

INDIA SECURITY PRESS

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

Wholly owned by Government of India

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Date of Issue: 18.11.2025

1. Name of the organization: India Security Press, Nashik (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: 03/EOI/2025 dated 26.10.2025.

4. EOI Title: Expression of Interest for **“Supply, Installation, Testing commissioning of 01 No of 100 Watt CO2 Laser Gun with its complete control system with integrations of existing machine hardware & software for Sheet Fed Micro Perforation Machine in DSB section at India Security Press, Nashik Road, Maharashtra-422101.”**

5. Category: Non-Security

6. Sub-category: Capital Item

7. Date of Announcement: 18.11.2025

8. Pre-bid conference: The pre-bid conference will be conducted on 28/11/2025 at 11.00 Hrs IST. 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 26/11/2025.

9. Last date for submission: 14:30 Hrs (IST) on 17/12/2025.

10. The Chief General Manager, India Security Press, Nashik invites Expression of Interest from firms for the **“Supply, Installation, Testing commissioning of 01 No of 100 Watt CO2 Laser Gun with its complete control system with integrations of existing machine hardware & software for Sheet Fed Micro Perforation Machine in DSB section at India Security Press, Nashik Road, Maharashtra-422101.”**

The Concise Scope of Work for the Brief requirement of ISP for “Supply, Installation, Testing commissioning of 01 No of 100 Watt CO2 Laser Gun with its complete control system with integrations of existing machine hardware & software for Sheet Fed Micro Perforation Machine in DSB section at India Security Press, Nashik Road, Maharashtra-422101” are as under:

A) Broad Scope of Work:

a) Supply of the Complete Laser Gun along with power source and its control system :-01 no

b) ITC of the Laser Gun with its control system.: Qty: 01 AU The firm will to install the Laser Gun with its control system on our machine and do the integration with

the existing control system. The firm will have to give on load trial of supplied system.

SCOPE OF WORK:

- i. This is a turnkey basis job, only supply will not be acceptable.
- ii. The firm must have to installed the Laser Gun with its control system assembly with integration of control system and software development as per machine requirement of our machine.
- iii. It should be a complete SITC work with On Load and No-load trials for min. 07 working days.
- iv. All incoming and outgoing power as well as control wiring shall have terminal ferrules. As per drawing Electrical designation Labels to each relay, Connection TB, MCB, contactors etc.
- v. Bidder has to specify the exact make of Laser Gun, power supply, control system. They should attach the system schematic, circuit diagrams, control system details, manuals etc. along with the quotation.
- vi. The firm will have to give a complete solution with required hardware, software Integration with our existing machine control system. If any changes required the firm will have to arrange the, power supply, I/O units, data cables, Rotary encoder/incremental encoder, Connectors, interfacing equipment's/switchgears etc as required, to integrate the system and to suit all the functional requirements of the machine.
- vii. To ensure and understand the operation and interfacing of existing Laser System.
- viii. Preparation of working drawings, detailed specification fully illustrating the entire project. Providing complete support / guidance in commissioning of control system of Laser micro perforation machine.
- ix. Complete SITC works of Electrical, Mechanical and other related works against Installation, interfacing and Commission to Final acceptance certification and handing over as per schedule.
- x. Ensure that the work is executed and completed within the specified period and total system is successfully commissioned.
- xi. Ensure complete compliance with the drawings, technical specifications and various requirement of the contract Documents.
- xii. Ensure Correct Measurement of Bill of Quantities as per Tender and Recommend payment.
- xiii. Ensure that the entire process is carried out in such a manner that existing production is not hampered.
- xiv. Preparation of system manual with detailed drawings including electrical drawing and appropriate maintenance schedule.

Terms & conditions of SITC job:-

- i. This is SITC job and only supply of material will not be acceptable. The new system must be interfaced with old system of machine. The offered/developed program shall match to our machine requirement/functional requirements in all respect.
- ii. The firm will have to confirm that, they will be able to provide after sales services for next 10 years as and when required by ISP.
- iii. The firm will have to depute their engineers for the installation, testing, commissioning and training of the supplied Laser Gun with its control

- system along with all auxiliary and integration in place of existing old relays, contactor logic system by removing the old system.
- iv. After completion of the work, the firm will have to provide three copies of Drawings, circuit diagrams, fault finding list, detail spare Parts list, machine program and Operating software (as the case may be) in English language in soft and hard copy format.
 - v. Since the existing machine on which the above system is required, has heavy production load, the firm will have to complete all the works, within minimum time to ensure minimum shut down period.
 - vi. The firm will have to give one-year warranty of the offered material and workmanship.
 - vii. The firm's Engineer will have to give necessary installation and parameter loading complete training to our maintenance Engineers.
 - viii. The firm will have to give on load and no-load trials for min. seven working days to ISP satisfaction to ensure optimum performance of the new system installed.
 - ix. Before submitting the quote, the firm must visit ISP with prior intimation to see the exact application, requirement, to access the scope of work to avoid any ambiguity at later stage. The offer of the firm will not be considered for evaluation if firm has not visited the site prior to submit the offer.
 - x. This is the development tender ,if the firm fail to successful the ITC job work ,the firm restore the existing system as its original condition and give the trial of old system.
 - xi. ISP will have to carry out the works on ISP's working Days from 8.00am to 5.00 PM however, ISP reserves the right to permit the works during silent hours/lunch hours or Sundays/Holidays.
 - xii. The firm and their Team of manpower will have to follow all the fire, Safety and Security regulations of ISP's Safety Department and CISF. They have to submit the PVR copy for entry permission preparation.
 - xiii. PAYMENT:-Payment for the SITC work will be 100 % against completion of the work in all respect and after taking On Load trials of the machine for 07 working days.

C) Pre-Qualification Criteria:

- (a) 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.
- (b) The documents in support of Expression of Interest need to be submitted duly signed by authorized representative of the company.
- (c) The bidder shall be a manufacturer of Laser Control System for at least last three years and supplied & commissioned Laser Control System with the same or higher specifications of at least one number in last three years ending on "31.03.2025". At least one number of the product offered for supply should be in successful operation for at least one year on the date of bid opening. The bidder should provide the documentary evidence for the same.
- (d) The interested bidders shall also submit copies of Audited financial statement for the last Five (05) years i.e. 2020-2021, 2021-2022 and 2022-2023, 2023-2024, 2024-2025.

D) 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 firm should confirm their annual installed capacity for SITC of 100 Watt CO2 Laser Gun with its complete control system with integrations of existing machine hardware & software for Sheet Fed Micro Perforation Machine.

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

E) The duly filled details along with supporting documents and budgetary offer(s) with respect to Galvo Scan Head with after sales services for next 10 years as & when required at India Security Press, Nashik.

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@spmcl.com

Last date and time for receipt of Expression of Interest: 16/12/2025 at 14:30 Hrs. (IST)

Date and time of opening of Expression of Interest at 15:00 Hrs. (IST) on 16/12/2025.

Place of opening of Expression of Interest

India Security Press,
Nashik Road 422 101
Maharashtra, India

F) 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 (TO)/Purchase
For Chief General Manager
India Security Press,
Nashik Road-422101