

# INDIA SECURITY PRESS

(A Unit of Security Printing and Minting Corporation of India Limited)  
Wholly owned by Government of India  
Nashik Road - 422 101 (Maharashtra)

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Date of Issue: 12/10/2023

1. Name of the organization: India Security Press  
(a unit of Security Printing and Minting Corporation of India Limited)
2. Type of the organization: Wholly owned by Government of India
3. EOI Reference No: 38/2023 dated 12/10/2023
4. EOI Title: Expression of Interest: For procurement of New Copper Cylinder engraving machine
5. Category: Non-Security
6. Sub-category: Capital Item
7. Date of Announcement: 12.10.2023
8. Pre-bid conference: The pre-bid conference will be held on 30.10.2023 at 11.00 Hrs IST at ISP. The prospective bidders interested to Submit Expression of Interest are requested to attend the pre-bid conference for clarifications on Technical issues, at India Security Press, Nashik Road. The queries of pre-bid conference, if any, shall reach to CGM, ISP Nashik on or before 27.10.2023.
9. Last date for submission : 1430 Hrs (IST) on 24.11.2023
10. The Chief General Manager, India Security Press, Nashik invites Expression of Interest from experienced and reputed manufacturers for Supply, Installation and commissioning of new copper cylinder engraving machine (electro mechanical/ laser engraving or other advanced technology for preparation of gravure printing cylinder along with quality control/ Inspection system and relevant integrated designing software and hardware setup for processing any digital art work.

## **BRIEF REQUIREMENT:**

- (a) Installation, Commissioning, Testing and Training for one number Copper Cylinder Engraving machine.
- (b) The machine should be capable of handling copperized cylinder having
  - (i) Length of cylinder with shaft=1000 mm to 1400 mm
  - (ii) Length of cylinder without shaft = 500 mm to 900 mm
  - (iii) Diameter= 140 mm to 250 mm
  - (iv) Copper thickness= minimum 1.665 mm
  - (v) Weight of the cylinder = 70 to 100 Kg approx.
  - (vi) Operating Temperature = 18 to 25 degree temperature
  - (vii) Relative humidity for operating = 50-60%

(c) The machine should be capable of engraving copper cylinder for multi colour printing with speed of at least 0.3 sq m per hour. Higher speed will be preferable.

(d) The machine should come with state of the art technology with fully automatic operation and should be able to create cells of various depth (upto 80 microns or more), opening, shape, angle, cell volume, screen (54 to 140 lines per cm or finer) etc.

(e) It should be able to engrave on cylinder surfaces with undulations/ non uniformity of approx. 15 microns

(f) The machine should be equipped with high end quality inspection system that can help the operator to analyse the structure of cell wall, cell depth, cell opening and other relevant parameters.

(h) The machine should be supplied with necessary hardware and software for processing artwork required for executing engraving by engraving machine.

Note:-

(a) The interested bidder should give complete technical literature and detailed drawing of machine offered.

(b) The bidder has to give detailed presentation of the machine and technology offered by them either through VC or in person at ISP Premises.

(c) On discretion of ISP, bidder must allow ISP officials to visit manufacturing site.

(d) The bidder firm may also submit financial standings, experience, past performance, capacity and manufacturing capability of their firm.

#### 11. Pre-Qualification Criteria:

(a) The intending bidders shall submit all technical details, capabilities, and experience for supply, installation, interfacing, testing and commissioning Copper Cylinder engraving machine.

(b) The bidders should give a declaration that they have not been blacklisted or debarred for dealing by Government of India or any Government / PSU/ Reputed organisation in the past.

(c) The documents in support of Expression of Interest need to be submitted duly signed by authorized representative of the company.

(d) The interested bidders should also submit along with Expression of Interest a list of parties to whom they have supplied and installed similar types of "Copper Cylinder Engraving Machine" with details and performance report from their clients.

(e) The interested bidders shall also submit copies of Audited financial statement for the last five years i.e. 2018-2019, 2019-2020, 2020-2021, 2021-2022 and 2022-2023.

12. The bidder should also confirm specifically that:

(a) Applicant is competent and legally authorized to submit and/ or to enter into legally binding contract.

(b) The details Supply and Installation of similar type "Copper Cylinder engraving machine" by them during last five years i.e. 01<sup>st</sup> January 2018 to 31<sup>st</sup> December 2022.

(c) The firm should confirm their annual installed capacity for supply and installation of similar type of "Copper Cylinder engraving machine".

(d) Applicant will absolve the purchaser against any infringement of patent rights and other contract provisions.

13. The duly filled details along with supporting documents and budgetary offer(s) with respect to supply installation, testing and commissioning of "Copper Cylinder engraving machine" should be sent in a sealed envelope superscribing Expression of Interest for "Copper Cylinder engraving machine".

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 as under:

The Chief General Manager,  
India Security Press,  
Nashik-422 101  
Phone No 0253 2402219, 0253 2402435  
Fax No 0253 2462718  
Email: [purchase.isp@spmCIL.com](mailto:purchase.isp@spmCIL.com)


Last date and time for receipt of Expression of Interest: 24.11.2023  
at 1430 Hrs. (IST)

Date and time of opening of Expression of Interest at 1500 Hrs. (IST)  
on 24.11.2023

Place of opening of Expression of Interest

India Security Press,  
Nashik Road 422 101  
Maharashtra, India

14. Delay due to postal/Courier etc, will not be entertained. Expression of Interest received after the due date and time will be rejected.

  
Jt. General Manager (M) *MSJ*  
for Chief General Manager  
India Security Press,  
Nashik Road