

**GOVERNMENT OF MEGHALAYA**  
**DIRECTORATE OF PRINTING & STATIONERY**  
**MEGHALAYA: SHILLONG**

No. DIR/PTG/(S)12/2020-2021/1

Dated 3<sup>rd</sup> December, 2020

Sealed Tenders in two bid system affixing court fee stamp of Rs. 2000/- (Rupees Two Thousand) Only (non-refundable) are invited from the manufacturers or their accredited Partners / Agents for Supply of the following Machineries & Equipment's with Software for the Government Presses at Shillong, Tura and Jowai for the year 2020-2021

**1. DIGITAL LASER MULTI COLOR PRODUCTION PRESS**

Digital Multicolour on-demand high speed production press, with touch panel Monitor controller and high speed print controller which supports new media functions like auto-duplex, supports long Banner printing, with options of flexible and high capacity paper feeding unit, with Scanning option (Simplex/Duplex), Copier with Magnification facility with 256 gradations quality.

**Technical Specification:** -

- |                          |   |  |
|--------------------------|---|--|
| (a) Paper Handling       | - | Standard: Max. 13" x 19"<br>Min. 3.40" x 5.80" |
| (b) Long Banner Printing | - | 19" to 51"                                     |
| (c) Speed                | - | 80 ppm   |
| (d) Paper GSM Support    | - | 65 to 350 gsm.                                 |
| (e) Printing Resolution  | - | 3600 (Equivalent) x 1200 x 8 bit               |
| (f) Colour               | - | Four Colour (Y,M,C,K)                          |
| (g) Monthly Duty Cycle   | - | 850,000+ Impressions                           |

**2. DIGITAL LASER MONOCHROME HIGH SPEED PRODUCTION PRESS**

Digital Monochrome high speed production press for Booklet Printing, Forms, etc., with touch panel in built controller, with options of flexible and high capacity paper feeding with auto Decurling unit, with Scanning option (Simplex/Duplex), Copier with Magnification facility with 256 gradations quality, with large capacity Toner bottle for uninterrupted printing.

**Technical Specification:** -

- |                          |   |                                      |
|--------------------------|---|--------------------------------------|
| (a) Paper Size           | - | Max. 13" x 19"<br>Min. 3.75" x 5.25" |
| (b) Speed                | - | 120 ppm                              |
| (c) Paper GSM Support    | - | 40 to 350 gsm                        |
| (d) Printing Resolution  | - | 1200 x 1200 dpi                      |
| (e) Paper Input Capacity | - | 8000 Sheets                          |
| (f) Monthly Duty Cycle   | - | 2500000 Impression                   |

### **3. DIGITAL INKJET HIGH SPEED COLOUR AND MONOCHROME PRODUCTION PRINTER**

Digital High-Speed Inkjet Production Printer viable for Colour and Monochrome for Printing Forms, Books with Variable Data like Numbering, Barcode, OR Codes. Economical for Short as well as Long Run jobs in Colour and Monochrome, viable for continuous running preferably using Cold Technology for non-stop running, with least Power Consumption intake in Production Printer range as well as environmental friendly, provided with Oil based pigment ink, which can be used in normal Press or Office environment, and printing quality which has a long life for storage of the Printed materials, with option of High Capacity Paper feeder.

#### **Technical Specification: -**

(a) Paper Size	-	Max. 13" x 20" Min. 3.55" x 6"
(b) Printable Area	-	12" x 20"
(c) Paper GSM	-	46 to 200 gsm
(d) Speed	-	150 ppm (Monochrome & Colour)
(e) Resolution	-	600 x 600 DPI
(f) Colour	-	Four Colour (Y,M,C,K) or more

### **4. NUMBERING MACHINE WITH CREASING PERFORATING AND HALFCUT**

Auto-feed single sheet suction foot feeder, double sheet detector with side registration, vacuum Table on conveyor for holding paper down, equipped with Software for connected with computer, Touch screen control Panel with Human machine interface, with VDP Print Heads, Delivery standard collection tray with side and back stopper with straight online Creasing & Perforating on paper feed path, with VDP, Numbering, Barcode, QR Code, Date & Time, Batch Printing, Mail Addressing, Logo Printing, with Variable DPI and user friendly Software with Min. 4 (Four) Print Heads.

