

CURRENCY NOTE PRESS : NASHIK ROAD

(A Unit of Security Printing and Minting Corporation of India Limited)

Wholly owned by Government of India

Nashik Road - 422 101 (Maharashtra)

Tel: 00 912532454493

Fax: 00 91 253 2464100

Email: (i) CGM.CNP@spmcil.com

Website: www.cnpnashik.spmcil.com

(ii) purchase.cnpnashik@spmcil.com

EOI NO: 18/2022

Date: 30.03.2022

1. Name of the organization: Currency Note Press (A Unit of Security Printing and Minting Corporation of India Limited)
2. Type of the organization: Wholly owned by Government of India
3. Reference No: EOI NO 18/2022
4. EOI Title: Supply, Installation, Testing and Commissioning of Automatic Guided Vehicles used for Transportation of Material along with Automatic Vertical Storage/Retrieval System.
5. Category: Automation
6. Document Fee: Nil
7. Mode of Publication: National Competitive Bidding
8. Date of Announcement: 30.03.2022
9. Last Date of Submission: 22.04.2022

Brief Intent of Requirement:

Currency Note Press (CNP), a unit of Security Printing & Minting Corporation of India Ltd. located at Nashik is engaged in printing of currency/bank notes as per requirement of Reserve Bank of India for central government. The process of printing of currency /bank notes, different printing operations are involved. The raw material required to print the currency/bank notes is paper. The paper is handled at every process of printing manually. The paper received from the stores and will be issued to the different printing and numbering sections for processing and after every stage of printing it is stored in the strong rooms located at different locations. As the said process requires manpower & manual handling equipment's for material movement.

CNP intends to move the material from one section to another section through Automated Guided Vehicle (Forklift Type) for strengthening the security aspects and ease of work. The proposed system should be capable to move the material, track the material and facility for loading and unloading the material at various stations. Also at each section an auto storage and retrieval system needs to be installed.

Description of the complete system:

CNP intends to move the material from one section to another section through Automated Guided Vehicle for strengthening the security aspects and ease of work. The proposed system should be capable to move the material, track the material and facility for loading and unloading the material at various stations. Also at each section an auto storage and retrieval system needs to be installed.

The tentative process flow is described as follows:-

- a. Raw material i.e. paper, is to be withdrawn from stores and delivered to seasoning section. CNP intends to develop an automatic system to send the paper from stores to seasoning section through RGV/AGV/MONO rail etc. Movement of AGV/RGV/Mono rail will be open to sky, firm needs to ensure safe operation during rainy season also. The size of one pallet is 830 x 720 x 970 mm and the pallet contains 15 reams (approx. weight of pallet is 700 Kgs.)
- b. At seasoning section an automatic storage and retrieval system (ASRS) to be built to store min. 7 days of storage. Min. 300 pallets to be stored.
- c. After that the material shall be issued for production and the same shall be transported through AGV's to Block 1. Further at Block 1 the material is issued to different-different machines. Block 1 is having 4-5 machines.
- d. At Block 1 an automatic storage and retrieval system to be built to store min. 7 days of storage. Min. 300 pallets to be stored.
- e. From Block 1 the material is transferred to Block 2 through AGV's.
- f. At Block 2 an automatic storage and retrieval system (ASRS) to be built to store min. 7 days of storage. Min. 300 pallets to be stored.
- g. From Block 2 the material is transferred to Block 3 through AGV's.

h. At Block 3 an automatic storage and retrieval system (ASRS) to be built to store min. 7 days of storage. Min. 500 pallets to be stored.

i. From Block 3 the material is transferred to Block 4 through AGV's.

j. At Block 4 an automatic storage and retrieval system (ASRS) to be built to store min. 7 days of storage. Min. 500 pallets to be stored.

Note: The interested firm may visit site before submission of offer.

