



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA
VSI AIRPORT, PORT BLAIR



Ref No. AAI/PB/MM/Cuss Roll/2022-23

Date: 18/05/2022

NOTICE INVITING QUOTATION

Name of Work: Supply of Thermal Cuss Roll at VSI Airport, Port Blair for the year 2022-23.

Sealed quotations are invited by the Airport Director, Airports Authority of India, Port Blair Airport for supply of 400 Nos. Thermal Cuss Roll as per specification listed below.

Specification of Thermal Cuss Roll

Width-203 mm, length-100 mts, core Inner Diameter 1.5” (38 mm) cardboard, outside diameter – 152 to 203 mm. as per SITA specification - Annexure-I

Substrate – top coated thermal paper for boarding pass.

The quotation should be submitted in Sealed Envelope alongwith following documents.

- 1) Copy of registration of Establishment is to be submitted.
- 2) Documentary proof of PAN No.& GST.

The envelope should be super scribed ‘**Supply of Thermal Cuss Roll at VSI Airport, Port Blair for the year 2022-23.**’ due to be opened on 01/06/2022.

Last Date of Receipt of Quotation: 01/06/2022 upto 1500 hrs

Date & Time of Opening Quotation: 01/06/2022 at 1530 hrs

Terms and Conditions

- 1) The duly completed quotation should reach at the following address on or before 1500 hrs on 01.06.2022. **Asstt. General Manager (Engg-Elect/MM), Airports Authority of India, VSI Airport, Port Blair-744 103.**
- 2) **Rates:**
 - i. All tendered rates should be inclusive of all taxes, duties, cess, fee, Royalty charges etc, levied under any statute but excluding GST. GST shall be paid to bidder for any taxable supply/services against valid tax invoice.
 - ii. An undertaking from the bidder that they are registered under GST and compliant of GST provision.
 - iii. In case of non compliance of GST provision and blockage of any input credit, the bidder shall be responsible to indemnify AAI.

- iv. The bidder is required to provide tax type and tax percentage.
 - v. In case of change in rate of tax or any provision relating to levy of tax resulting in increase in burden of tax on the contractor, the contractor shall be entitled to receive any compensation for such increase in quantum of tax payable by the contractor similarly recovery shall be made from the contractor on account of decrease of rate of tax or any provision relating to levy of tax.
- 3) The validity of quotation should be for minimum 30 days from the date of opening of quotation.
 - 4) Incomplete and ambiguous quotation will be rejected.
 - 5) The work to be completed with in 30 days from the date issue of Work order.
 - 6) In case of failure to execute the order in full with in the specified period, liquidated damages shall be charged @ 0.5 % per week or part there of but not exceeding 5% of total contract value. Even the order can be cancelled at the risk and cost of contractor.
 - 7) The item to be supplied at the designated location at VSI Airport, Port Blair.
 - 8) Payment will be done after satisfactory completion of work
 - 9) Any queries may be addressed to email elect.vopb@aai.aero phone no. 9444106100.
 - 10) AAI reserves right to reject all or any quotations received with out assigning any reason there of
 - 11) Rate to be quoted in the attached schedule of work.

Asstt. General Manager (Engg-Elect/MM)
For Airport Director
AAI, VSI Airport, Port Blair

1.0 Paper Information

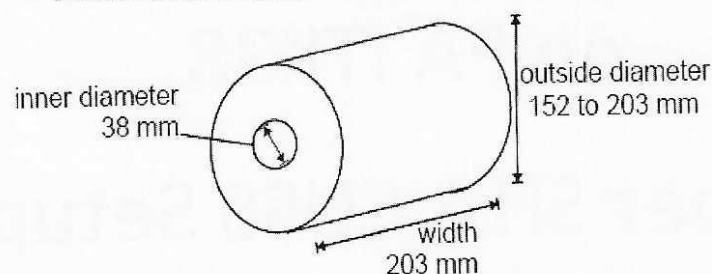
1.1 Introduction

This document defines the paper specifications for the Practical Automation ITK38 thermal printer installed in SITA kiosks, that prints ATB size tickets (82.5 mm x 203 mm).