#### **Technical Specification: -**

Paper Size	-	Max. 26" x 32" Min. 5" x 7"
Paper Thickness	-	50 – 350 gsm
Feeder Pile Height	-	400 mm
Speed	-	1500 – 5000 sph

## 5. PAPER CUTTING MACHINE

Fully Automatic Paper Cutting Machine with Roller Ball Lead Screw & Double rail guide way for Back gauge, Two valve Hydraulic Clamping system with Pressure adjustment, Photocell safety device, Electronic clutch and brake system for knife movement, Air cushion table with chrome plating finished, with Branded Electrical components 3 Phase – 440 Volts, with Display Panel and Controlling System with Programming

### Technical Specification: -

(a) Cutting Width	-	36"
(b) Max. Cutting Height	-	4.25"
(c) Max. Cutting Length	-	36"
(d) Number of cuts in continuous run/min.	-	30 Nos.
(e) Clamping Pressure	-	1.5 KN to 20KN

## 6. POWER STITCHING MACHINE

(i) Power Operated Wire Stitching Machine Foot Operated with Centre, Side Stitch and Stabbing Stitching Capacity.

### Technical Specification: -

(a) Stitching Capacity	-	1 mm to 38 mm
(b) Stabbing Capacity	-	35mm to 55mm
(c) Stitching Speed	-	Min. 100 Stitches per min.
(d) Wire Used	-	18 SWG to 24 SWG

(ii) Power Operated Wire Stitching Machine Foot Operated with Centre, Side Stitch and Stabbing Stitching Capacity.

### Technical Specification: -

(a) Stitching Capacity	-	1 mm to 25 mm
(b) Stabbing Capacity	-	25mm to 44mm
(c) Stitching Speed	-	Min. 140 Stitches per min
(d) Wire Used	-	18 SWG to 24 SWG

(iii) Power Operated Wire Stitching Machine Foot Operated with Centre, Side Stitch and Stabbing Stitching Capacity.

### Technical Specification: -

(a) Stitching Capacity	-	1 mm to 16 mm
(b) Stabbing Capacity	-	16mm to 25mm
(c) Stitching Speed	-	Min. 150 Stitches per min
(d) Wire Used	-	20 SWG to 26 SWG

**7. AUTO FEED PERFORATING, HALFCUT & CREASING MACHINE**

Multifunction Machine for Paper Sticker, Label, PVC, Vinyl, label Half Cutting, Perforating, Single and Multiple Creasing with Variable speed with Base Stand, with Auto feed and chromed rollers for Long Life.

**Technical Specification: -**

(a)	Machine Size	-	30"
(b)	Paper Handling Size	-	Max. 20" x 30"
	Min. 3" x 4.5"		
(c)	Machine Speed	-	10000 Sheets Per Hour
(d)	Min. gap between two adjacent cuts	-	1/2"

**8. PLATE PUNCH AND BENDER MACHINE**

Manual Hand operated Plate Punching and Bending Machine, for exposed plates with auto centering for fast and accurate positioning which can be used for variable sizes of plate for Sheet fed Offset Machine.

**Technical Specification: -**

Size:	-	40" x 40"
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**9. PRINTING DOWN FRAME WITH METAL HALIDE**

Printing down frame with Metal Halide lamp for exposing P.S. Plates, Conventional Plates, with vacuum & rubber blanket for uniform and even exposure of the plate with powerful lamps for quick exposure with drawers.

**Technical Specification: -**

Size:	-	30" x 40"
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**10. LAMINATION MACHINE PLAIN cum THERMAL with SHEET SEPARATOR FOR THERMAL**

Hand feed Lamination Machine, with both side open table with Aluminium feeding table with N/S belt 35mm width with grooved roller adjustment system.1:10 ratio Speed reduction gear Box with AC Motor controlled by AC Drive, 2 HP electric panel with remote control with exhaust fan, emergency stop etc. Mirror finish Steel roller with oil heating system with Automatic Hydraulic system with Automatic temperature control System, Steel and rubber roller for plain Lamination with SS 304 gum tray with micro coating adjustment for coating adjustment for plain lamination with heavy duty clutch of 12" for rewinding with Dancing Roller for wrinkle removal.

