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)

Tel: 00 91 253 240 2319/2419

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Website: www.spmcil.com

Date of Issue: 27.10.2024

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	EOI No. 17 dated 27.10.2024
4.	EOI Title	Expression of Interest for "Procurement of Mono-colour Digital Printing Machines" (Qty.:5 Nos.).
5.	Category	Non-Security
6.	Sub-category	Capital Item
7.	Date of Announcement of EOI	27.10.2024
8.	Pre-bid conference	The pre-bid conference will be conducted on 13.11.2024 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 ISP Nashik (either through e-mail/surface mail) on or before 09.11.2024 06.00 PM. Bidders willing to attend/join this pre-bid conference, shall inform, through e-mail (before 09.11.2024 06.00 PM) enclosing therewith the scan copy of ID proof doc. of all the officials/persons visiting ISP-Nasik. This is must in order to issue necessary gate passes.
9.	Last date for submission:	1430 Hrs (IST) on 13.12.2024
10.	Date of EOI Opening	1500 Hrs (IST) on 13.12.2024

11. The Chief General Manager, India Security Press, Nashik invites Expression of Interest from firms for "Procurement of Mono-colour Digital Printing Machines (Qty.:5 Nos.)".

12. The Concise Scope of Work for the Brief requirement of ISP for "Procurement of Mono-colour Digital Printing Machines" is as under:

> The brief technical spec. of requirement is attached with this EOI notice as "Annexure A: Tech. Spec. for Mono-colour Digital Printing Machines".

13. 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 / authorized supplier of similar type of Mono-colour Digital Printing Machines for at least last three years and has successfully supplied, installed & commissioned similar type of Mono-colour Digital Printing Machines with the same or higher specifications of at least one number in last three years ending on "31.03.2024". At least one number of the product offered 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., 2019-2020, 2020-2021, 2021-2022, 2022-2023 and 2023-2024.

14.   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 supply and installation of similar type of 'Mono-colour Digital Printing Machines'.

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

15.   The duly filled details along with supporting documents and budgetary offer(s) with respect to 'Mono-colour Digital Printing Machines'.

16.   Budgetary offers shall clearly mention price of each offered machinery. Prices of additional features (if any), shall be indicated separately.
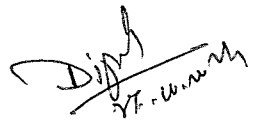
17.   The above may be submitted (in a sealed/closed envelop mentioning the name, no. & date of this EOI) in person or through courier/ registered post/ speed post so as to reach the following address on or before the prescribed date and time as under:

The Chief General Manager,
India Security Press,
Nashik Road -422 101.
Phone No 0253 240 2319 / 2419
Email: purchase.isp@spmcil.com;

Place of opening of Expression of Interest: India Security Press,
Nashik Road, Pin-422 101.
Maharashtra, India.

18.   Delay due to postal/Courier etc, will not be entertained.

19.   Expression of Interest received after the prescribed due date and time will be rejected.

Addl. General Manager (M)
for Chief General Manager
India Security Press, Nashik Road

Annexure A: Technical Specifications for Mono-Color Digital Printing Machines

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1. Printing Capabilities:

Type: Mono-Color Digital Printing Machine, Technology: Laser

Duplex Printing: Yes, capable of automatic double-sided printing.

Speed: Minimum 288 pages per minute (PPM) or higher.

Resolution: 1200 x 1200 DPI for high-quality, crisp text and graphics.

printability aspects: Must be able to print on specialized security paper with watermark, fluorescent fibers, and chemical sensitivity. Capable to print on preprinted base stock.

2. Paper Handling:

Media Types: A3, A4, and custom sizes.

Paper Weights: 80 GSM to 120 GSM, suitable for both standard pages and cover pages.

Multiple Feeder Trays: Minimum 6 feeder trays to handle various paper types and sizes.

Inserter Unit: Integrated inserter with multiple trays for document collation, capable of handling envelopes and other inserts.

3. Finishing and Binding Attachments(Ancillary attachments):

Centre Pinning/Stapling Unit: Capable of stitching or pinning booklets along the centerline.

Saddle Stitching: Integrated saddle stitching unit for booklet creation.

Centre Folding Unit: For booklet formation, folding printed sheets at the center.

4. Software Features & Connectivity and Workflow Management: Job workflow is given in annexure B for software development purpose only.

SFTP Connectivity: Secure transfer of print jobs.

Variable Data Printing: Capable of personalized data printing with security protocols in place.

QR Code and Barcode printing: For document tracking and security.

Data Handling Software: Integrated software to manage encrypted data files from agency (ISP Customer)

Print Management Software: Capable of automating print jobs, managing large-volumes, and offering real-time job tracking.

Integration: Compatibility with existing digital systems for seamless workflow.