Note: The printer has the "cutter option", and no "presenter".

1.1.1 Paper Width and Roll Size

- Paper width is 203 mm $\pm 0/-1$ mm (8.0 in. $\pm 0/-0.04$ in.)
- Outside diameter is between 152.4 and 203 mm (6 and 8 in.)
- Inner diameter is 38.1 mm (1.5 in.)
- Active surface is located on the inside of the roll



1.1.2 Paper Core

The paper roll must not be attached to the inner core by any means such as glue or tape, as it could pass through the rollers and print head and damage the printer.

1.1.3 Recommended Papers

Manufacturer	Number Type	Description
Appleton	Alpha 900-3.4	Non top coated paper 0.086 mm (.0034 in.) caliper
Kanzaki	P-354	Non top coated paper 0.086 mm (.0034 in.) caliper

1.1.4 Other Thermal Papers

Manufacturer	Number Type	Description
Appleton	Alpha 400-2.3	Non top coated paper 0.058 mm (.0023 in.) caliper
Kanzaki	P-310	Non top coated paper 0.061 mm (.0024 in.) caliper

Paper Information

1.1.5 Roll Paper Curl Considerations

The thermally active surface of roll paper must be the inside surface of the roll. This arrangement produces a smooth, direct route of the paper into the printer, when the roll is mounted on the integral roll holder. Further, the upward curl aids in the formation of the loop for the transport-presenter or anti-jam paper deliver output devices.

1.1.6 Paper Form Type

The ITK38 supports continuous or registration marked paper roll stock. The printer is factory set to sense registration marks. SITA recommends a registration mark every 82.5 mm (3.25 in.), as this is the width of an ATB ticket. Registration marks must be at least 76 mm (3.0 in.) apart.

1.1.6.1 Paper Supply

For variable length document printing, the paper supply is typically blank roll stock or roll stock with a continuous pre-printed background coloring, watermark, etc. For fixed sized documents, the paper supply can be blank or pre-printed, perforated, or pre-printed roll stock. All fixed length forms must contain a bottom side registration mark for synchronization. Refer to section 1.1.6.5 for location details of the registration mark.

1.1.6.2 Continuous Forms

Continuous paper does not have a defined form size. It is typically blank, however, it may have top or bottom side background pre-printing. This background printing is used to enhance the appearance of the finished document.

1.1.6.3 Registration Mark Forms

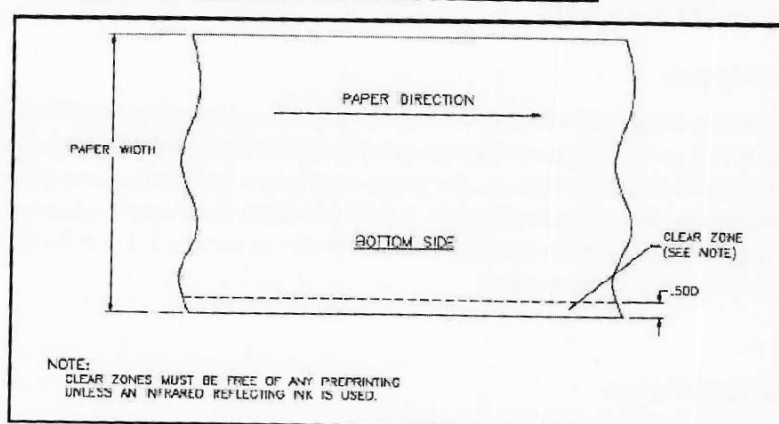
Registration marked forms have a form size defined by the distance between the marks. This marking is used to maintain the printer's mechanical synchronism with the paper stock. This type of form may also have top or bottom side pre-printing. The pre-printing may be background, however, it is more typically a form structure, onto which variable field data is printed by the ITK38.

