

## PACKAGE-8

TENDER- 1/2017-18

NAME OF BRANCH:- PRINTING TECHNOLOGY  
 NAME OF LAB:- PRINTING TECHNOLOGY LAB

S.No	Equipment Description	QUANTITY/UNIT REQUIRED	BID RATES OF EQUIPMENT PER UNIT(Rs.)	APPLICABLE RELEVANT TAXES PER UNIT(Rs.)	TOTAL COST OF EQUIPMENT PER UNIT(Rs.)
1	PHOTO POLYMER PLATE MAKING EQUIPMENT - (FOR FLEXTON 4 IN ONE) :Consist of Exposure Unit + washout unit + drier unit + UVC treatment unit, With High intensity Lamp (with lamp cooling), Auto Temp Control, Reproduction should be less than 200 lpi 1%, Machine size 110X90X100cm, Crate Size 105X100X10cm.	1			
2	PRINTING DOWN FRAME (AUTOMATIC):Printing down units with built in meatal hallie light source & vacuum pump, rotating plate holder, exposure control timer, exposure control start/lamp on off device, vaccume control device.	1			
3	Computer to Plate Imaging System (CTP): PLATESETTER:148 -208 pages plates/hr. at 1200 -2400 dpi, Non assisted manual plate feed, AM screening upto 200 lpi., 6 resulation std.upto 2540 dpi PROCESSOR: Violet Photopolymer Plate with chem free conversion kit, Plate width :680 mm approx., Length: 274 mm.approx, Plate thickness : 0.15 to 0.3 mm., Processing speed :40 to 140 cm/min., Tank capacity : 17 ltr.approx, Temp. range :70- 140 C ,temp range (developer) :20- 40 C, Dimension : 195x108 x101-110 cm.	1			
4	Two color/Perfector offset Printing Sheet Fed Machine: Capable of EITHER TWO COLOUR ON ONE SIDE OF THE PAPER OR SINGLE COLOUR ON BOTH SIDES OF THE PAPER, SIMULTANEOUSLY.Size Max: 485mm X 660mm, Mini: 290mm X 310mm (two Col. Printing), :310mmX310 perfecting, Paper 40GSM to 350 GSM, Max Paper Thickness(not less than):0.44mm, NIP Safety device between Plate& Blanket Cylinder, Plasma coated Plate Cylinder for long service life, Tungsten Carbide Coated Grippers & Gripper Pad Bearing surface for long service life, Infra Red Drier with anti setoff spray unit, with Stabilizer 3Phase 380/415 50 HZ 10 KWA	1			
5	Semi automatic Screen Printing m/c with stainless steel vacuum bed :Print area : 15"x20" (38.1 x 50.8 cm) Max Substrate thickness : 5to7 mm., Micro registration system :±0.01 mm (with allied equipments, exposure unit, coating unit,pneumatic stretching unit and retouching table)	1			




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6	Two Colour Flexographic Printing Machine :500mm Capacity with 10" repeat size stereo rollers with 1 HP Hot air blower, with 200 mesh screen and anilox roller with 2 HP AC drive with its motor and control with mechanical brake at unwind & mechanical clutch at rewind with web guiding system at unwind with its power pack, sensor, hydraulic cylinder and digital tempreature controller with 1 HP blower, DOL inter locked, line speed 100mpm , with simplex unwind & rewind suitable for 76mm core ID & can withstand 00kg of reel weight,with auto tension controle unit.	1			
7	Electronic tester for tensile Strength :Microprocessor based digital display ,variable speed control,electronic sample compress detection,difflection range : 100 mm, LC: 0.01 mm.	1			
8	2 Colour Rotogravure Printing machine : 24" (600mm) Capacity Model-600S2" with 6kw capacity heating chamber with 1HP high pressure blower, Manual rubber roll impression system with cylinder shaft & simplex unwind & rewind with mechanical shaft suitable for 76mm core ID can withstand 600mm dia roll.	1			
9	Book Sewing Machine : The Sewing machine should sew signatures which have been gathered in order already to form book blocs. It can be used for paper backed books or hard backed books as well. The machine is available in two versions : 1. With mechanical Clutch. Technical Data : Largest size of book: 420x250 MM, Smallest size of book: 115x100 MM, Speed : Up to 70 section per minute.	1			
10	Perfect Binding Single Clamp Machine : Clamping: Mechanical, Spine gluing: Three Roller, Side Gluing: Separate, Temp. Control: Digital, Spine length (Minimum):70-430mm, Spine Thickness (Minimum): 2mm-60mm, Speed 550 cycles/hour, Controls: Electro mechanical	1			





FULL SIGNATURE OF BIDDER WITH SEAL