



भारत सरकार टकसाल
INDIA GOVERNMENT MINT

भारत प्रतिभूति मुद्रण तथा मुद्रा निर्माण निगम लिमिटेड की एक इकाई
A Unit of Security Printing & Minting Corporation of India Limited
भारत सरकार के पूर्ण स्वामित्वधीन Wholly owned by Government of India
A Miniratna Category-I, CPSE

CIN U22213DL2006GOI144763

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No. IGMN-14/112/2026-IGMN-TECH-IGMN

Date: 06.08.2026

INVITATION FOR “EXPRESSION OF INTEREST (EOI)”

Invitation for submission of Expression of Interest to explore the indigenous design, development, manufacture, installation, and lifecycle support of automated coin packaging lines within India, through CMTI, IITs and CSIR labs Only.

1.	Name of the Organization	INDIA GOVERNMENT MINT, NOIDA (A unit of SPMCIL)
2.	Type of the Organization	Public Sector Undertaking (wholly owned by Government of India), Miniratna Category-I CPSE
3.	Reference No.	IGMN/EOI/Packaging lines/84237/2026-2027
4.	EOI Title	To explore the indigenous design, development, manufacture, installation, and lifecycle support of automated coin packaging lines within India, through CMTI, IITs and CSIR labs Only.
5.	Category	Service
6.	Sub-Category	-----
7.	Date of Announcement	07.08.2026
8.	Last date for submission	21.08.2026 up to 03:00 P.M.
9.	Broad description of work	Attached – (Annexure – A)
10.	Pre-qualification criteria	Eligible only for CMTI, IITs and CSIR labs Only
11.	Bid documents: (if any)	Prescribed format available on our website https://igmnoida.spmcil.com/en/latest-tender/
12.	EOI Should be submitted to	The Chief General Manager, India Government Mint, D-2, Sector-1, Noida, District Gautam Buddh Nagar, Uttar Pradesh – 201301 INDIA.

Future amendment/ revision of this EOI, if any, shall be published/ posted in our website & CPP Portal only. Hindi version & further details of this advertisement are available at our site <https://igmnoida.spmcil.com/en/latest-tender/>.

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.
- This EOI is issued without any obligation or commitment.

(Sanjay Kumar Gupta)
DM (Material) & Material Head
For Chief General Manager

INTRODUCTION

IGMN/EOI/Packaging lines/84237/2026-2027

India Government Mint, Noida a unit of Security Printing & Minting Corporation of India (SPMCIL - a Miniratna Category-I Central Public Sector Enterprise (CPSE), and wholly owned Schedule 'A' company. Under the administrative control of Department of Economic Affairs, Ministry of Finance, Government of India.

India Government Mint, located in Noida, Dist. Gautam Budh Nagar, in the state of UP (bordering the capital of India i.e. Delhi) is established in the year 1988 with the Annual production capacity of 2000 million pieces of coins. It is the most modern Mint with the Coining presses from Schuller, Germany producing Ferritic Stainless-Steel coins, Cupro-nickel coins, Bi-metallic coins etc. India Govt. Mint, Noida is an ISO 9001:2015, ISO14001:2015, ISO 45001:2018 and ISO 50001:2018 certified plant. It manufactures circulating coins of denominations Re 1, Rs 2, Rs 5, Rs 10 and Rs.20 for Reserve Bank of India. Apart from meeting the indigenous demand, the Mint has produced coins for other countries also e.g. Thailand and Domenic Republic during past years.

OBJECTIVE AND SCOPE OF THE EXPRESSION OF INTEREST

To promote the Government of India's "Make in India" and "Atmanirbhar Bharat" initiatives, The objective of this Expression of Interest (EOI) is to identify and shortlist capable research/academic institutions possessing the requisite design, engineering, automation, and manufacturing capability to indigenously develop high-speed automated coin packaging lines comparable to, or better than, the existing imported systems, ensuring complete national self-reliance in minting automation. The successful partner will design a robust, indigenous automated line capable of receiving loose circulation coins, counting them, and packaging them into secure bags/sachets, for eventual deployment at India Government Mint, Noida and other Mints under SPMCIL.

BROAD DESCRIPTION OF WORK

IGMN/EOI/Packaging lines/84237/2026-2027

DESIGN, DEVELOPMENT, MANUFACTURE, SUPPLY, INSTALLATION AND COMMISSIONING A STATE-OF-THE-ART AUTOMATED COIN PACKAGING LINES FOR INDIA GOVERNMENT MINTS.

