



Bank Note Paper Mill India Private Limited  
Corporate Office, Gate no. 2, Administrative Building, Paper Mill Compound  
Note Mudran Nagar, Mysuru-570003, Karnataka, India  
Tel: 0821 2401 144/158, Fax: 0821 2401 222  
Email: [scm.tender@bnpmindia.com](mailto:scm.tender@bnpmindia.com)  
Website: [www.bnpmindia.com](http://www.bnpmindia.com)

**NOTICE**

**EXPRESSION OF INTEREST (EOI) – DESIGN, MANUFACTURE, SUPPLY,  
INSTALLATION AND COMMISSIONING OF CAMERA BASED SHEET COUNTING  
MECHANISM IN A REAM AT BNPM, MYSORE**

**BNPM/EOI/CSCM/977/2019-20 DATED: 06.01.2020**

Bank Note Paper Mill India Private Limited (BNPMIPL) is a joint venture company of Security Printing and Minting Corporation of India Ltd (SPMCIL - Government of India Enterprise) and Bharatiya Reserve Bank Note Mudran Private Limited (BRBNMPL – 100% subsidiary of Reserve Bank of India) engaged in design, manufacturing & supply of bank note paper.

**Expression of Interest (EOI)** from competent and resourceful firm (Proprietor/Society/Partnership firm/HUF/Other legal entity/LLP/Company) for Design, Manufacturing, Supply, Installation and commissioning of Camera Based Sheet Counting Mechanism in a Ream having 85 to 100GSM paper sheets, each sheet of 100 micron to 130 micron thickness.

Firms fulfilling the eligibility criteria as given in Annexure-2 are requested to submit their Interest as per the format given in Annexure-3 against this expression of interest. Firms must submit brief profile of the firm, their past experiences in supply & installation of Camera Based Sheet Counting Mechanism in support of their eligibility criteria. Interest firms should sent the documents in sealed envelope to the following address:

Deputy General Manager  
Bank Note Paper Mill India Private Limited  
Administrative Building, Paper Mill Compound  
Note Mudran Nagar, Mysuru -570 003  
Karnataka, India

**Response to EOI should reach us on or before 1430 hours of 04.02.2020**



**Steps in the process:**

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

**Details of Annexures:**

1. Brief scope of work – Annexure-1
2. Eligibility Criteria – Annexure-2
3. Specimen Response letter to EOI - Annexure-3

For and behalf of Bank Note Paper Mill India Private Limited

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(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 BNPM website.**



**BNPM/EOI/CSCM/977/2019-20 DATED 06.01.2020**

**1. Brief Introduction of the System:**

Existing system is disc counter based where two disc rotate at high speed through two corners of a ream and the electronic signals generated are converted into sheet count. It involves additional manpower for feeding and removing the ream and also sometimes damages the sheet corners due to physical contact of rotating disc.

**2. Objective of this EOI:**

To ensure that each ream contains exactly 500 sheets. All reams (from sheeter and from re-counting) are checked on the automatic 4-corner counting unit on the way to the pelletizer.

To create the space for the 4-corner counting unit the following stations to be moved downstream by approx. 5mtrs. (To be investigated in detail and confirmed).

**3. Scope of Work:**

Design, Manufacture, Supply, Installation and Commissioning of Camera based Sheet counting mechanism in a Ream having 85 to 100GSM paper sheets, each sheet of 100 micron to 130 micron thickness. The system should be able to carry out following operations (Each ream has 500 Sheets).