1.1.7 Paper Pre-printing Information

1.1.7.1 Pre-printed Paper: Bottom Side Restrictions

All versions of the ITK38 utilize optical sensors to monitor the progress of paper through the system. Pre-printing of the paper in the area of these sensors should be avoided. High contrast ratio printing, in these areas, can interfere with this monitoring. See diagram below for the locations of these restricted areas. These restrictions apply to continuous or registration marked paper.

Measurements shown below are in inches.



1.1.7.2 Pre-Printed Paper: Top Side

Preprinting on the thermally active side of the paper should only be done using inks compatible with direct thermal printing. Also insure that the host application only prints (thermally) in the un-inked areas.

1.1.7.3 Selecting Perforation Location (Optional)

Similar to ATB boarding passes, most sites require the GPP document to have a perforation that allows the agent to tear off the stub. **Please note that some sites do not require perforation, it is recommended to determine all paper specifications before placing the order.**

The location of the perforation must be determined before ordering paper from the supplier. Typically the paper supplier will ask for the specific location of the perforation marks in relation to the black registration marks on the paper. As an example, the perforation measurement is X mm from the edge with the black registration marks.

Paper Information

Business.					
NCRIS/TREVCF MR		404		404	
FROM MELEOURNE		TO SYDNEY		SEAT 12B	
DATE 08JUN		BOARDING AT 0610		SEAT 12B	
PSM COMMENTS		GATE C19		FROM MEL TO SYD	
FF NUMEER		SEQ 158		08JUN SEQ 158	
PREDEFINED COMMENTS (ETKT)		CLASS BUSINESS		CLASS BUSINESS	

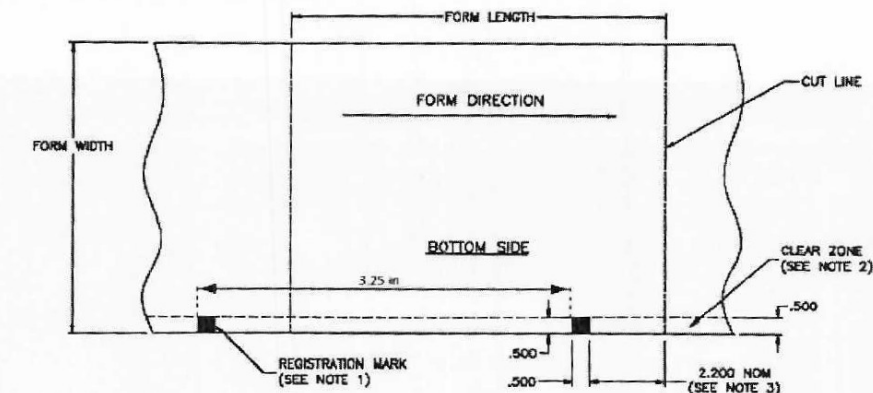
Printer Cut Line

This is the perforation (to simulate the ATB tab)

1.1.7.4 Registration Mark Location: Bottom Side

Refer to the following diagram when specifying registration marked paper. Pay close attention to the inside/outside surfaces of the roll. The registration marks should be visible on the outside of the roll.

Measurements shown below are in inches.



NOTES:

1. REGISTRATION MARK: 1/5 OF LIGHT BACKGROUND YIELDING 5:1 CONTRAST RATIO TO INFRARED LIGHT.
2. EXCEPT FOR REGISTRATION MARK, CLEAR ZONES MUST BE FREE OF ANY PREPRINTING UNLESS AN INFRARED REFLECTING INK IS USED.
3. THE MARK SENSOR IS LOCATED TO CUT THE FORM APPROXIMATELY 2.200 AHEAD OF THE REGISTRATION MARK. IF PERFORATIONS ARE TO BE USED, THEY MUST BE PLACED .050 AHEAD OF THE OUTLINE (2.250 AHEAD OF THE MARK).
4. THE DISTANCE BETWEEN THE EDGES OF THE REGISTRATION MARKS MUST BE 3.25 INCHES. MEASURE FROM THE LEFT SIDE OF EACH REGISTRATION MARK AS SHOWN.