An Auto Sheet Separator with rubber and rubber roller with pneumatic Pressure for accurate sheet separation for Thermal Lamination

**Technical Specification: -**

Machine Size	-	24"
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**11. LAMINATION MACHINE BOTH SIDE**

Hand feed single side and both side Thermal Lamination Machine for Digital Segment, with Temperature and Speed Control which can use multiple Lamination Films like Matt, Gloss, Silky, and special feature of transfer of Golden, Silver Foils on pre-printed laser paper.

**Technical Specification:** -

Machine Size - 14”

**12. PERFECT BINDING MACHINE SINGLE CLAMP**

Perfect Binding Machine with Single Clamp, equipped with mechanical adjustable book clamp, milling station with cutter, notching teeth, dust extractor with high quality Gluing system with three rollers and separate side gluing application. Adjustable Nipping station with controlled pressure and timers for adjusting feed time, nipping duration and delivery, with supports range of jobs and easy job change over.

**Technical Specification:** -

(a) Book Width	-	80 mm – 480 mm
(b) Book Height	-	100 mm – 300 mm
(c) Book Thickness	-	5 mm ~ 60 mm
(d) Cover Height	-	70 mm ~ 480 mm
(e) Cover Width	-	100 mm ~ 660 mm
(f) Mechanical Speed	-	450 or more Cycles Per Hour

**13. DIRECT TO CARD PRINTER**

Dye Sublimation / Resin Thermal transfer Print Process, for standard CR 80/79 type cards for ID Cards, which support smart card and magnetic strip card technology, with varieties of Print Ribbon, edge to edge printing,

**Technical Specification:** -

Card Size	-	85.6 mm x 54 mm CR-80 84.1 mm x 52.4 mm CR-79
Resolution	-	300 dpi (11.8 dots/mm)
Print Speed	-	10 sec per Card for (K) and 20 sec per card (YMCKO)
Input & Output Hopper Card Capacity	-	100 Cards

**14. ONLINE UNINTERPUTED POWER SUPPLY (UPS) SYSTEM**

Online uninterrupted Power Supply with inbuilt insulation Transformer with (Three) 3 Phase input with 1 (One) Phase and 3 (Three) Phase output, with required batteries for Power Backup of minimum 45 to 60 minutes, with LCD/LED Display Panel and Control System and Iron rack for batteries.

**Technical Specification: -**

Capacity - 10 KVA

**TERMS AND CONDITION: -**

1. The Tender must be accompanied with detailed literature in the form of Folder, Brouchers, etc., Showing clearly the make with full specification for all plant, machineries and software. The selected Tenderer shall be required to show the video presentation of all the Listed Plant, Machinery, detailing the use and productivity of each product.
2. Tenderer should also submit Dealership Certificate from the manufacturer or their Authorised Distributors / Partner for Supply of the Plant, Machineries and Software.
3. The Principle Vendor with Indian Origin will be given preference and the Principle Vendor should have a local stock point for smooth supply of materials available in North-East Region, with Engineers available. The Principle Vendor must also have experience to supply & service to Govt. / Semi Govt. Departments across India with list of installation and who have more than 10 years of business experience in Indian market shall be preferred. Principle Vendor with annual turnover of 25 Cr shall be preferred.
4. A list of user should be furnished for reference regarding the performance of the particular Machine. (Preferably Government / Semi Government users).

