

National Institute of Ayurveda, Jaipur

(Deemed to be University)
Ministry of AYUSH, Govt. of India
Jorawar Singh Gate, Old Amer Road, Jaipur (Rajasthan)-302002

QUOTATION INVITING NOTICE

Sealed quotations are invited from the reputed, eligible interested Companies/Firms for Supply of '**Thermal Transfer Over Printer and Thermal Inkjet (TIJ) Printers**' for **Pharmacy of National Institute of Ayurveda, Jaipur**, as per below specifications. Last date of send the quotation is **01-07-2025** Till 3.00 PM.

संस्थान रसायनशाला हेतु निम्नलिखित उपकरण क्रय किये जाने की आवश्यकता है:-

S. No.	Description of Item	Specification	Qty.
1.	Thermal Transfer Over Printer	Detailed specifications Attached	02
2.	Thermal Inkjet (TIJ) Printers	Detailed specifications Attached	02

General Terms & Conditions :

1. The Supplier will have to complete the supply at National Institute of Ayurveda, Jaipur.
2. The Quotation Price shall be in Rupees including all Taxes and no extra prices such as transportation expenses, Installation etc. are payable by the Institute.
3. After due evaluation of the quotation(s) Institute will award the Supply order to the lowest evaluated responsive firm.
4. Payment shall be made after completion of the Supply, Installation and submission of bills which will be subject to satisfactory report (certified by the Head of Department or Committee constituted for the purpose)..
5. The Vice Chancellor, NIA Jaipur shall be the final authority to reject full or any part of the order which is not confirming to the requirements and other terms and conditions.
6. No payment shall be made for the unsatisfactory work.
7. GST certificate must be enclosed of the firm. Quotation will not be entertained, if GST certificate not be enclosed.
8. The quotations in sealed envelope, super scribing clearly on the envelope "**Quotations for Supply of 'Thermal Transfer Over Printer and Thermal Inkjet (TIJ) Printers**' for **Pharmacy of National Institute of Ayurveda, Jaipur** should reach NIA, Jaipur on or before **01-07-2025** at the below mentioned address :-

**The Vice Chancellor, National Institute of Ayurveda (Deemed to be University),
Madhav Vilas Palace, Jorawar Singh Gate, Amer Road, Jaipur - 302002**

Sd/-

Joint Director (Admn.)

THERMAL TRANSFER OVER PRINTER

Technical specifications :

Printing modes	-	Intermittent mode (IM) , Continuous mode (CM)
Print resolution	-	300dpi
Printhead width	-	32mm
Print area (32 mm printhead)	-	32x55mm
Distance from start print area to rear cover	-	104.5mm
Maximum ribbon length	-	770m (AR)
Print speed	-	Up to 400mm/sec and 10 to 680mm/sec
Maximum repeat rate	-	4 prints/sec
Connectors	-	3+1 USB, IR145, GPIO, I encoder
Supported code formats	-	EAN. GSI UCC. QR code, Data Matrix, Han Xin, ITF. Code 128, text, graphics. ID 2D codes etc.
Dimensions (WxHxD)	-	200x160x218mm
Printer weight	-	5.9Kg
Cassette weight (exd ribbons)	-	0.9Kg
Fully electric	-	Compressed air not required
Electrical supply	-	100 to 240VAC 50/60Hz
Operating temperature/humidity	-	5 to 40°C (41 to 104°F) / 20% to 80% RH
Ribbon saving modes print	-	Economy, Retraction, Column Stop-mid-

**Performance packs (optional)
security pack, Promotional**

- **Pharma serialisation pack, Advanced coding pack**

Tablet connectivity

- **Via Wi-Fi dongle**

PC connectivity

- **Via Etheret cable**

**TouchPad (optional)
150mm x D 30mm**

- **7 touchscreen Dimensions W 220mm x H**

Multi-language support

**Mounting brackets (optional)
your needs**

- **Complete range of mounting brackets to sat**

THERMAL INKJET (TIJ) PRINTERS, COMMONLY USED FOR PACKAGING, LABELING, AND PRODUCT CODING:

1. Printing Technology

Uses heat to generate tiny ink droplets.

Delivers high-resolution prints with precise control.

Non-contact printing method suitable for porous and non-porous surfaces.

2. Key Features

Resolution: Up to 600 dpi for crisp text and graphics.

Print Speed: Up to 300 meters per minute (varies by model).

Print Height: Typically 12.7 mm (1/2 inch) per print head, expandable with multiple heads.

Ink Type: Compatible with water-based, solvent-based, and UV-curable inks.

Substrate Compatibility: Paper, cardboard, plastics, metals, glass, and more.

3. Connectivity Options

Ethernet, USB, and wireless options for integration.

Operates via touch screen interface or remote control.

4. Ease of Use

Plug-and-play cartridge systems.

Minimal maintenance required; no moving parts.

Quick cartridge replacement.

5. Ink Options

Available in black, color, or invisible (UV-readable).

Fast-drying and smudge-resistant formulations.

Specialized inks for food-grade or high-temperature environments.

6. Applications

Expiry dates, batch codes, barcodes, and QR codes.

Printing on food packaging, pharmaceuticals, cosmetics, and industrial products.

7. Power Requirements

Standard 220V AC power supply.

Low energy consumption.

8. Advantages

High speed and precision.

Environmentally friendly with minimal waste.

Adaptable to automated production lines.