

DELHI TECHNOLOGICAL UNIVERSITY
DEPARTMENT OF APPLIED PHYSICS
BAWANA ROAD, DELHI-110042

Date: 23/12/2025

NOTICE INVITING QUOTATIONS

Sealed Quotations on the company's letterhead with GSTIN no. are invited for the procurement of a Spin Coater in the Advanced Material and Devices Laboratory (AMDL), Applied Physics Department, with the descriptions mentioned below. The sealed quotations can be submitted to the HOD office of the Department of Applied Physics, DTU, by January 4, 2026.

S.No.	Description of item	Qty. required
1	SPIN COATER:- TECHNICAL SPECIFICATION:- <ul style="list-style-type: none"> ➤ User Interface : 20 x 4 Line Alpha-numeric LCD and 16 button keyboard ➤ Actuator : Brushless DC servo motor ➤ Program Memory : 9 programs with 9 steps for each program Speed Profile : Speed, Duration and acceleration Spin ➤ Resolution : 1 RPM Speed ➤ Accuracy : +/- 1 % Acceleration / Deceleration : 10 - 2000 rpm / s (Ramp & dwell time can be indirectly set by entering acceleration) ➤ Duration : 1 - 99 sec / min / hr for each step Sample Chucks : 3 Nos. (25 mm, 32 mm & 45 mm) ➤ Maximum Sample Diameter : 100 mm ➤ Minimum Sample Diameter : 13 mm Bowl ➤ Material : Polypropelene Bowl ➤ Size : 8 inches Transparent lid with sample dispensing port Drainage hose ➤ Safety interlock to prevent spinning when the bowl is open ➤ Sample Holder : PTFE disk with silicon rubber O ring Sample ➤ Mounting : Secured by vacuum holding ➤ Vacuum Connector : 8 mm dia Snap-in hose connector N₂ Purge ➤ Connector Vacuum pump On / Off and release ➤ Switch Dimension (mm) : 400 (L) x 275 (W) x 350 (H) AC Input : 230 V ➤ Maximum power consumption : 260 W (with vacuum pump) ➤ UV light source : 5 mm LED ➤ Wavelength range : 365 - 395 nm Curing time : 1 - 99 sec / min / hr ➤ Automatic in-bowl curing immediately after the spin process ➤ Chuck diameters: 14 mm, 22 mm, 36 mm (Outer diameter of the O ring) ➤ UV Curing Option by LED - Wavelength: 365 nm Inlet and outlet for Inert Gas Purging, 6mm tubing Accessories <ul style="list-style-type: none"> ➤ Mechanical Clips 	1

Bharti Singh
Dr. Bharti Singh
 (AMDL Lab In-Charge)

Vinod Singh
Prof. Vinod Singh
 Head, Department of Applied Physics