of the mould covers.

Keeping the objective in view, the Expression of Interest (EOI) is issued.



BNPM/EOI/MCIS/381 / 2017-18 DATED 22.01.2018

Brief Scope of Work

Design, Manufacturing, supply, erection & commissioning and onsite training of mould cover inspection system.

Quantity- 2 (TWO) Nos.

One system is to be supplied, erected and commissioned at Bank Note Paper Mill India Private Limited, Mysuru, Karnataka and the other system is to be supplied, erected and commissioned at Security Paper Mill, Hoshangabad.

Objective:

Wire mesh made mould covers (made by four layers copper bronze made wire mesh) are used in manufacturing of Cylinder mould VAT made bank note paper. The mould covers so made is mounted on the expansion cylinder having diameter of 1500 mm and length 3000 mm.

The quality of mould cover is very critical for manufacturing of good quality CWBN paper. Therefore to ensure good quality mould covers, it is intended to procure an automated and intelligent inspection system with following objectives:

- a) To Inspect embossing tools and male & female dies (size 150X150 mm)
- b) To Inspect mould covers before use to ensure that the mould are manufactured accurately as per technical specification and do not have inaccuracies/deformities. The function may be achieved through 3 D image of the mould cover and comparison with the original/standard image/specifications.
- c) To inspect mould covers during use to detect defect/inaccuracies, caused due to wear and tear while in use i.e. comparison of the image with standard image.

Automated Inspection System shall be capable to carry out the following tasks:

1. The inspection system should be equipped with data exchange to work with embossing and E Type welding machine programme for inspection and sending



the data to the embossing and E type welding machine. The Company presently is using Schoen & Sandt Machinery GmbH make machines.

2. Inspection of special type of Phosphorous bronze wire is to be carried out when such endless wire is fitted on a Skelton cylinder of diameter around 1500 mm and length 3000 mm. The inspection system shall have proper arrangement to fit the skeleton cylinder with wire mesh on a standalone rigid frame with appropriate drive synchronised with inspection camera (or any other) system. The thickness of the wire used shall be in the range of 0.15 mm to 0.6 mm and the wire to be fitted on the skeleton cylinder shall be of multiple layer (4-5). The endless multi-layer wire shall be having around 5000 embossing. The weight of the skeleton cylinder with wire mesh shall be approximately 3000 kg.
3. The 3D Camera system or laser or any other suitable technology may be adopted to detect and measure the entire wire surface for its imperfections, if any, and embossing. The surface presented on the wire mesh shall be in the form of vertical profiles and it may be shown on the computer screen as grey scale. The brightness value of the individual pixels corresponding to the physical height/thickness shall be measured and shown.
4. The scanned height images of embossing on the wire surface and welded steel letters on wire surface may be compared with corresponding desired values of reference pattern.
5. The size of the individual specimen/picture to be compared, shall be of size of around 130 mm X 130 mm and shall be of high resolution, for ex. 4000 x 4000.
6. The system shall be capable to check and store approximately 5000 and more images for each job.
7. Measuring and recording of actual offset of embossing and welded steel letters from the reference point is envisaged.
8. Software shall be capable of storing settings of threshold values and tolerance for various jobs in the memory (Jobs up to 50).
9. Individual test results and inaccuracies are to be displayed with clear markings.
10. Position deviations of images and large-scale distortion of the wire shall be recognised, measured and values shall be stored and displayed.
11. The system shall be capable to measure distance between reference marks and embossed areas or welded steel letters on wire surface electronically.
12. Comparison of each embossing and welded steel letters with reference to respective images shall be carried out and measured values with tolerance shall be displayed.
13. Position measurement of each watermark shall be carried out automatically with reference to the standard.
14. The system shall be capable of measuring height and depth with reference to surrounding base level of the wire and compare with standard tolerance limit, result is to be indicated digitally.



15. The system shall be capable of checking variations in quality (e.g. incompleteness, unexpected edges, damages, twisting) of the embossing and welded steel letters and compare with the standard.
16. The system shall be capable of checking distortion measurement of the wire and measure height (bulges /humps) beyond the embossing area on the whole wire.
17. The system shall be capable of checking inaccuracy and other deviations above the tolerance limits and display on the screen.
18. The system shall be capable of checking of 3 dimensional images of engraving on the dies of size 150mm x 150mm (both male and female dies).
19. The system shall be capable of checking expansion cylinder mould of size up to 1500mm diameter and length 3000mm (Circularity, circumference of the cylinder, cross bar straightness and any other defects on the cylinder).
20. The system shall be capable to indicate the reduction in diameter of the wire after embossing (wire will be stretched/elongated after embossing).
21. The system shall be capable to check the alignment of first and second layer of Phosphorous bronze wire.
22. The system shall have facility to check a small test wire piece of A4 size for its quality embossing, height and depth from the surface level of wire.
23. The system shall be capable and equip with printer to generate the reports in addition to store in memory for at least 100 nos. of jobs.
24. All software project backups of the complete must be provided for trouble shooting and maintenance purpose.
25. The system shall be compatible with CSV files generated from existing PEPS (CAD/CAM) software.
26. The system should also have facility to inspect embossing tools.
27. The inspection of one job shall be carried out within approximately 3-4 hrs.



