
Sub : Expression of Interest (EOI) for the Procurement of “Materials Printer with Accessories”

Ref. No. : CBMR/ PUR/ 1170/ 2025

Dated: 04.12.2025

This Expression of Interest (EOI) invites applications from the reputed OEMs (original equipment manufacturers) for the procurement of “Materials Printer with Accessories” by the Centre. Main features of the instrument as follows:

Requirement of Materials Printer with Accessories

System should be capable to print different components of an electronic biosensor that includes conductive electrodes, semiconductor & dielectrics layers, polymers for encapsulations and biomolecules for surface functionalization.

Features:

- Printer with Integrated Camera and computer system for drop and print vision, drop analysis capabilities.
- Capable to print aqueous/solvent based materials used to fabricate printed electronics chips and their encapsulation.
- Maximum Substrate Size: 200mmx300mm or bigger.
- Stage repeatability: $\leq 25 \mu\text{m}$.
- Ink Viscosity Range between: 4-16 cp or wider.
- Droplet Size Between: 2.4 pL – 30 pL.
- Printed feature Size between: 20-50 μm .
- UV Curing and heating capability during printing.

General information / conditions / instruction to prospective bidders:

The scope of work includes the supply & installation of “Materials Printer with Accessories”. Firms having done similar work can apply along with documentary evidence for work done in the past in government / private sector. The firm should also meet other criteria given below and is required to submit all supporting documents relating to the credentials / technical capabilities / financial standings and track along with their EOI as follows.

- a) Name of the firm with their constitution/proprietorship/partnership details etc. with the date of establishment/registration. Please submit the Articles of Association with the application.
- b) List of similar equipment supplied successfully in the last 5 years in Government research labs, other Government organizations and to Private Agencies along with brief details of the work. Enclose relevant document / certificate to ascertain the satisfactory completion of the work / service provided.

- c) List of employees in the firm, who will take up the requisite job/service listed above, their area of expertise and nature of their work in last five years.
- d) The list of work in hand, nature of work, cost, date of start and competition with present progress and the contact details of the clients.
- e) Proof of Turnover certified by a Chartered Accountant.

Applications in response to this EOI should be submitted in a sealed envelope, superscribed "Expression of Interest (EOI) for Procurement of Materials Printer with Accessories" addressed to the Director, Centre of Biomedical Research (CBMR), SGPGIMS Campus, Raebareli Road, Lucknow- 226014 (UP) positively by 20.12.2025 by 3.00 p.m. The offer shall be opened on the same day at 3.30 p.m. There is no need to quote the price at this stage.

“A Technical Committee, constituted by the competent authority shall evaluate the applications and short list the firms for further proceedings. Short listed firms shall be invited for the technical presentation / discussion scheduled on a suitable date, which would be communicated to concerned firms”.

If any information furnished in the application is found incorrect at a later stage, the firm shall be liable to be debarred from participation/taking up work in CBMR. CBMR reserves the right to verify the particulars furnished by the applicant independently. CBMR reserves the right to reject any application without assigning any reason.

ADMINISTRATIVE OFFICER