- (i) Detection of ream on a conveyor and starting the counting process.
- (ii) The counting shall be carried out online during ream movement or by stop-start of ream. The necessary stop & start signals to be provided and integrated with conveyor.
- (iii) Count of the sheets shall be carried from any two opposite sides in all reams.
- (iv) If both the sides confirm presence of exact 500 sheets, provide a permission signal for sending the ream to next station.
- (v) If the ream consists of less or more than 500 sheets, then raising an alarm for human intervention to remove the ream and resetting of system along with stop signal for stopping the conveyor.
- (vi) The system shall maintain data of all the reams passed along with count check status for each individual reams for past six months in a database.
- (vii) The system shall have standard count of sheets per ream i.e. 500 sheets and accuracy of the count shall be 100%
- (viii) The system shall have in-built self-diagnostic features to check for any camera malfunction, calibration or system errors.
- (ix) The system shall have teach/recipe feature, if required, for counting of various denomination and shades of paper.
- (x) The entire process of counting of sheets shall be completed within 10 seconds to ensure smooth work flow of production.
- (xi) Sheet Size in a ream: maximum-810mm (W) X 695mm (L). Minimum - 684mm (W) X 655mm (L)
- (xii) Ream Height with 500 sheets: 65mm approx.
- (xiii) Firm shall arrange, if feasible, for a working demo of the products to show the industrial implementation.

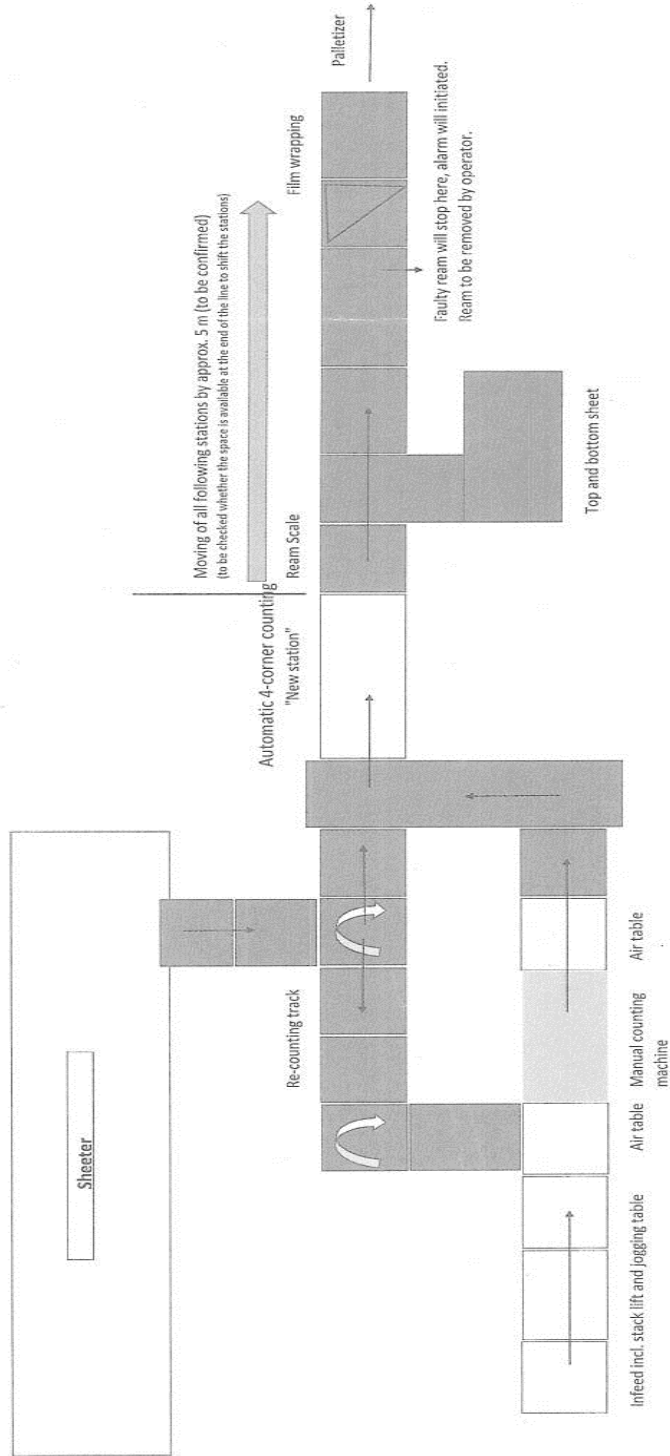
Note: Interested firms can visit BNPM site without any obligation to assess the site conditions.