5. No Tender will be considered unless accompanied by the latest Goods and Service Tax Registration and Professional tax Certificate in prescribed form and Photo Copy of PAN CARD Duly attested.
6. Under no circumstances, use of eraser / correcting fluid will be entertained.
7. Rates once submitted shall be final for the whole financial year and no representation for enhancement of rates on the ground of increase in the market price will be entertained. The Tender rates can be extended in the same Terms & Conditions with due consent from both the parties.
8. Earnest Money of Rs. 400,000/- (Rupees Four Lakh) Only for general category and Rs. 200,000/- (Rupees Two Lakh) Only in case of SC/ST must be submitted along with the Tender by Term Deposit or Bankers Cheque pledged in favour of "Director Printing and Stationery, Meghalaya, Shillong"
9. Tenderer belonging to Schedule Tribe / Caste should submit a certificate declaring them as such by the competent Authority and non-Tribal Tenderers must submit Trading License by the respective District Council along with the Tender.
10. Tenderers should have a single work order amounting to not less than Rs. 3 Crore, from any Govt. Department or any Semi-Government Dept. in the last 3 (Three) Financial Year (FY – 17-18, 18-19 & 19-20). A Minimum Annual Average Turnover of the Tenderer for last 3 (Three) years (FY – 17-18, 18-19 & 19-20) should not be less than 10 Cr duly supported by Audited Balance Sheet and CA Turnover certificate for the last 3 (Three) years (FY – 17-18, 18-19 & 19-20)

11. The Net-worth of the company or the Firm should not be less than 1.0(One) Cr for the year ending on 31-03-2020, in case of Proprietorship firm the Net-worth of the Proprietor will be considered. The Net-worth Certificate should be issued and duly certified by CA.
12. Experience Certificate should be furnished with regards to execution of such similar works from Govt./ Semi Govt. Departments, Experience of Principle Vendor will also be considered.
13. Financial Stability certificate issued during the current financial year from Banks mentioning the approx. value not less than Rs. 3 Cr., the certificate issued by the bank should not be less than 6 months older from the date of opening of Tender.
14. **Price quoted** should be **F.O.R Shillong, Tura & Jowai** inclusive of all Taxes / GST, Transportation and transit insurance.
15. **Delivery**: The selected tender is expected to cause delivery of the goods within the required time Frame as may be mentioned in the work order.
16. **Payment**: 90% (Ninety Percent) payment will be made on received and after inspection of the consignment of the plant and machineries and 10% (Ten Percent) payment will be made only after satisfactory Installation of the Machines.
17. **Erection / Installation**: Erection and Installation along with demonstration shall be done by the successful Tenderer or their agent without any extra charges.



18. The Selected Tenderer will have to furnish in writing a Guarantee Card / Certificate for a period of 1 (One) Year, with effect from the date of successful installation, assuring satisfactory running of the machine and any trouble / defect / breakdown encountered or occurring during that period shall have to be rectified / replaced at their own cost.
19. An Undertaking to the effect that a logistic support in the event of machineries breakdown should be given by the Tenderer or their Authorised Agent as a standby agreement beyond the expiry of the Guarantee Period, thereby enabling the paid Technician/Engineer to attend such eventualities.
20. The Tenderer (proprietors/partners/directors) should not have been blacklisted by any Central, any state government, semi-Government or Public Sector undertakings, at the time of submission of the bid. None of the proprietors/partners/directors should have been convicted in any criminal activity in any Court regarding corruption or criminal liabilities. An affidavit in this regard covering above points without any misinterpretation should be submitted on a stamp paper of Rs. 10 along with the tender document duly notarised.
21. The Tender Paper will be made available subject to a payment in cash for a sum of Rs. 2000/- (Rupees Two Thousand) Only. The Tender will have to be accompanied with the Original Receipt of the tender Purchased or Downloaded.
22. Tender in sealed cover superscripted with the words **“TENDER FOR MACHINERIES AND EQUIPMENTS WITH SOFTWARE FOR THE YEAR 2020 – 2021”** with **“TECHNICAL OFFER”** and **“FINANCIAL OFFER”** separately in two folders should reach the Office of the undersign on or before 12 Noon of **14<sup>th</sup> December’ 2020** which will be opened in the same day at 2.00 PM in presence of the Tenderer or their authorised representatives if any. The bids shall be open one after another. “TECHINCAL OFFER” shall be open first and no pricing shall be quoted in the Technical Offer. Only Tenders which qualify in the Technical Bid, their “FINANCIAL BID” shall be opened.

23. No deviation of Product quoted shall be entertained.

24. Tenders received after the above date and time will not be entertained.

25. The Undersigned Reserves the power of rejecting any tender without assigning any reasons thereof and does not bind himself to accept the lowest rates of any tender.

**Sd/-**  
**(E.D.R. Tariang)**  
**Director**  
**Printing & Stationery**  
**Meghalaya: Shillong.**