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Eligibility Criteria

Status:

1. The applicant should be either proprietary firm/LLP/company/Partnership/ (legal entity) registered under relevant regulation of the respective Country. The applicant should be in business of manufacturing and supply of automated inspection system for mould covers used in manufacturing of Currency/bank note papers or inspection system for bank note printed sheet.

Experience:

2. The applicant should have designed, developed, manufactured and supplied at least one inspection system for mould covers or inspection system for bank note printed sheet during the period of last five years ending on 31.12.2017. (Documentary proof to be submitted).

Others:

3. Financial Standing
 - I) Bidder Firms should be financially sound and should have not suffered any financial loss for more than one year during the last three years period ending 31.03.2017 for FY considered from April to March and as on 31.12.2016 for the FY considered from January to December.
 - (ii) The net worth of the firm should not have eroded by more than 30% in the last three years period ending 31.03.2017 for FY considered from April to March and as on 31.12.2016 for the FY considered from January to December. The net worth of the bidder firm should not be negative.
 - (iii) The average annual turnover of the bidder firm shall be above INR 700 lakh or INR equivalent of foreign currencies.
4. The bidder firm should have not been blacklisted/debarred by BNPMIPL/BRBNMPL/SPMCIL/Government of India for participation in tender as on the last date of submission of EOI.
5. Bidders are required to execute the integrity pact as per the format given in Annexure 5.

The copy of audited balance sheet and Profit and loss accounts for last three financial years ending 31.03.2017 (or 31.12.2016 as applicable) are to be submitted along with the proposal



6. All documents are to be submitted in English language only. If the documents are in other language English translation copy shall be furnished along with the documents.



Specimen Response letter for EOI

Date:

The Managing Director
Bank Note Paper Mill India Private Limited
Corporate Office,
Gate 1 Administrative Building, Paper Mill Compound
Note Mudra Nagar, Mysuru -570 003
Karnataka

Sub: BNPM/EOI/MCIS/381 /2017-18 DATED 22.01.2018

Dear Sir,

We have gone through the above referred EOI and understood your requirements with respect to design, manufacture, supply, erection and commissioning and onsite training for mould cover inspection system.

We fulfil the eligibility criteria and undertake that;

1. We have noted, understood and agreed to all the terms and conditions of the EOI. In token of our acceptance, we have enclosed the EOI documents duly signed by the authorized representative.
2. I/we am/are Proprietary firm/LLP/Company/Partnership and I/We have enclosed the registration certificate issued by the registration authorities as applicable in the country of origin as documentary evidence. (Please indicate as applicable)
3. I/We have supplied _____ no. of mould cover inspection system or inspection system for bank note printed sheet during the year _____. I/we have enclosed the work order/completion certificate issued by _____ as documentary evidence.
4. We have the total experience of _____ years in the related field as on 31 December 2017.
5. The average annual turnover for last three financial years i.e. 2016-17, 2015-16, 2014-15 (or 2014, 2015 and 2016 as the case may be) is USD/Euro/Sterling Pound/ INR_____ . I /We have enclosed the annual report/statements of



accounts (preferably audited) and a statement of average annual turnover of last 3 years duly authenticated by an authorised official of the Company/firm.

6. We confirm that we have not suffered any financial loss more than one year during last three years.
7. We confirm that our net worth has not eroded / eroded by % during last three financial years. Our net worth as on 31.03.2017 /31.12.2016 is not negative.
8. We declare that have not been black listed/debarred by BNPMIPL/BRBNMPL/SPMCIL/ Government of India for participation in tender.
9. We also enclose our brief profile and list of our major clients for your consideration.
10. We will be interested to present our proposal and demonstrate our past performance / details of the system being offered to you at a meeting at your convenience.
11. We are enclosing copy of English translation of the documents which are not in English.
12. We are enclosing duly signed/executed integrity pact as per format provided with EOI.

For _____

(Name and designation of officer)

Encl:

1. Duly signed EOI
2. Registration certificates
3. Work order or completion certificate
4. Annual report/income tax return and a statement of average annual turnover of last 3 years.
5. PAN Card copy and copy of Service Tax/GST registration certificate
6. Brief profile and list of major clients
7. Duly executed integrity pact



INTEGRITY PACT

The Bank Note paper Mill India Private Limited having its registered and corporate office at Entry Gate 1, Administrative Building, Paper Mill Compound, Note Mudran Nagar, Mysore 570003, hereinafter referred to the "PURCHASER"

AND

.....hereinafter referred to as the BIDDER / Contractor

The PURCHASER intends to award, under laid down organizational procedures contract(s) for The PURCHASER 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 BIDDER(s) and /or Contractor(s).

In order to achieve these goals, the PURCHASER 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.

1. Commitments of the PURCHASER

1. The PURCHASER commits itself to take all measures necessary to prevent corruption and to observe the following principles:

1.1 No employee of the PURCHASER, 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.

1.2 The PURCHASER will during the tender process treat all BIDDER(s) with equity and reason. The PURCHASER 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.

