



# KERALA STATE ROAD TRANSPORT CORPORATION

TRANSPORT BHAVAN, FORT, THIRUVANANTHAPURAM - 695 023

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No. S001-SS04/98/2024-STORE-KSRTC-HQ

Date: 13.02.2025

## RE-QUOTATION NOTICE

**KSRTC is inviting Re-Quotation for the supply and commissioning of RFID Card Printer for Lamination and Double side printing.**

Quotation should be sent to the office of the Chairman & Managing Director Kerala State Road Transport Corporation before **13.00 Hrs** on **19.02.2025** and it will be opened at **15.00 Hrs.** on the same day. **There shall not be more than one financial offer in a financial bid for one item. Offering more than one brand / model will make the bid invalid.**

SI No.	Items Required	Quantity
1	<p><b>RFID Card Printer</b></p> <p><b>1. Printer Requirements:</b></p> <p><b>Printing Technology:</b> Retransfer printing technology is required to ensure high-quality printing on cards with uneven surfaces, including smart cards and RFID cards. Dye-sublimation / resin thermal transfer also acceptable.</p> <p><b>Print Resolution:</b> 600 dpi for high-resolution images, text, micro-text, and watermarks. 300 dpi acceptable.</p> <p><b>Print Area:</b> Edge-to-edge printing on standard CR-80 cards.</p> <p><b>Print Speed:</b> Minimum 130 single-sided color cards per hour with lamination.</p> <p><b>Double-Sided Printing:</b> Automatic dual-sided printing capability is required.</p> <p><b>Card Capacity:</b></p> <p>Input hopper: Minimum 200 cards. Output hopper: Minimum 100 cards.</p> <p><b>Card Thickness:</b> Support for card thicknesses between 30 mil to 40 mil (0.76 mm - 1.016 mm).</p> <p><b>Card Material Compatibility:</b> PVC, composite PVC, PET, ABS, and PC.</p> <p><b>Connectivity:</b> USB and Ethernet. Optional: 802.11b/g wireless connectivity.</p> <p><b>Operating System Compatibility:</b> Microsoft Windows certified drivers.</p> <p><b>2. Lamination Module Requirements:</b></p> <p><b>Lamination:</b> Single-sided and dual-sided lamination capabilities.</p> <p><b>Lamination Type:</b> Support for varnish, patches (with or without holographic elements), and custom holograms. Clear and Generic Hologram Patches and Varnish.</p> <p><b>Lamination Speed:</b> Up to 215 cards/hour single-sided, depending on the associated printer.</p>	1 No.

	<p><b>Durability:</b> Lamination should provide protection for up to 10 years under specific conditions.</p> <p><b>Integrated Debower:</b> Card flattener to adjust card planarity after lamination.</p> <p><b>3. <u>RFID Encoding Requirements:</u></b>  <b>Contactless Encoding:</b> Combined MIFARE ISO 14443 A &amp; B (13.56 MHz) contactless encoding.  <b>Contact Encoding:</b> ISO 7816 Smart Card Contact Station for third-party external contact encoders.</p> <p><b>4. <u>Security Features:</u></b>  <b>Printing of UV elements, micro-text, and high-definition 2D codes.</b>  <b>Physical and electronic security features to prevent unauthorized access to the printer and sensitive data.</b></p> <p><b>5. <u>Software Requirements:</u></b>  <b>Card Design Software:</b> User-friendly interface for designing and customizing cards.  <b>Support for adding text, images, logos, and barcodes.</b>  <b>Template library for creating various card types.</b>  <b>Secure printing options</b>  <b>Printer Management Software:</b> Remote printer management capabilities.  <b>FARGO Workbench™ printer maintenance and diagnostic software with Color Assist spot-color matching</b>  <b>Encoding Software:</b> Software Development Kit (SDK) and tools for integrating RFID encoding functionality with existing systems.</p> <p><b>6. <u>Consumables:</u></b>  <b>Ribbons:</b> Support for YMCKO, YMCKK, and YMCKOK ribbons.  <b>Intelligent technology RFID tags to authenticate and automate ribbons.</b>  <b>Laminates:</b> Zebra True Secure i Series laminates or equivalent. Linerless waste-free laminate.  <b>Cards:</b> PVC blank white cards and PETF Cards.</p> <p><b>7. <u>Warranty and Support:</u></b>  <b>Minimum 3-year warranty on the printer. Technical support and maintenance services.</b></p> <p><b>8. <u>Compliance:</u></b>  <b>GSA FIPS 201 approved dual-sided lamination.</b></p> <p><b>9. <u>Additional Requirements:</u></b>  <b>The vendor must provide training to staff on the operation and maintenance of the printer and software.</b>  <b>The vendor must provide all necessary cables, connectors, and accessories for a complete and functional system.</b></p>
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1. The rates quoted should be for the supply and commissioning of RFID Card Printer at KSRTC Transport Bhavan, Thiruvananthapuram – 695 023
2. No enhancement of rates once accepted will be considered.

3. Successful bidder shall complete supply and commissioning the item within 15 days from the date of purchase order.
4. Payment will be made after supply and commissioning of item at destination.
5. The bidder shall offer minimum one year warranty from the date of commissioning.
6. Quoted rate shall be firm for a period of 6 months from the date of quotation.
7. **Liquidated damages for non supply and performance:-** The successful bidders shall supply the ordered quantity of materials as per the delivery schedule given by KSRTC. If materials are not supplied as per supply schedule given by KSRTC, liquidated damages will be realised from the supplier at the rate of 0.5% of the Cost of item per week for each week or part there of, up to a maximum deduction of 10% of the Contract prices and there after the Corporation will consider the termination of the contract at the risk and cost of the contractor.
8. The successful bidder has to execute an agreement as per the Kerala Store Purchase manual after furnishing security deposit of 5% of the total cost of materials if the total cost exceeds Rs.1,00,000/- (Rupees one lakh only).
9. Quantity variation shall be plus or minus 15%.
10. Quotation should be submitted in sealed covers duly prescribing on the cover with following details.

Tender for the supply of : **RFID Card Printer**

Tender No. : **S001-SS04/98/2024-STORE-KSRTC-HQ**

Opening Date : **19.02.2025**

**For Tender Inviting authority**

**PROFORMA**

Sl. No	Particulars of item required with specification	Qty	Basic Price for 1 No. in Rs.	Discount if any	GST in % & in Rs.	End rate in Rs.
1.	<b>RFID Card Printer</b> (As per the specification mentioned in the Quotation Notice)	<b>1 No.</b>				
Make :						
Model:						
Warranty:						

Signature

Place:

Date:

(Office Seal)

Name & Full Address of the Bidder