The EOI submitted by the firm should cover the following:

a. Detailed technical specifications in details of the proposed facility/system.

b. Detailed project report.

c. Layout and dimensions of the proposed equipment's /system.

d. Customers list and Purchase Order copies of the customers to whom similar kind of equipment/ system have been supplied in the past with details of the equipment/ system and their addresses along with phone, fax and email addresses and performance report from them.

e. Budgetary offer for the proposed system must broadly include taxes/duties FOR Currency Note Press, Nashik basis.

f. Process flow chart.

g. Time required for successful installation and commissioning of the equipment.

h. The participating firm must provide after sales service for 7 years after successful completion of warranty period.

i. The bidder will provide warranty for 3 years and after completion of warranty, CAMC for seven year.

10. Important Instructions to Bidders for submission of the documents:

(a) The interested & experienced bidder should also be required to submit along with Expression of Interest, a list of customers to whom they have supplied such equipment/ systems with details and performance report from their clients.

(b) The participating bidder shall have carried out the similar project in last 3 years ending March 2021. The firm shall provide Purchase Order copies of the customers to whom such equipment/ system have been supplied in the past 03 years i.e. financial year 2018-19, 2019-20 and 2020-21 with details of the equipment/ system and their addresses along with phone, fax and email addresses and performance report from them.

(c) The Participating bidder should give a declaration that they have not been blacklisted or debarred for dealing by Government of India or any Government in the past.

(d) The documents in support of Expression of Interest need to be submitted duly signed by the authorized representative of the applicant with name and designation of the signatory.

(e) The documents in support of Expression of Interest (viz. Supply order details/ Installation Certificates/ Addresses of customers and their contact numbers) need to be submitted duly signed by authorized representative of the applicant.

(f) The principal bidder will have to directly participate in this EOI. Participation of any authorized firm by any principal bidder will not be considered.

11. Procurement Process:

Following are the details of this procurement process:

i. At first, the Expression of Interest is being floated for above mentioned instrument.

ii. The firms intending to participate in the EOI have to present a detailed presentation at CNP, Nashik regarding their offers of equipment/system and the cost for such visits shall be borne by firms only.

iii. After evaluation of the responses received, a Tender will be floated incorporating all the terms and conditions, specification as per buyer's requirement. An Open tender will be floated for active participation of bidders.

12. The Bid shall be submitted in English Language only. The Authenticated copies of the documents in support or applicant's claim may be submitted in English Language.

13. The bidders will be required to give a presentation of the offered equipment/system by them on mutually agreed date after submission of the offer.

14. The bidder / applicant should submit the detailed brochures / leaflets / specification of the system offered.

15. The audited balance sheet and Profit & Loss Account statement for last three financial years ending 31.03.2021 are to be submitted along with the proposal i.e. for 2018-19, 2019-20 & 2020-21.

16. The dully filled details along with supporting documents should be sent in a sealed envelope super scribing "Expression of Interest for Supply, Installation, Testing and Commissioning of Automatic Guided Vehicles used for Transportation of Material along with Automatic Vertical Storage/Retrieval System. The same may be submitted in person or through courier/ registered post/ speed post so as to reach the following address on or before the prescribed date and time:

The Chief General Manager,
Currency Note Press,
Jail Road,Nashik Road-422 101
Maharashtra, India
Phone No. +91 253 2454493, Fax No: +91 253 2464100
Email: purchase.cnpnashik@spmcil.com

Last date and time for receipt of Expression of Interest: 22.04.2022 - 14:30 pm

Date and time of opening of Expression of Interest on: 22.04.2022 - 15:00 pm

Place of opening of Expression of Interest: Currency Note Press, Jail Road, Nashik Road 422 101, Maharashtra, India

(V. KIRAN KUMAR)
JT. GENERAL MANAGER (MATERIAL)
FOR CHIEF GENERAL MANAGER

500 mtrs

Open to sky, rough road

Main Store

Total distance 500 Mts. Approx.

6 mtrs. Road crossing

SEASONING SECTION



GANGWAY

BLOCK V

BLOCK I



GANGWAY

BLOCK IV

BLOCK II



GANGWAY

BLOCK III

54 mtrs.

49 mtrs.

67 mtrs.

32.90 mtrs.