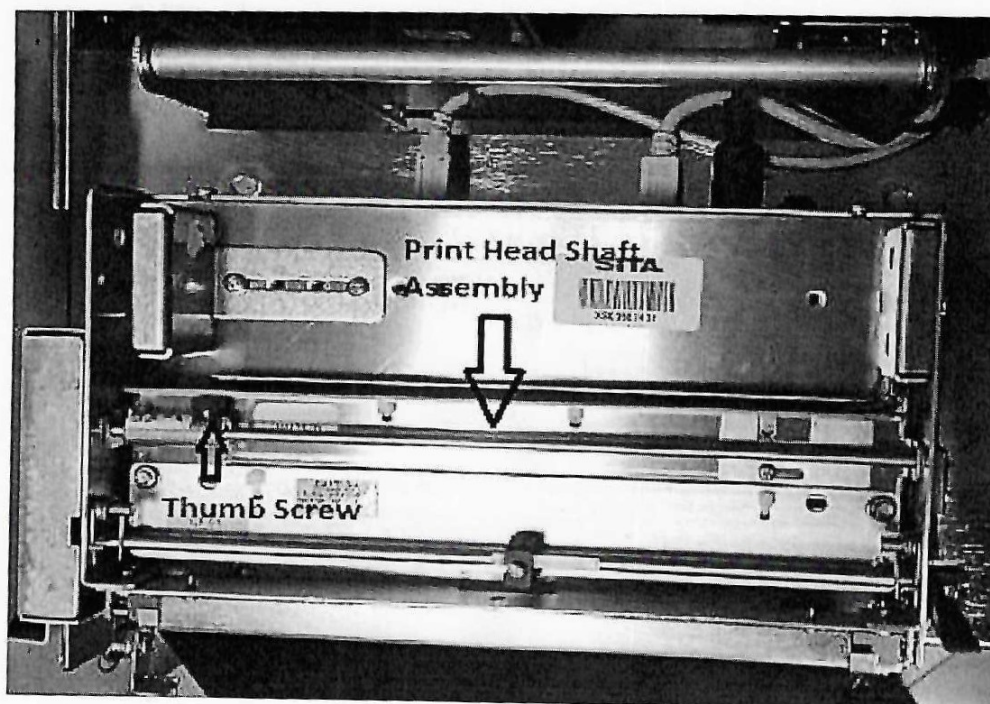
1.2.1 Top and Bottom Margins

When printing on any physical document, there are practical limits for how close the printed data can come to the edge of the paper. The top and bottom unprintable margins are set at 3.175 mm (0.125 in.) for the ITK38 printer. The document printed will have these un-printed areas at the top and bottom of each document. For a complete understanding of a document's length these reserved unprintable margins need to be taken into consideration.

1.3 Branding Options

Consider branding options, such as logos or graphics, to print on the rear side of the paper roll. These can be provided to the paper supplier at the time of order.

Basic Information on PA ITK38 Assembly and How to use it..



Schedule of Quantity

Name of work: Supply of Thermal Cuss Roll at VSI Airport, Port Blair for the year 2022-23.

<i>Sl No</i>	<i>Description of Item</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate (Rs.)</i>		<i>Total Amount Excluding GST</i>
				<i>In figures</i>	<i>In words</i>	
1	Supply of Thermal Cuss Roll (Width-203 mm, length-100 mts, core Inner Diameter 1.5" (38 mm) cardboard, outside diameter – 152 to 203 mm. as per SITA specification)	400	Nos.			
2	Transportation Charges upto VSI Airport, Port Blair.	1	Job			
Total Amount Rs.						

(Rupees) Excluding GST.

Signature of the contractor

Asstt. General Manager (Engg-Elect/MM)
For Airport Director
AAI, VSI Airport, Port Blair