This comprehensive specification will serve as the basis for the procurement process. Depending on the outcome of the EOI, the financial implications will be assessed, and further tendering and procurement actions will follow as per the guidelines.
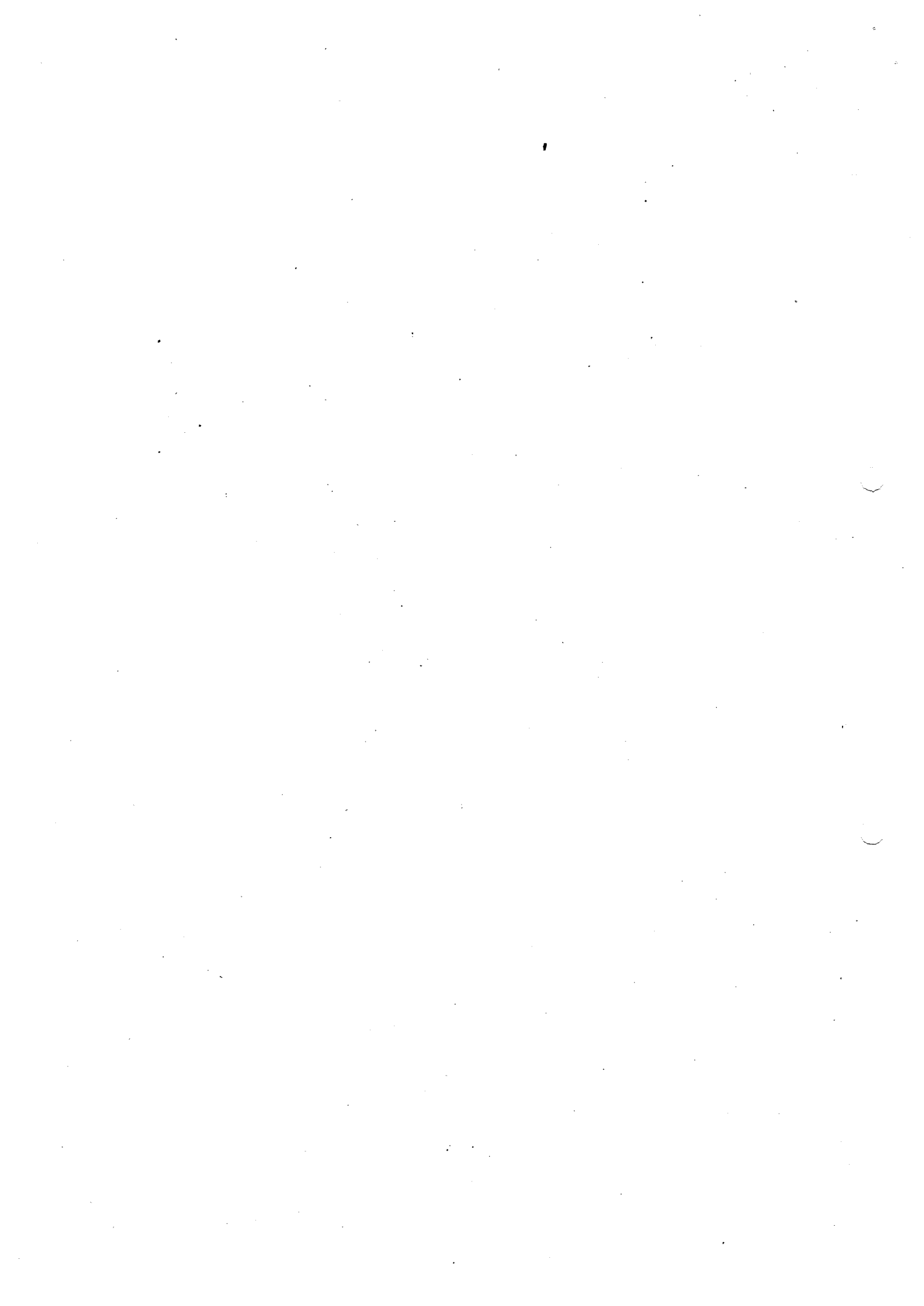
Annexure B

Print-to-Post Process Workflow Chart for Policy Bonds handling.

1. Data Transfer & Handling

Step 1: Agency prepares encrypted print files.

Step 2: Secure data transfer via SFTP to ISP's server.

Step 3: ISP decrypts the data for job processing.

2. Job Management

Step 4: Job assigned using the Job Management System

Step 5: Personalization process begins with Variable Data Printing (VDP) for policy details, barcodes, and QR codes.

3. Base Stock Printing

Step 6: Base stock paper with security features .

Step 7: Printed base stock is ready for personalization.

4. Personalization

Step 8: Personalization data is printed onto base stock using Digital Printing Machines.

Step 9: Duplex printing completes policy bond preparation.

5. Cutting, Stitching & Envelope Insertion

Step 10: Documents cut to A3 size with Cutting Machines.

Step 11: Assembled using Saddle Stitch Machines.

Step 12: Inserted into weather-resistant envelopes with two windows using Envelope Insertion Machines.

6. Barcode & Dispatch

Step 13: Barcode/QR code generated for tracking.

Step 14: Documents prepared for dispatch via India Post (Speed Post).

Step 15: Track shipments through the Courier Integration System.

7. Reporting & Monitoring

Step 16: Monitoring via Centralized Dashboard to track job progress.

Step 17: Weekly progress reports submitted.

Step 18: Secure backup of policy data completed.

This workflow highlights the end-to-end steps from data transfer to dispatch of policy bonds. Each phase ensures that data is securely managed, printed, personalized, and delivered to policyholders efficiently.