1.3 The PURCHASER will exclude from the process all known prejudiced persons.

a. If the PURCHASER obtains information on the conduct of any of its employees which is criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the PURCHASER will initiate necessary disciplinary proceedings or any other action as deemed fit including criminal proceedings.



2. Commitments of BIDDERS

2.1 The BIDDER commits itself 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 will not, directly or through any other person or firm, offer, promise or give to any of the PURCHASER'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 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 will not commit any offence under the relevant IPC/PC Act, further the BIDDER will not use improperly, for purpose of competition or personal gain, or pass on to others, any information or document provided by the PURCHASER as part of the business relationship, regarding plans, technical proposals and business details including information contained or transmitted electronically.
- (d) The BIDDER of foreign origin shall disclose the name and address of the Agents/ representatives in India, if any. Similarly the BIDDER of Indian Nationality shall furnish the name and address of the foreign Principals, if any. Further, all the payments made to the Indian agent/ representative have to be in Indian Rupees only.
- (e) The BIDDER will, when presenting his bid, disclose any and all payment 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.
- (f) A person signing Integrity pact shall not approach the Courts while representing the matters to IEMs and he/she will await their decision in the matter

2.2 The BIDDER(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.



3. Disqualification from tender process and exclusion from future contracts:

If the BIDDER, before award or during execution has committed a transgression through a violation of Section 2, above or in any other firms such as to put his reliability or credibility in question, the PURCHASER is entitled to disqualify the bidder from the tender process or to take action as per the procedure mentioned in the "Guidelines on Banning of business dealings".

4. Compensation for damages:

1. If the PURCHASER has disqualified the BIDDER from the tender process prior to the award according to Section 3, the PURCHASER is entitled to demand and recover the damages equalent to Earnest Money Deposit/ Bids Security.
2. If the PURCHASER, has terminated the contract according to Section 3, or if the PURCHASER is entitled to terminate the contract according to Section 3, the PURCHASER shall be entitled to demand and recover from the contractor Liquidated damages of the contract value or the amount equalent Performance Bank Guarantee.

5. Previous Transgression:

1. The BIDDER declares that no previous transgressions occurred in the last three years in any other company in any country confirming to the anti-corruption approach or any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the BIDDER makes in correct statement on this subject, he can be disqualified from the tender process or action can be taken.

6. Equal treatment of all BIDDERS:

1. The BIDDER undertakes to demand from all sub-contractors a commitment in conformity with this Integrity Pact, and to submit it to the PURCHASER before contract signing.
2. The PURCHASER will enter into agreements with identical conditions as this one with all BIDDERS.
3. The PURCHASER will disqualify from the tender process all BIDDERS who do not sign this Pact or violate this provisions.

7. Criminal charges against violating BIDDER:



If the PURCHASER obtains knowledge of conduct of a BIDDER or of an employee or a representative or an associate of a BIDDER/ contractor/sub vendor which constitutes corruption, or if the PURCHASER has substantive suspicion in this regard, the PURCHASER will inform the same to the Chief Vigilance Officer of the company/ Managing Director of the Company.

8. Independent external monitor/monitors:

1. The PURCHASER 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 compliant with the obligations under this agreement.
2. The monitor is not subject to instructions by the representatives of the parties and performs his function neutrally and independently and report to MD.
3. The BIDDER accepts that the Monitor has right to access without restriction to all project documentation of the PURCHASER including provided by the contractors. The contractor will also grant the Monitor, upon his request and demonstration of a valid interest, un restricted and un conditional access to his project documentation. The same is applicable to sub-contractors.

The Monitor is under contractual obligation to treat the information and documents of the bidder with confidentiality.

4. The PURCHASER 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 relation between the PURCHASER and the Contractors. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believe to notice, a violation of this agreement, he will sole inform the Management of the PURCHASER 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 Managing Director, within 8-10 weeks from the date of reference or intimation to him by the PURCHASER and should the occasion arise, submit proposals for correcting problematic situations.
7. If the Monitor has reported to the Managing Director, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Managing Director 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 Chairman/Board of Directors.
8. The word 'Monitor' would include both singular and plural.
9. Pact Validity:

The validity of this Integrity Pact shall be from the date of its signing and valid for 60 days after complete conclusion of the contractual obligations to the complete satisfaction of both the PURCHASER and the BIDDER and after completion of warranty period. In case the BIDDER is unsuccessful this Integrity Pact shall expire after five months from the date of the signing of the contract. 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 Managing Director.

10. Other Provisions:

1. This agreement is subject to Indian Law, Place of performance and Jurisdiction is the Registered Office of the PURCHASER i.e. Mysore.
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.
4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

For & on behalf of the PURCHASER

For & on behalf of the BIDDER



BUYER

BIDDER

Name of the Officer

CHIEF EXECUTIVE OFFICER

Designation

Dept / Ministry / PSU

Witness

Witness

1. _____

1. _____

2. _____

2. _____