TECHNICAL REQUIREMENTS & BENCHMARKS

The envisaged automated coin packaging line is expected to cover the following functional stages, either as a complete integrated line or as discrete modules that can be integrated with existing infrastructure:

Operating Speed: Continuous processing capability of upto 10,000 coins per minute (collectively for all counters) in Big Bag and upto 3500 coins per minute from individual counter (for individual counter). Machine must be designed to pack minimum 25 coin per small pouch and also it must be designed to make 100 or more such small pouches per minute collectively for all individual counters)

- **Coin Feeding System:** Automated heavy-duty hopper and elevator mechanisms to handle bulk circulation coins of Re 1, Rs 2, Rs 5, Rs 10 and Rs 20 denomination respectively.
- **Counting:** High-speed, high-precision electronic counting modules with non-destructive defect detection. Counter must be designed to handle heavy load of coins (i.e. from 3 g to 9 gms) and also to handle coins in diameter ranging from 14mm to 39 mm and thickness ranging from 0.08 mm to 3.9 mm.
- **Primary Packaging:**
 - a) Sachet-packing coins into precise, predetermined batch counts at the rated speed.
 - b) Heavy-duty polymer/matrix film handling to support heavy coin weights (up to 20 kg per bag).
 - c) Automatic bag sealing, tamper-evident sealing.
 - d) Labelling / barcode / QR-code marking and printing for traceability (batch, date, denomination, mint mark)
- **Secondary Packaging:** Automated boxing/ bagging or cartooning of packed coins.
- **Automation, Printing & Security**
 - a) Programmable Logic Controllers (PLC) with industrial HMI touchscreens.
 - b) Online thermal printing for batch numbers, dates, denominations, and barcodes.
 - c) Integrated check-weighing systems with automatic reject gates for underweight/ overweight packets.
 - d) Data logging capabilities for integration with ERP systems.
 - e) Safety interlocks, fault diagnostics, remote monitoring and predictive maintenance features.
- **Integration:** Seamless PLC/SCADA-based control system with HMI, integration with existing Schuler coin presses and with Mint's production monitoring/MIS and ERP systems.
- **Quality Control:** Vision inspection systems to verify pack weight, sealing integrity, and count accuracy.
- **High Throughput:** Continuous, high-speed operation suitable for 24/7 industrial minting environments.
- **Durability:** Heavy-duty construction to withstand the weight and abrasive nature of metallic coins.
- **Accuracy:** Zero-error counting and sealing reliability. (high accuracy, e.g. 99.99%+).
- **Safety:** Compliance with Indian industrial safety standards (IS/ISO norms)
- Data logging, reporting, and audit-trail generation for regulatory and reconciliation purposes.

INSTRUCTION TO INSTITUTIONS

IGMN/EOI/Packaging lines/84237/2026-2027

Institutions (CMTI, IITs and CSIR labs Only) may also indicate capability for allied requirements such as reverse-engineering/ retrofitting of existing imported lines, indigenization of spares and consumables, AMC/CMC support, and training of Mint personnel.

1. Intellectual Property, Patents, and Technology Transfer

- **IPR Ownership:** All Intellectual Property Rights (IPR), patents, designs, copyrights, and software source codes generated during the development of this project must lie exclusively with India Government Mint, Noida/SPMCIL.
- **Technology Transfer:** The selected vendor/institute must provide a complete Technology Transfer (ToT), including detailed engineering drawings, schematics, manufacturing blueprints, and operational manuals to India Government Mint, Noida (SPMCIL).
- **Exclusivity:** The developer shall have no right to commercialize, license, or replicate this technology for any third party without explicit written permission from IGM Noida.

2. Submission Requirements

- **Conceptual Approach:** A brief write-up, block diagram, or presentation on how they intend to develop the indigenous system.
- The illustrated details mentioned above is larger **scope of work**. In order to understand explicit details of activity, interested institutions **may visit India Government Mint Noida** for assessing.
- Interested participants need to submit the entire **Scope of work**, approximate **Cost of the development (Budgetary Quotation)** of proposed machine with necessary timeline for completion of the project.
- Participating firms are to submit their proposals in presentation form.

CREDENTIAL OF INSTITUTION

IGMN/EOI/Packaging lines/84237/2026-2027

Institutions (**CMTI, IITs and CSIR labs Only**) are requested to submit the following information/documents along with their response:

- 1) Company/Institute profile, including year of establishment, legal status (Company/LLP/ Partnership/Proprietorship/Institute), registered office & factory address, Udyam/GST/ CIN etc. details as applicable.
- 2) Details of design, engineering and manufacturing infrastructure, including in-house testing, fabrication, and quality assurance facilities.
- 3) Track record of design/development/supply of similar automated packaging, counting, filling, sealing, or palletising systems, with client list, photographs, and performance details (if any), for the last 5 years.
- 4) Details of any existing collaboration, licensing, or technology transfer arrangement with foreign OEMs in this domain, if applicable.
- 5) Technical competencies available in-house — mechanical design, PLC/SCADA programming, servo/motion control, vision-based inspection, weighing systems, etc.
- 6) R&D capability and willingness to undertake a proof-of-concept (PoC) / pilot development in collaboration with IGM Noida.
- 7) Any relevant certifications (ISO 9001, ISO 14001, CE, etc.) held by the firm/institute.
- 8) A broad approach note (maximum 5 pages) on how the Respondent proposes to indigenously design/develop a coin packaging line comparable to the existing Bosch/Scan Coin systems, including an indicative timeline and broad cost range, where feasible.
- 9) Contact details of the authorized representative — Name, designation, email, and mobile number.
- 10) Any other relevant information.

**Seal & Signature of
authorized signatory**

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