

SPECIFICATION OF PC SHEET CUTTING & PUNCHING MACHINE

Sl No	Specification
	INPUT - P C SHEET (1 m x 1m).
	OUTPUT - PC Discs of following dimensions without hole Round Shapes Dia 36 mm, 44mm, 54 mm Square shapes 25 mm x 25 mm, 22 mmx 22 mm, 35 mmx 35 mm PC Disc of following dimensions with hole Round shapes Dia 36 mm, 44 mm, 54 mm Square shapes 25 mm x 25 mmx 22 mm X 22 mm 35mmX 35 mm
	RATE :- 5000 PC DISCS / 1 HOUR (MINIMUM)
	QUALITATIVE REQUIREMENTS
1	ALL MOVING PARTS OF MACHINE SHOULD BE CORROSION RESISTANT FLAME AND SPARK PROOF AND MADE OF GOOD QUALITY MATERIAL
2	IN CASE OF MALFUNCTIONING, THE MACHINE SHOULD HAVE AUTOMATIC TRIPPING SYSTEM ALONG WITH AUDIO AND VISUAL INDICATORS.
3	MACHINE SHOULD HAVE EARTHING FACILITY/ STATIC DISCHARGE PANEL.
4	ALL ELECTRICAL EQUIPMENTS/COMPONENTS FITTED IN THE MACHINE SHOULD BE OF REPUTED BRAND AND OF ISO CERTIFIED COMPANY.
5	MACHINE SHOULD HAVE SEPARATE HUMAN MACHINE INTERFACE (HMI) / CONTROL PANEL FACILITY.
6	MACHINE SHOULD HAVE MOISTURE RESISTANT COATING FACILITY PREFERABLY INGRESS PROTECTION (IP44).
7	MACHINE SHOULD OPERATE PREFERABLY ON PLC CONTROL OF IEC-61131 STANDARD
8	MACHINE SHOULD HAVE FACILITY TO CUT THE PC DISC IN ROUND AND SQUARE SHAPE OF VARIOUS SIZES AS GIVEN HEADING OUT PUT.
9	MACHINE SHOULD NOT DISTURB SMGP COATING OF PC SHEET.
10	MACHINE SHOULD HAVE COUNTING AND STACK UP FACILITY IN A MAGAZINE WHICH CAN BE EASILY USED IN TS SHELL FILLING MACHINE.
11	MACHINE SHOULD HAVE FACILITY FOR REMOVING WASTE PC SHEET AND COLLECTING IT INTO BIN.
12	MACHINE SHOULD WORK ON PNEUMATIC BASE.
13	CHAMBER WITH TEMPERATURE AND HUMIDITY CONTROL SHOULD ALSO BE PROVIDED.
14	ALL ELECTRIC WIRING AND ELECTRICAL COMPONENTS SHOULD BE PROPERLY CASED AND FLAME PROOF AND EASILY ACCESSIBLE FOR REPAIR AND MAINTENANCES.
15	MACHINE SHOULD BE COMPACT TO SAVE SPACE AND EASY TO ACCESS FOR REPAIR AND MAINTENANCES
16	BASIC STRUCTURE OF MACHINE SHOULD BE MADE OF GOOD QUALITY METAL RESISTANT TO CORROSION / RUSTING AND FLAME.
17	USER MANUAL WITH REQUIRED ILLUSTRATIONS TO BE PROVIDED WITH MACHINE
18	INSTRUCTION ON REPAIR & MAINTENANCE TO BE PROVIDED WITH MACHINE
19	RUNNING SPARE PARTS WITH ILLUSTRATED LIST SHOULD BE PROVIDED WITH MACHINE.
20	OPERATIONAL TRAINING SHOULD BE ARRANGED FOR 1 WEEKS FOR MINIMUM 15 PERS.
21	REPAIR AND MAINTENANCE TRAINING SHOULD BE ARRANGED FOR 1 WEEKS FOR MINIMUM 10 PERC.
22	SPECIFIC GAUGES AND MAINTENANCE TOOLS SHOULD BE PROVIDED WITH MACHINE.

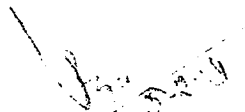
Contd....2/-

23	GUARANTEE / WARRANTY:-.
I	MACHINE SHOULD HAVE 2 YEARS GUARANTEE WARRANTY AFTER COMMISSIONING
Ii	PREVENTIVE MAINTENANCE ONCE IN 3 MONTH DURING GUARANTEE / WARRANTY PERIOD
Iii	GUARANTEE/ WARRANTY WILL BE COMPREHENSIVE i.e INCLUSIVE OF SPARE PARTS.
24	AMC PERIOD SHOULD BE 05 YEARS AFTER EXPIRY OF GUARANTEE / WARRANTY PERIOD.

The Sub-group has decided to upload the QRs on MHA and BSF website for 15 days to invite the views/ comments/ suggestions of prospective bidders to make the QRs more broad based.

Note - All firms are requested to provide the following.

1. Original Brochure of product by OEM.
2. Detail literature about the product.
3. Comprehensive comments for incorporation in the specifications.


(Vikas Singh)
Dy. Commandant (Mod)