Schematic of Proposed System (Tentative)

Sketch: 4-corner counting integrated into existing wrapping line of e.g. sheeter no. P25-85/50

**Aim:** All reams (from sheeter and from re-counting) are checked on the automatic 4-corner counting unit on the way to the palletizer  
 To create the space for the 4-corner counting unit the following stations as shown to be moved downstream by approx. 5 m (to be investigated in detail and confirmed)



**BNPM/EOI/CSCM/977/2019-20 DATED 06.01.2020**

**Eligibility Criteria**

**1. Status:**

Applicant should be either Proprietary firm/LLP/Company/Partnership/HUF /Other legal entity/Research Institute registered under relevant regulation of the respective Country.

**2. Experience:**

Applicant should be in the field of manufacturing/automation of counting machines and should have supplied & Installed atleast 01 no. of similar type of mechanism/system.

**3. Financial Standing**

a. Applicant should have not suffered any financial loss for more than one year during the last three financial years ending 31.03.2019. (Document to be submitted: Audited balance sheet and profit & loss statement for FY 2018-19, 2017-18 and 2016-17)

b. Net worth of the applicant should not be in negative as on 31.03.2019 and should not have eroded\* by more than 30% in the last three financial years ending 31.03.2019.

(\*Erosion shall be considered only on account of reported loss in the statement of P&L account, which has led to reduction in capital.)

{Document to be submitted: Audited balance sheet and profit & loss statement for FY 2018-19, 2017-18 and 2016-17}

c. Average annual turnover of the applicant during last three financial years ending 31.03.2019 should be more than Rs. 1 Crore. (Document to be submitted: Audited balance sheet and profit & loss statement for FY 2018-19, 2017-18 and 2016-17)

4. Applicant 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. The copy of audited Balance sheet and Profit & Loss statement for last three financial years ending on 31.03.2019 to be submitted along with the proposal. Self-certified Balance sheet & Profit/Loss statement to be submitted for FY 2018-19 (if not audited).

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.

7. In case of non-receipt of sufficient bids/competent firm against this EOI, BNPM reserves the right to go for open tendering.



**Specimen Response letter for EOI**

Date:

The Deputy General Manager  
Bank Note Paper Mill India Private Limited  
Administrative Building, Paper Mill Compound  
Note Mudra Nagar, Mysuru -570 003  
Karnataka

**Sub: BNPM/EOI/CSCM/977/2019-20 DATED 06.01.2020**

Dear Sir,

We have gone through the above referred EOI and understood your requirements with respect to design, manufacture, supply, installation and commissioning of Camera based sheet counting mechanism

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/HUF/LLP/Company/Partnership/Research Institute and I/We have enclosed the registration certificate issued by the registration authorities as applicable.
3. The average annual turnover for last three Financial Years i.e. 2018-19, 2017-18, 2016-17, or Calendar Years 2019, 2018 , 2017 ( as applicable) is 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.
4. We confirm that we have not suffered any financial loss in more than one year during last three financial years.
5. We confirm that our net worth has not eroded / eroded by ..... % during last three financial years. Our net worth as on 31.03.2019 is not negative.
6. We declare that we have not been black listed/debarred by BNPMIPL/BRBNMPL/SPMCIL/ Government of India for participation in tender.
7. We also enclose our brief profile and list of our major clients for your consideration.



8. 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.
9. We are enclosing copy of English translation of the documents which are not in English.
10. We are enclosing the budgetary offer of the proposed system.

For \_\_\_\_\_

(Name and designation of officer)

Encl:

1. Duly signed EOI
2. Registration certificates duly signed by authorised person.
3. Work order or completion certificate duly signed by authorised person.
4. Audited Balance Sheet, Profit & Loss Statements of last 3 financial years duly signed by authorised person.
5. PAN Card copy and copy of GST registration certificate duly signed by authorised person.
6. Brief profile and list of major clients duly signed by authorised person.
7. Details of proposed system and equipment duly signed by authorised person.
8. Declaration of non-blacklisting as per the EOI duly signed by authorised person.
9. Budgetary offer.

