

Annexure – I

TECHNICAL SPECIFICATION FOR THE PROCUREMENT OF SCREEN PRINTER

S.NO	SPECIFICATION		COMPLIED/NOT COMPLIED	REF.PG.NO
1	Max Substrate Size	350 mm X 250 mm		
2	Stencil Frame Size	300 mm X 220 mm		
3	Squeegee Length	300 mm		
4	Squeegee Pressure	variable between 0 - 15 kg with manual dial control in ~ 0.1kg		
5	Squeegee Speed	0 – 100mm/sec		
6	Print table size	295 mm X 210 mm		
7	Power Input	230V,50Hz,0.5KW		
8	Substrates	Rigid (Glass) & Flexible (PET)		
9	Substrate Thickness	0.5 to 0.7 mm (ITO coated Glass) 100 to 500 microns (PET substrates)		
10	Print Table adjustment	Front to Back: +/-10mm, Right to Left: +/-10mm,		
11	Repeatability	+/-0.02mm		
12	Positioning System	Pin Positioning		
13	Printing Accuracy	+/-0.02mm		
14	Compressed Air Requirement	4 to 7 Kg/cm ²		
15	Mode	Manual (Pedal Type)		
16	Alignment type	Contact fingers		
17	The system should demonstrate to screen printing of silver paste			
ADDITIONAL TERMS AND CONDITIONS				
18	Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods.			

Optional Item			
19	For control the system should come with a stand-alone computer/laptop alongside.		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number / or make & model number (comply/not comply) for the above points with document proof as required. Failing which bidders will be technically disqualified)